

AirSupply

Training guide for users



Vendor Managed Inventory (VMI) **May 2022**

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Index of Abbreviations

DA	Despatch Advice
ERP	Enterprise Resource Planning (Executive System)
FIFO	First In First Out
GR	Goods Receipt
Min	Minimum Inventory agreed between a customer & a supplier
Max	Maximum Inventory agreed between a customer & a supplier
PO	Purchase Order
RD	Referenced Document
SBI	Self Billing Invoice
SOH	Stock on Hand
UoM	Unit of Measure
VMI	Vendor Managed Inventory

Preamble

The AirSupply training guide is kept generic and the supplier must comply with his customer scope and specificities. A document "Customer matrix" is available with the needs to be taken into account by the supplier.

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The AirSupply user training guide is composed of 13 modules, one customer matrix and one exercise book. This module is dedicated to Vendor Managed Inventory (VMI).

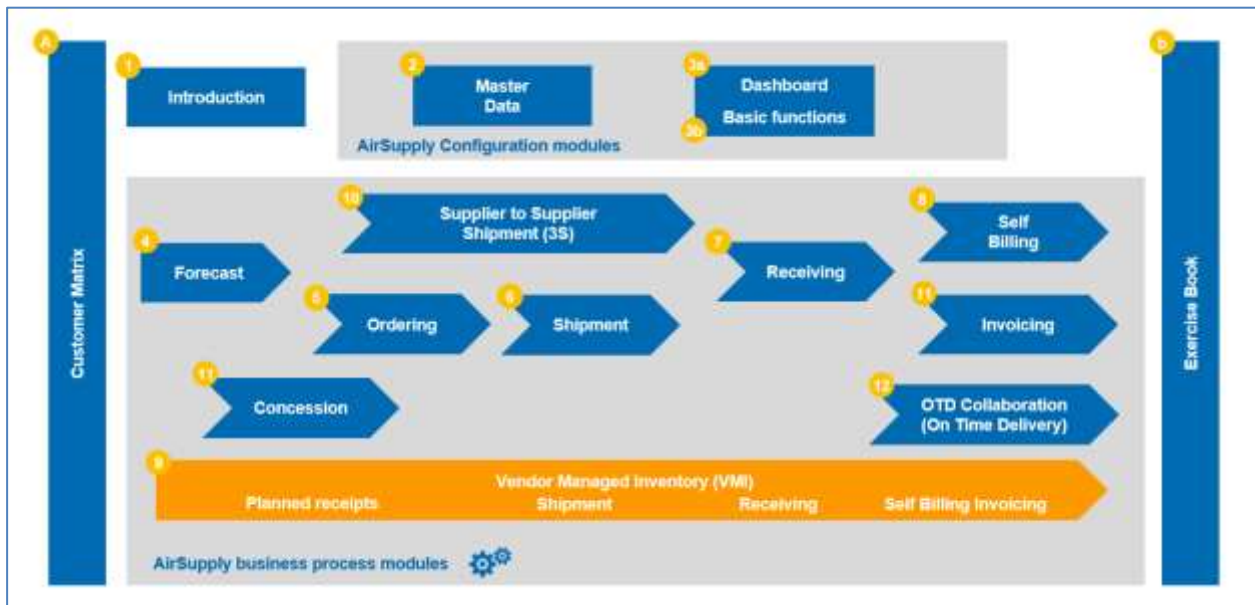


Figure 1: Modules overview

Objectives of the VMI module

The VMI training guide explains in detail how to manage a VMI material within AirSupply.

This module explains what the VMI process is and how a supplier or a customer can use AirSupply to configure and manage a VMI material.

It describes the different displays and functionalities of AirSupply.

It explains how to manage the goods replenishment as a supplier by using the relevant VMI data.

At the end of this module, the appendix presents:

- Tables corresponding to 'VMI' screens in AirSupply with the name and description of each column.
- The list of the referenced documents (using the naming convention [RD, number of the referenced document, Title] for example [RD9, VMI]).

1 General concepts

1.1 VMI Definition

The Vendor Managed Inventory (VMI) represents an approach to company-wide coordination with the supplier being responsible for the stock management on the customer's side.

Within the Vendor Managed Inventory process, the supplier has access to the customer's inventory data and is responsible for maintaining the inventory level between an agreed Min & Max, required by the customer:

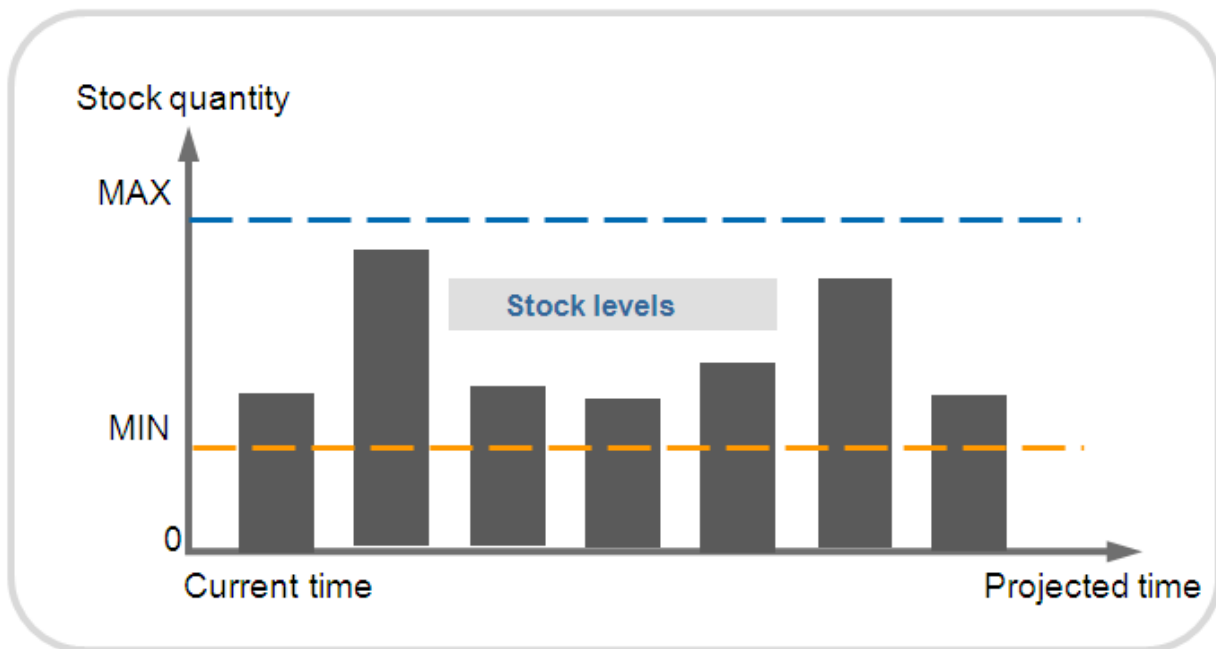


Figure 2: Stock levels of a VMI material if replenishment actions are correct

The supplier has to apply the correct replenishment actions in order to remain between this Min & Max levels.

The objective of the supplier for VMI is to decide on distribution tactics that will respect the agreed Min and Max stock quantity and minimize transportation costs across the supply chain.

AirSupply helps by providing information on planned demands, on the stock inventory and stock movements

AirSupply informs the supplier and the customer:

- If the inventory level is not between the agreed Min & Max
- If the inventory level will not be between the agreed Min & Max at the end of the day
- If the inventory level will not be between the agreed Min & Max in the future

1.2 VMI General Principles

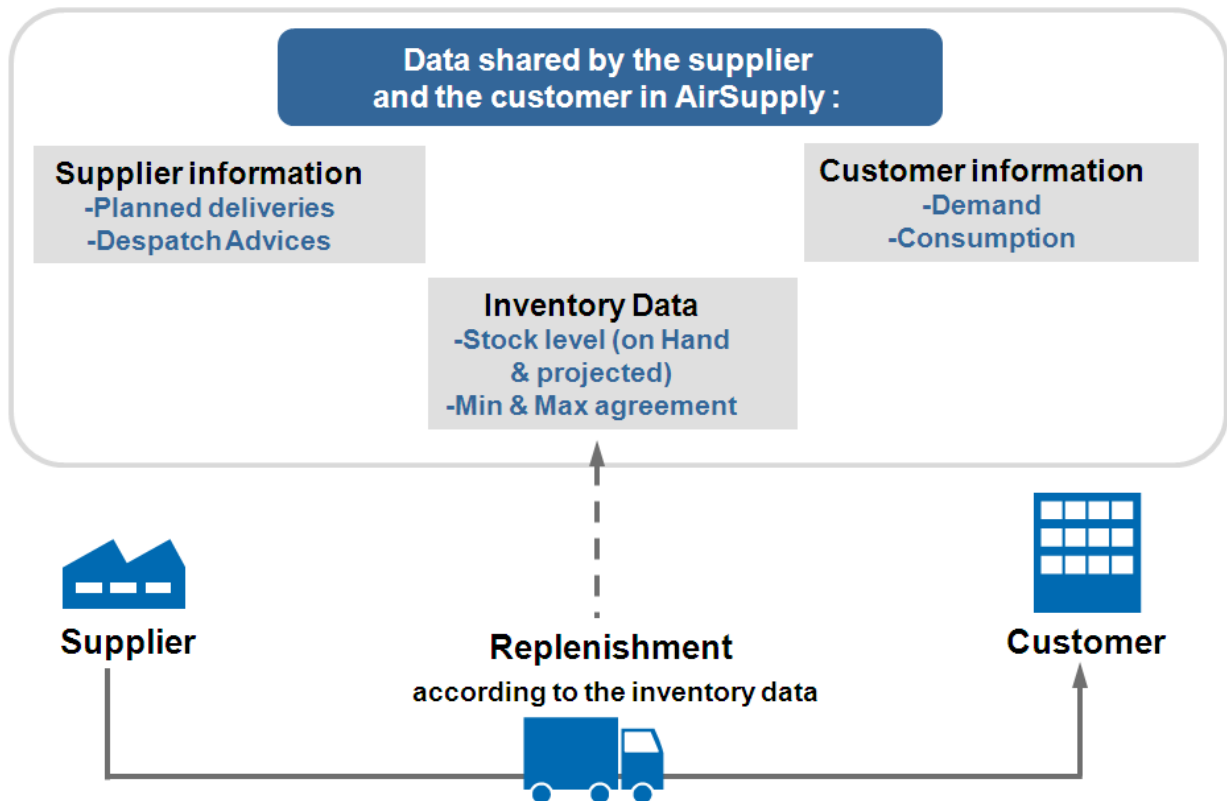


Figure 3: VMI general principles

After having agreed on a Max and Min stock level, the customer provides information on his needs (based on planned demand and real consumption). It allows the supplier, after analyzing the present and future situation, to create Planned Receipts in order to manage the stock replenishment.

1.3 Stocks levels

There are several stock types:

- Actual stock
- Available stock
- Projected Stock

1.3.1 Actual stock

The actual stock level of a material represents the quantity of goods present at the customer's site at the current time.

There are two stock types which compose the actual stock:

The 'consignment' stock

In the case of consignment stock, the goods stored at the customer's facilities belong to the supplier until they are consumed. After consumption the ownership is transferred to the customer.

The 'customer' stock


In the case of customer stock, the goods stored at the customer's facilities belong to the customer. The ownership is transferred to the customer after Goods Receipt.

The actual stock of a material has three statuses:

- Unrestricted
- Quality (in quality inspection)
- Blocked (by the customer)

1.3.2 Available stock

The available stock is the stock used in the VMI process to calculate the inventory level at the current time.

 The calculation of available stock depends on the customer configuration.

It is possible for a SupplyOn administrator to configure the available stock calculation at customer Control Point level. It can be configured regardless of whether the customer owned stock and the quality stock are part of the available stock. Same applies for the blocked stock.

In all examples of business cases described in this module, the available stock calculation is based on unrestricted consignment stock only:

Available stock = unrestricted consignment stock

Information on the actual stock is sent by the customer to AirSupply on a daily basis (Stock status: unrestricted, quality, blocked) for consignment and customer stock.

1.3.3 Projected Stock

The Projected Stock describes the evolution of the available stock in the future. It is calculated on the basis of:

- The available stock
- The customer demands:
 - Unconsumed Demands
or (depending on the customer company)
 - Gross demands
- The current In-Transit Quantities corresponding to shipped items not yet received by the customer
- The supplier's planned shipments (Planned Receipts)

**Projected Stock for the end of the time bucket =
Initial inventory – demand (or Unconsumed Demand) + In-Transit Quantity + Planned Receipts**

Note: The customer demands, planned shipment and In-Transit Quantities are described in chapter [2_VMI Workflow].

1.4 Alerts management

AirSupply operates in exception-based mode. As soon as the application detects irregular cases (for example an out of stock situation) an alert is raised.

Thanks to that, the supplier may only need to react if an alert is raised. If there are no alerts raised by AirSupply concerning a VMI material, there is no need for the supplier to perform replenishment actions for this material.

There are two types of alerts:

- Provisional alerts, (that is 'Projected Stock' alerts in AirSupply)
- Real alerts, (that is 'Stock on Hand' alerts in AirSupply)

1.4.1 Projected Stock alerts (provisional alerts)

Provisional alerts are created when the Projected Stock level is not within the contractually defined minimum and maximum levels.

Three different alerts can be raised in this situation:

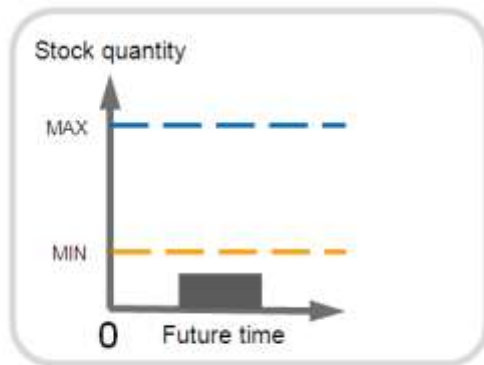
- 'Projected Stock: Out of Stock' when Projected Stock is zero or less. The Projected Stock can be negative.



Out of Stock
Projected Stock = 0 or
negative Projected Stock

Stock Out

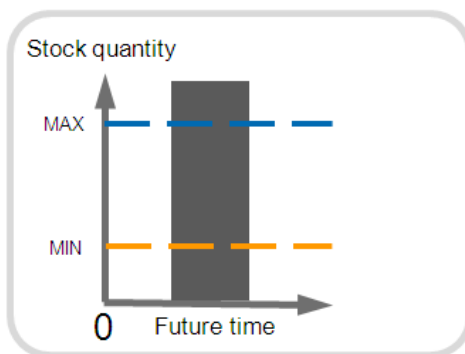
- 'Projected Stock: Below Minimum' when Projected Stock level is below the agreed minimum level.



Below Minimum
 $0 < \text{Projected Stock} < \text{Min}$

Under Min.

- 'Projected Stock: Above Maximum' when Projected Stock level is above the agreed maximum level.



Above Maximum
 $\text{Projected Stock} > \text{Max}$

Above Max.

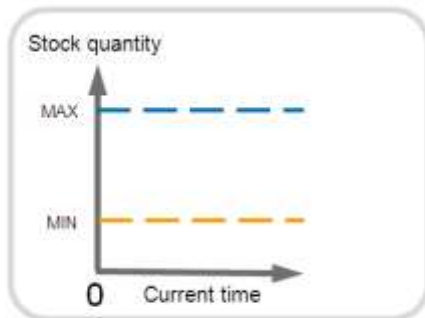
1.4.2 Stock on Hand alerts (real alerts)

Real alerts are created when the current available stock level is not within the contractually defined minimum and maximum levels.

The supplier can also define a signal stock level. If available stock is below this level, the supplier will be informed by an alert.

Four different alerts can be raised in this situation:

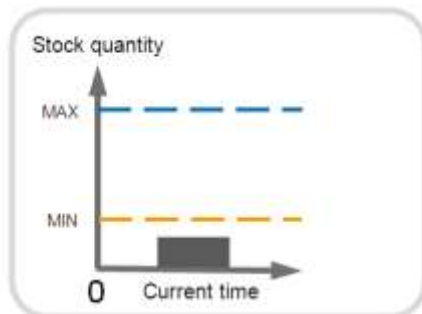
- 'Stock on Hand: Out of Stock' when current available stock level is zero.



Out of Stock
Stock on Hand = 0

Stock Out

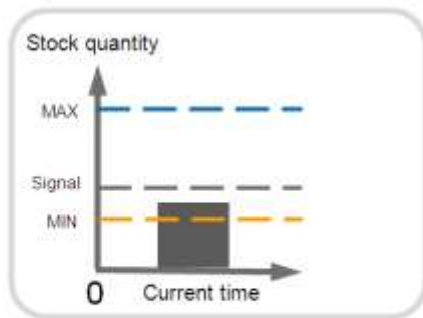
- 'Stock on Hand: Below Minimum' when current available stock level is below the agreed minimum level.



Below Minimum
 $0 < \text{Stock on Hand} < \text{Min}$

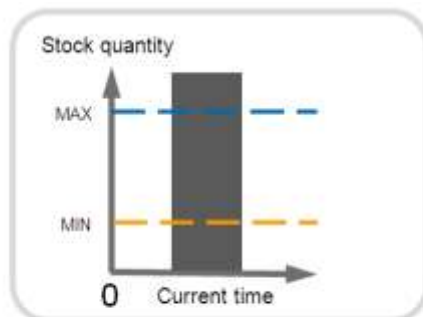
Under Min.

- 'Stock on Hand: Below Signal' when current available stock is below the signal defined by the supplier.



Below Signal (defined by the supplier)
 $\text{Min} < \text{Stock on Hand} < \text{Signal}$

- 'Stock on Hand: Above Max' when current available stock level is above the maximum.



Above Maximum
 $\text{Stock on Hand} > \text{Max}$

Above Max.

2 VMI workflow

This chapter describes the general VMI process workflow including optional steps.

The graph below shows an example of a VMI process within AirSupply. In this process chart, the final two optional steps, consignment stock and the Self Billing process, are performed by the customer.



2.1 VMI configuration / VMI material Master Data

The VMI configuration depends on the customer company.

An AirSupply customer administrator can configure:

- The inventory Min and Max level.
- The available stock calculation.
- The type of demand used to calculate the Projected Stock.

But some VMI configuration settings can be predefined in the customer ERP (such as inventory Min and Max level) and sent to AirSupply. In this case, the AirSupply customer administrator cannot modify them.

A supplier with the relevant AirSupply role can define the signal stock level.

For more information regarding VMI material Master Data details for a given material, please refer to module Master Data [RD2].

2.2 Gross demand and Unconsumed Demand

In the VMI process, demand Forecasts are replaced by gross demands and stock levels. The customer cannot modify gross demands transmitted and published in AirSupply.

AirSupply publishes the current and the gross demand messages sent from the customer ERP system and calculates the Projected Stock level.

There are two options for demand publication:

- Option 1: Stock levels and gross demands can be sent on a daily or regular basis in parallel.
- Option 2: The customer sends the stock levels on a daily basis and the gross demands on a weekly basis.

In option 2, the updated stock contains the actual system information but the demands are based on a past calculation. AirSupply also displays Unconsumed Demands.

The purpose is to decrease the demands by the consumption to reflect the real status of demands during the week (update of demands).

In this case the customer needs to send consumption messages and AirSupply calculates the Unconsumed Demands.

Unconsumed Demands = Gross Demands – Consumption

If the consumption quantity is greater than the total demand quantity, the Unconsumed Demands will reach zero. There are no negative Unconsumed Demands.



The Unconsumed Demands are used to calculate the Projected Stock.

The Unconsumed Demands calculation rules are:

- Subtract the consumption from the demands
- Start the subtraction with the earliest demand

Example 1

In this example, Gross Demands are published at the beginning of the week for all the week's buckets; consumptions are published on a daily basis.

The gross demands cannot be updated during the week.

This is why the initial demand cannot be equal to the initial consumption and why there are Unconsumed Demands.

Initial is the column for all data with dates earlier than the first shown date in the Inventory Projection. Stock on Hand = 50. There are 20 pieces with demand dates earlier than Monday. In this example the demand publication is new (in case of new demand publication: Demand = Unconsumed Demands):

	Initial	Mon	Tue	Wed	Thu	Fri
Inventory Start	50	30	25	25	15	10
Demand	20	5	0	10	5	10
Unconsumed Demands	20	5	0	10	5	10
Inventory End	30	25	25	15	10	0

Inventory start of a time period = Inventory end of the last previous time period

Stock on Hand Tuesday morning = 30 (consumption of 20 pieces on Monday):

	Initial	Tue	Wed	Thu	Fri
Inventory Start	30	25	25	15	10
Demand	25	0	10	5	10
Unconsumed Demands	5	0	10	5	10
Inventory End	25	25	15	10	0

Consumption	20
-------------	----

Demand 25 – Consumption 20 = 5 quantity of Unconsumed Demands. This data is used to calculate the Inventory End.

Example 2

In this example the consumption on Monday is greater than the published gross demand for Monday. The Unconsumed Demands are 0 in the initial bucket. The difference between the demand and the consumption (= 5) is automatically published in the next bucket.

	Mon	Tue	Wed	Thu	Fri
Inventory Start	30	30	25	20	10
Demand	25	10	5	10	0
Unconsumed Demands	0	5	5	10	0
Inventory End	30	25	20	10	10

Consumption	30
-------------	----

In this case the difference between the demand and consumption will reduce the Unconsumed Demand of the next bucket.

Consumption is published at the same time as the stock levels.

Note: The new demand publication (sent on a weekly basis) sets the Unconsumed Demands equal the Gross Demands. The calculation of inventory stock level with or without using Unconsumed Demands depends on the customer organization and on the frequency of demand publication.

2.3 Stock levels publication

Item stock levels are updated and published every day and replace stock levels calculated by AirSupply during the day.

Inventory start of a time period = Inventory end of the previous time period.

Alerts raised by AirSupply are based on the available and Projected Stock levels.

2.4 Create Planned Receipts

AirSupply allows the user to plan deliveries (called Planned Receipts) and re-calculates the Projected Stock using the entered Planned Receipts.

With Planned Receipts the application updates Projected Stock levels and provisional alerts.

This allows, the supplier to check if his replenishment strategy is compliant before shipping goods. An additional benefit is that AirSupply alerts the user in case the Projected Stock is not between Min and Max including Planned Receipts.

This enables the user to avoid future out of stock situations (Projected Stock) at an early stage. The option to create Planned Receipts is open to both parties (supplier and customer).

Only the supplier is allowed to save the Planned Receipts and to use them as a basis for the Despatch Advice creation.

The creation of Planned Receipts is optional but strongly recommended.

The way to create Planned Receipts in AirSupply is explained in chapter [3.4.3_Planned Receipts].

2.5 Shipment (In-Transit Quantity)

When the supplier ships goods (for a VMI material) using the DA process, the corresponding In-Transit Quantity is published in AirSupply.

There are two ways to create a Despatch Advice in AirSupply.

The supplier has the possibility to create a Despatch Advice based on a VMI reference (a VMI PO used to support DA and GR process) or based on the entered Planned Receipt.

The sending of a Despatch Advice to the customer has the following effects:

- In-Transit deliveries update: the shipped quantity of the Despatch Advice is automatically added to the In-Transit deliveries quantity using the estimated date of arrival of the Despatch Advice.
- Planned Receipts update: the shipped quantity of the Despatch Advice is subtracted from the Planned Receipts quantity.
- Projected Stock, provisional alerts are recalculated.

2.6 Receiving

Goods Receipts are notifications sent by the customer to the supplier referring to a VMI material.

The Goods Receipt notification includes:

- received quantity.
- cancelled quantity (to cancel a Goods Receipt that was entered in error).
- returned quantity (returned items that are of poor quality, incomplete or damaged).

The Goods Receipt process is very similar for the VMI process and Ordering process.

The customer will send the Goods Receipts notifications to the supplier when the shipment has been received and processed in his ERP system.

When the customer receives and accepts the goods (Goods Receipt status 'Received'), AirSupply will update (decrease) the In-Transit Quantity and increase the available stock.

The cancelled and returned quantity notification has no effect on the available stock.

For more information regarding the Goods Receipt process, please refer to module Receiving [RD7].

2.7 Consumption

Based on the Gross Demands if the demand is published on a weekly basis, AirSupply calculates an Unconsumed Demand field defined as **Gross Demands – Consumption**.

The aim is to reflect the real status of the demands during the week even though the demands are not updated by gross demand messages originated by the customer's ERP system.

In this case the customer needs to send consumption messages and AirSupply calculates the Unconsumed Demand.

Note: In case of 'consignment' stock, the transfer of property from the supplier to the customer is done on goods consumption.

2.8 Stock movement

The stock movements cover several different message types (or processes). Two of them, the Goods Receipt and the consumption message affect the VMI process.

The following table shows links between stock movements, stock levels and other data types:

↑ Demand or Unconsumed Demands	↓ Projected Stock
↑ Consumption	↓ Unconsumed Demand
↑ Despatch Advice sent	↑ In-Transit
↑ Planned Receipts	↑ Projected Stock
↑ In-Transit	↑ Projected Stock
↑ Good receipts	↓ In-Transit
↑ Good receipts	↑ Available stock
↑ In-Transit	↓ Planned Receipts

Table 1: Links between stock movement, stock levels and VMI data types

Reminder:

- $\text{Projected Stock for the end of the time bucket} = \text{Initial inventory} - \text{demand (or Unconsumed Demand)} + \text{In-Transit Quantity} + \text{Planned Receipts}$
- $\text{Unconsumed Demands} = \text{Gross Demands} - \text{Consumption}$

2.9 Self billing

The Self Billing Invoice (SBI) is linked to consignment stock.

A Self Billing Invoice is a special type of invoice where the customer generates an invoice for the supplier. The SBI creation is done in the customer ERP system.

The customer consumes goods and publishes corresponding consumption messages in the customer ERP and in AirSupply systems. The consumption form the basis of the SBI creation.

For more information regarding the Self Billing process, please refer to module Self Billing [RD8].

3 How to manage VMI in AirSupply

3.1 Rights and permissions

Each user can have one or several roles in AirSupply and a supplier or a customer needs to have the relevant role to manage and configure VMI materials.

The following assigned AirSupply related roles can manage the VMI process:

- AirbSellerConfigAdmin
- AirbSellerSales
- AirbSellerVMI

Note: The above roles correspond to Airbus customers. Other industrials roles will have a different coding.

3.2 User roles

This training guide is illustrated by screenshots involving the following user roles.

Supplier Officer:

- AirbSellerAdminRead
- AirbSellerConfigAdmin
- AirbSellerOrder
- AirbSellerSales
- AirbSellerShip
- AirbSellerSparesResponsible
- AirbSellerVMI
- UM Default.

Customer Officer:

- AirbBuyerAccountsPayable
- AirbBuyerAdminread
- AirbBuyerOrderingOfficer
- UM Default.

Supplier Administrator:

- AirbSellerAdminRead
- AirbSellerM2Madmin
- ControlPointAdmin
- NetworklinkAdmin

Customer Administrator

- AirbBuyerAdminread
- UM Default
- UM Reset Password Role
- UM View User Profiles Role

3.3 VMI configuration

The VMI configuration depends on the customer company and on the VMI configuration settings which are predefined by the customer ERP system.

The customer can configure some VMI parameters for a material or for a customer site.

The supplier can configure some VMI parameters for a material or for a supplier site.

If there is no default VMI configuration for a material, the applied configuration will be the predefined configuration for the site.

Note: If you have specific questions on the VMI configuration of your company, please contact your administrator.

3.3.1 VMI configuration by the customer

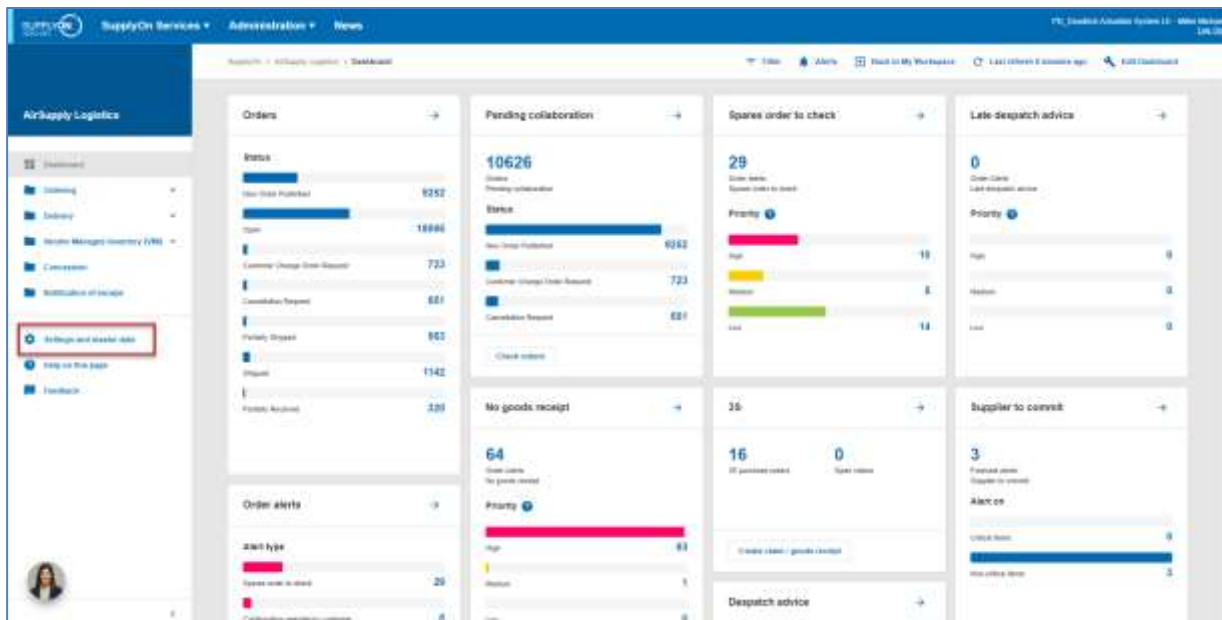
3.3.1.1 VMI configuration for a customer site

The VMI configuration for a customer company and site is managed in most of the cases by an administrator (i.e. AirbSellerConfigAdmin).

For more information, please refer to the Dashboard module [RD3].

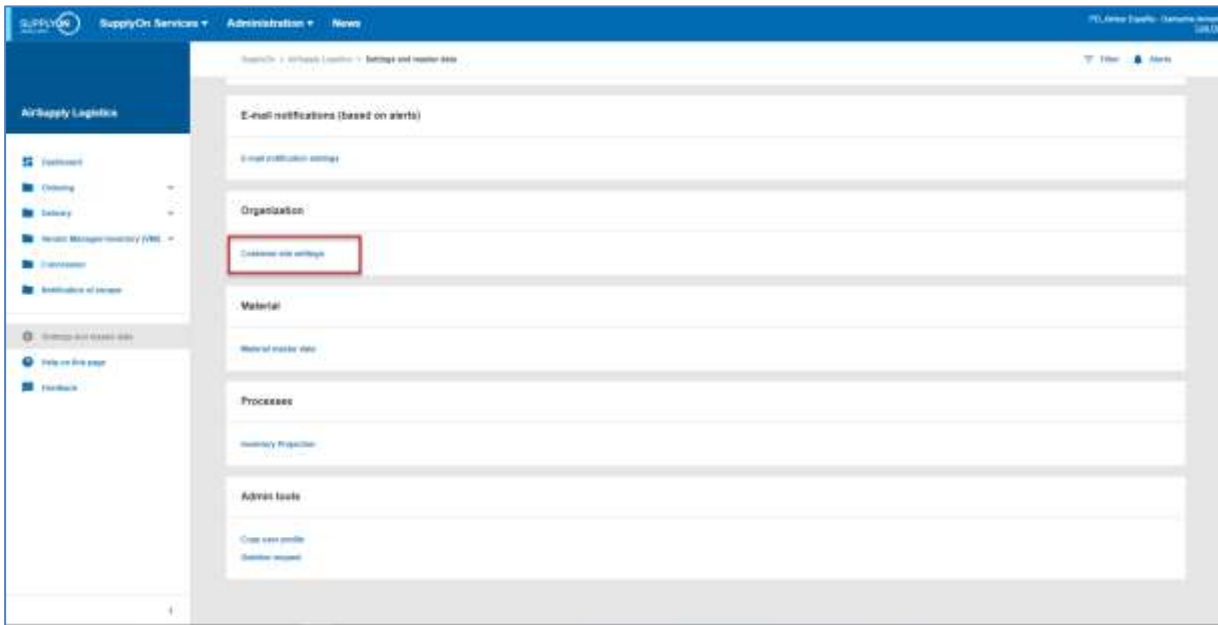
If you have the relevant AirSupply role you can define the default VMI configuration for each customer site.

Click “Settings and master data”.



The page “Settings and master data” is displayed.

Click “Customer site settings”.



The figure below shows the ‘Customer Site Settings’ page.

Cust. Site	ERP Plant	Cust. Org.	Material Grouping Level	Minimum Stock	Signal Stock Quantity	Maximum Stock	Stock Type	Rounding Delivery Quantity	Minimum Delivery Quantity	Averaging Per
DEFAULT	DEFAULT		DEFAULT	5 000	0	10 000	EA	100	1 000	28
NR11	1110	ASTBUYCG1LE1	S>=&{ }	5 000	0	10 000	EA	100	1 000	28S
NR12	1120	ASTBUYCG1LE1	DEFAULT	5 000	0	10 000	EA	100	1 000	28
MS1	1200	ASTBUYCG1LE2	DEFAULT	5 000	0	10 000	EA	100	1 000	28
NR13	1130	ASTBUYCG1LE1	DEFAULT	5 000	0	10 000	EA	100	1 000	28
NR14	1140	ASTBUYCG1LE1	DEFAULT	5 000	0	10 000	EA	100	1 000	28

Note: The description of each column in this table is available in chapter [5_Appendix] at the end of the module.

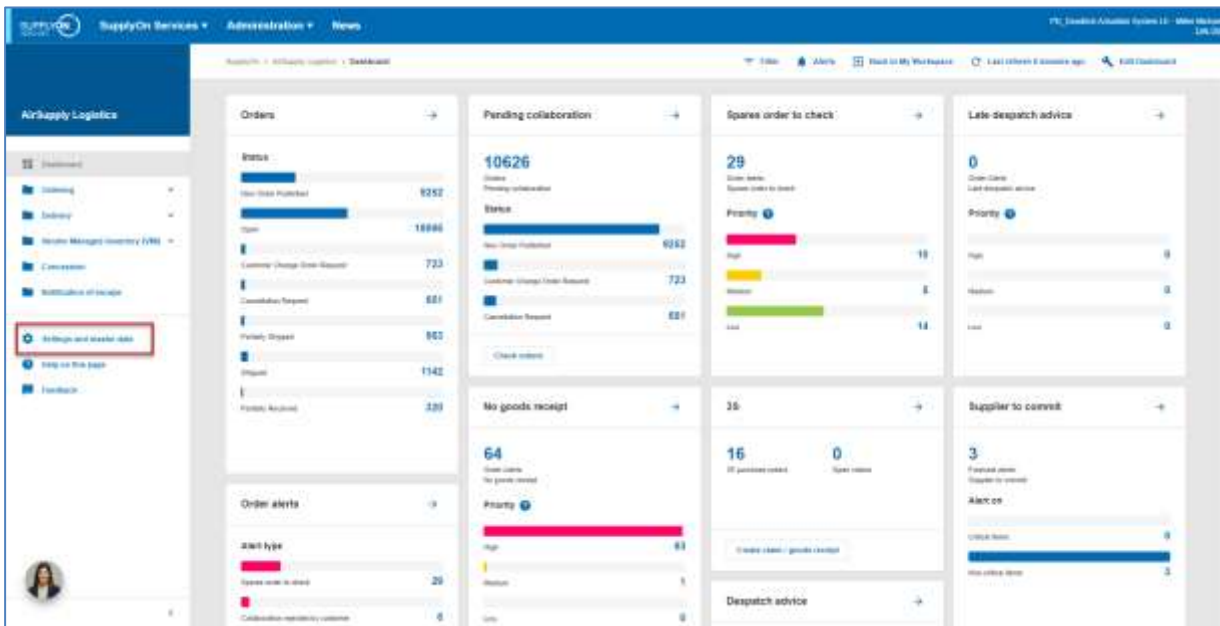
3.3.1.2 Material Master Data configuration

Depending on the customer company, it is possible to assign the VMI process in AirSupply as Process Key for a material.

Note: Other customers set the VMI parameters via a Material Master Data interface, created in the customer's ERP system.

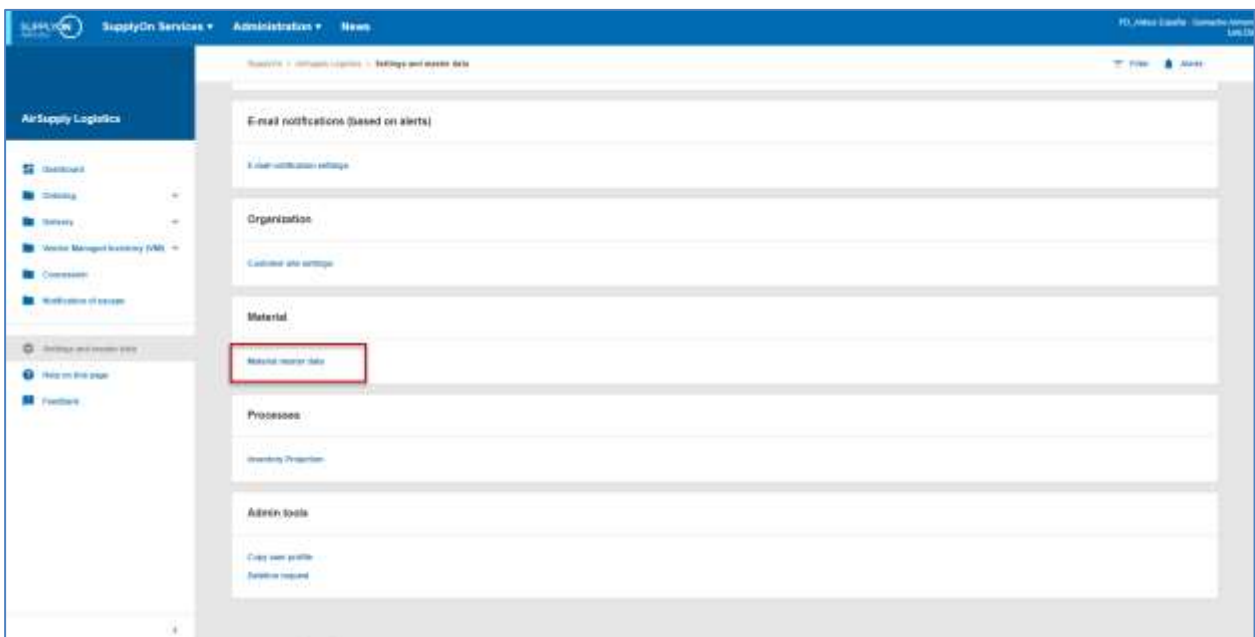
To assign the VMI process as Process Key for a material, please follow the steps below.

Click “Settings and master data”.



The page “Settings and master data” is displayed.

Click “Material master data”.



In the 'Material Master Data' screen, you can see the Process Key for each displayed material in the 'Process Key' column.

Cust. O.	ERP Plant	Supplier Site_City	Supp. Loc. No.	Cust. Mat. No. *	Cust. Mat. Desc.	Supp. Mat. No.	Supplier Material Description	Process Key	Ord. Off. Code
ASTBU...	1110	TRAINING@ 002-Sup...	55820494	AME90_VMI_SCEH_1_AFR	<script>alert(5);</script>	<script>alert(1);</script>	<script>alert(1);</script>	NON_VMI	AUK_OOC_UJ
ASTBU...	1110	TRAINING@ 002-Sup...	55820494	CMN-ah-002_FC1_79	TUBE TA5070 3X6 B. WASH.	SMN-ah-002_F	TA5070 3X6 TUBE	NON_VMI	AUK_OOC_UJ
ASTBU...	1110	TRAINING@ 002-Sup...	55820494	CMN-ah-002_FC1_80	TUBE TA5070 3X6 B. WASH.	SMN-ah-002_F	TA5070 3X6 TUBE	NON_VMI	AUK_OOC_UJ
ASTBU...	1110	TRAINING@ 002-Sup...	55820494	CMN-ah-002_FC1_81	TUBE TA5070 3X6 B. WASH.	SMN-ah-002_F	TA5070 3X6 TUBE	NON_VMI	AUK_OOC_UJ
ASTBU...	1110	TRAINING@ 002-Sup...	55820494	CMN-ah-002_FC1_82	TUBE TA5070 3X6 B. WASH.	SMN-ah-002_F	TA5070 3X6 TUBE	NON_VMI	AUK_OOC_UJ
ASTBU...	1110	TRAINING@ 002-Sup...	55820494	CMN-ah-002_FC1_83	TUBE TA5070 3X6 B. WASH.	SMN-ah-002_F	TA5070 3X6 TUBE	NON_VMI	AUK_OOC_UJ
ASTBU...	1110	TRAINING@ 002-Sup...	55820494	CMN-ah-002_FC1_84	TUBE TA5070 3X6 B. WASH.	SMN-ah-002_F	TA5070 3X6 TUBE	NON_VMI	AUK_OOC_UJ
ASTBU...	1110	TRAINING@ 002-Sup...	55820494	CMN-ah-002_FC1_85	TUBE TA5070 3X6 B. WASH.	SMN-ah-002_F	TA5070 3X6 TUBE	NON_VMI	AUK_OOC_UJ
ASTBU...	1110	TRAINING@ 002-Sup...	55820494	CMN-ah-002_FC1_86	TUBE TA5070 3X6 B. WASH.	SMN-ah-002_F	TA5070 3X6 TUBE	NON_VMI	AUK_OOC_UJ
ASTBU...	1110	TRAINING@ 002-Sup...	55820494	CMN-ah-002_FC1_87	TUBE TA5070 3X6 B. WASH.	SMN-ah-002_F	TA5070 3X6 TUBE	NON_VMI	AUK_OOC_UJ

Note: The description of each column in this table is available in chapter [5_Appendix] at the end of the module.

Select the material you want to assign the VMI process to and click the 'Details' button.

Cust. O.	ERP Plant	Supplier Site_City	Supp. Loc. No.	Cust. Mat. No. *	Cust. Mat. Desc.	Supp. Mat. No.	Supp. Mat. Desc.	Process Key	Ord. Off. Code
<input checked="" type="checkbox"/>	ASTBU...	1110	Sup_Airfoil_2_Covent...	AME90_VMI_SCEH_1_AFR	<script>alert(5);</script>	<script>alert(1);</script>	<script>alert(1);</script>	NON_VMI	AUK_OOC_UJ
<input type="checkbox"/>	ASTBU...	1110	Sup_Mechanik_3_Utt...	46955943	CMN-CG_MECH-1018	SMN-CG_MECH...	2157-Holder	NON_VMI	AUK_OOC_IM
<input type="checkbox"/>	ASTBU...	1110	Sup_Mechanik_3_Utt...	46955943	CMN-CG_MECH-1020	SMN-CG_MECH...	2190-Holder	NON_VMI	AUK_OOC_IM
<input type="checkbox"/>	ASTBU...	1110	Sup_Mechanik_3_Utt...	46955943	CMN-CG_MECH-1021	SMN-CG_MECH...	30002-Connector	NON_VMI	AUK_OOC_IM
<input type="checkbox"/>	ASTBU...	1110	Sup_Mechanik_3_Utt...	CMN-CG_002-0007	TUBE TA5070 3X6 B. WASH.	SMN-CG_MEC...	TA5070 3X6 TUBE	NON_VMI	AUK_OOC_UJ
<input type="checkbox"/>	ASTBU...	1110	Sup_Airfoil_2_Covent...	CMN-CG_002-0007	TUBE TA5070 3X6 B. WASH.	SMN-R_002-0007	TA5070 3X6 TUBE	NON_VMI	AUK_OOC_UJ
<input type="checkbox"/>	ASTBU...	1110	Sup_Airfoil_2_Covent...	CMN-CG_002-0008	TUBE TA5070 3X6 B. WASH.	SMN-R_002-0018	Test CGU - to be deleted	NON_VMI	AUK_OOC_UJ
<input type="checkbox"/>	ASTBU...	1110	Sup_Mechanik_3_Utt...	CMN-CG_002-0008	TUBE TA5070 3X6 B. WASH.	SMN-CG_MEC...	TA5070 3X6 TUBE	NON_VMI	AUK_OOC_UJ
<input type="checkbox"/>	ASTBU...	1110	Sup_Mechanik_3_Utt...	CMN-CG_002-0009	TUBE TA5070 3X6 B. WASH.	SMN-CG_MEC...	TA5070 3X6 TUBE	NON_VMI	AUK_OOC_UJ
<input type="checkbox"/>	ASTBU...	1110	Sup_Airfoil_2_Covent...	CMN-CG_002-0009	TUBE TA5070 3X6 B. WASH.	SMN-R_002-0009	TA5070 3X6 TUBE	NON_VMI	AUK_OOC_UJ



In the 'Material Details' screen, select the VMI-STD (VMI Standard) as Process Key:

The screenshot shows the 'Material Master Data' screen for material CMN-200-005. The 'Process Key' dropdown menu is open, showing three options: 'NON_VMI', 'NON_VMI', and 'VMI-STD'. The 'VMI-STD' option is highlighted in blue. The 'Other Parameters' section is visible below the dropdown.

A close-up view of the 'Process Key' dropdown menu. The 'VMI-STD' option is selected and highlighted in blue. A magnifying glass icon is positioned to the left of the dropdown.

Once you perform the change, the screen displays the changes and new fields appear.

The screenshot shows the 'Material Master Data' screen after the 'Process Key' has been changed to 'VMI-STD'. The 'VMI Inventory Thresholds' and 'VMI Quantity Constraints' sections are highlighted with a red border. The 'VMI Inventory Thresholds' section includes fields for 'Minimum Stock Quantity' (800), 'Signal Stock Quantity' (0), and 'Maximum Stock Quantity' (1300). The 'VMI Quantity Constraints' section includes fields for 'Rounding Delivery Quantity' (10) and 'Minimum Delivery Quantity' (20). The 'VMI Other Parameters' section includes fields for 'Averaging Period' (20 Day(s)), 'Transportation Time' (12 Hours), 'Reorder Quantity Factor' (80 %), and 'Reorder Point Factor' (80 %). A magnifying glass icon is positioned over the 'Transportation Time' field.

VMI Inventory Thresholds			
Minimum Stock Quantity:	000		
Signal Stock Quantity:	0		
Maximum Stock Quantity:	1 300		
VMI Quantity Constraints			
Rounding Delivery Quantity:	10		
Minimum Delivery Quantity:	20		
VMI Other Parameters			
Averaging Period:	20	Days	
Transportation Time:	12	Hours	
		Reorder Quantity Factor:	80 %
		Reorder Point Factor:	80 %

If you have the relevant role, you can change the minimum and maximum stock level (1), the rounding and the minimum delivery quantity (2), the averaging period and the VMI transportation time (3). The customer can choose a stock type (the unit of measure for min / max stock in quantities or days (4)).

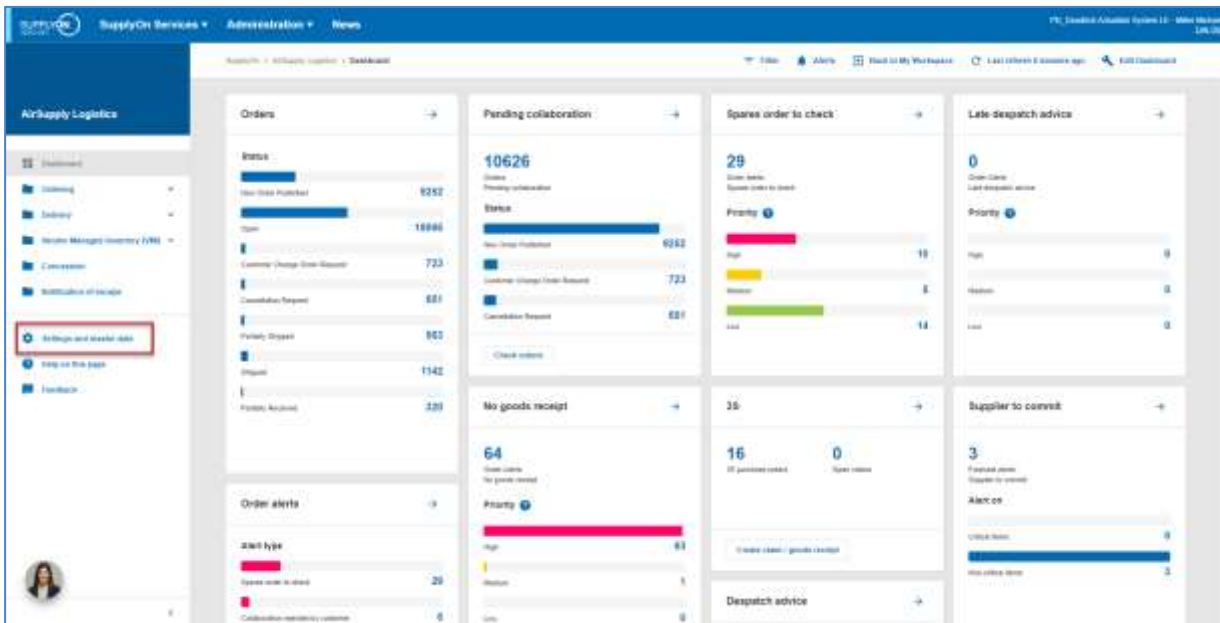
To save the configuration, click the 'Save' button at the bottom of the 'Material Details' screen.

3.3.2 VMI configuration by the supplier

3.3.2.1 VMI configuration for a supplier site

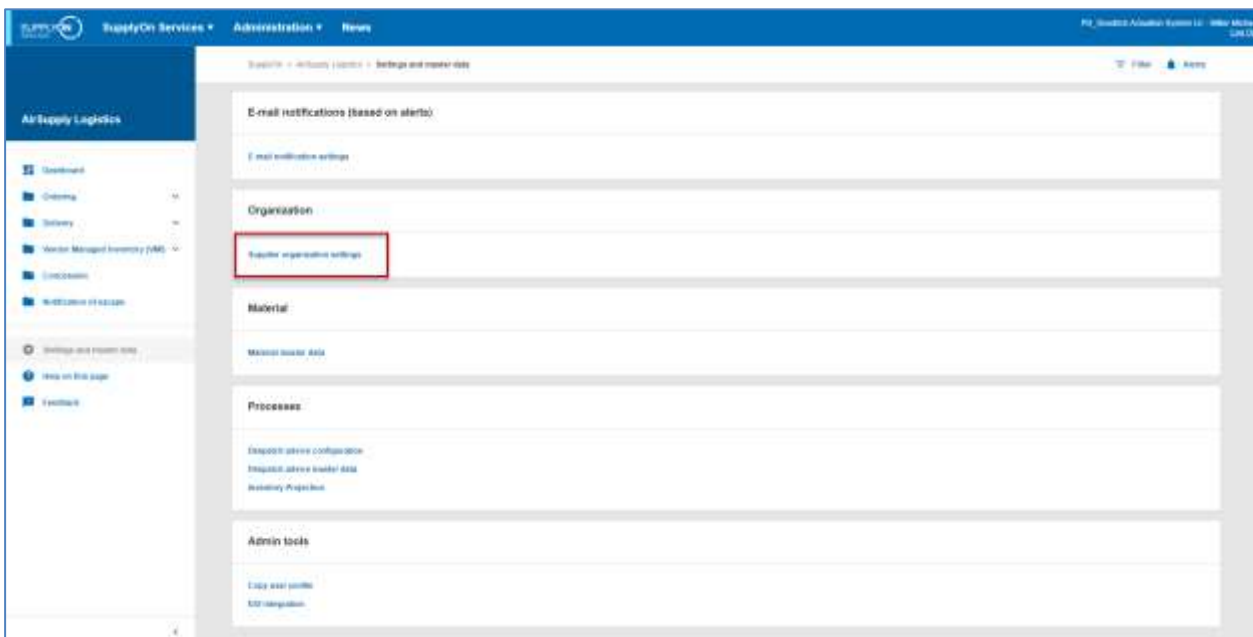
In the 'Supplier Organisation Settings' page, you can find default settings for the Inventory Projection of the supplier site.

Click "Settings and master data".



The page "Settings and master data" is displayed.

Click "Supplier organization settings".



The following screenshot shows the supplier 'Organisation Settings' screen. Depending on your role you might have read only access or the ability to change the default values.

	Supp. Org. Specific	AirSupply Default
VMI Planned Receipts Quantity Control		
Reorder Quantity Factor ¹	80	80
Reorder Point Factor ²	80	80
Period for VMI Alert Occurrence and Planned Receipts (in days)		
³	45	150

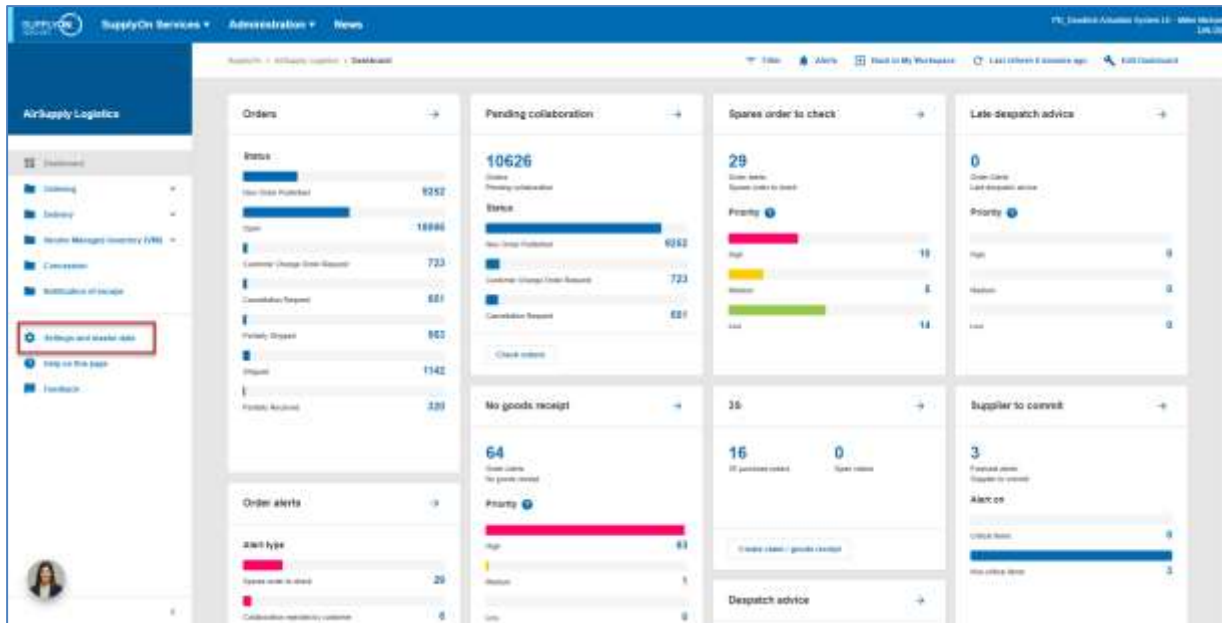
1 Reorder Quantity Factor	Controls the amount of Planned Receipts generation. The factor represents the difference between minimum and maximum stock quantity. The value 100% means that Planned Receipts are generated until the maximum stock quantity is reached.
2 Reorder Point Factor	Controls when Planned Receipts are generated. The factor represents the point between minimum and maximum stock quantity that generates Planned Receipts if the value falls below it. The value 100% means that Planned Receipts are generated only if the minimum stock quantity is reached.
3 Period for VMI Alert Occurrence and Planned Receipts (in days)	Is used to limit the calculation of Projected Stock alerts within the configured supplier site specific period. No alert is raised if a Projected Stock alert occurs after the configured time. This parameter is also used to define the default timeframe in which the supplier is able to generate Planned Receipts.

For the VMI parameters section, refer to chapter [3.5.1.4_Inventory Projection screen configuration].

3.3.2.2 Material Master Data configuration

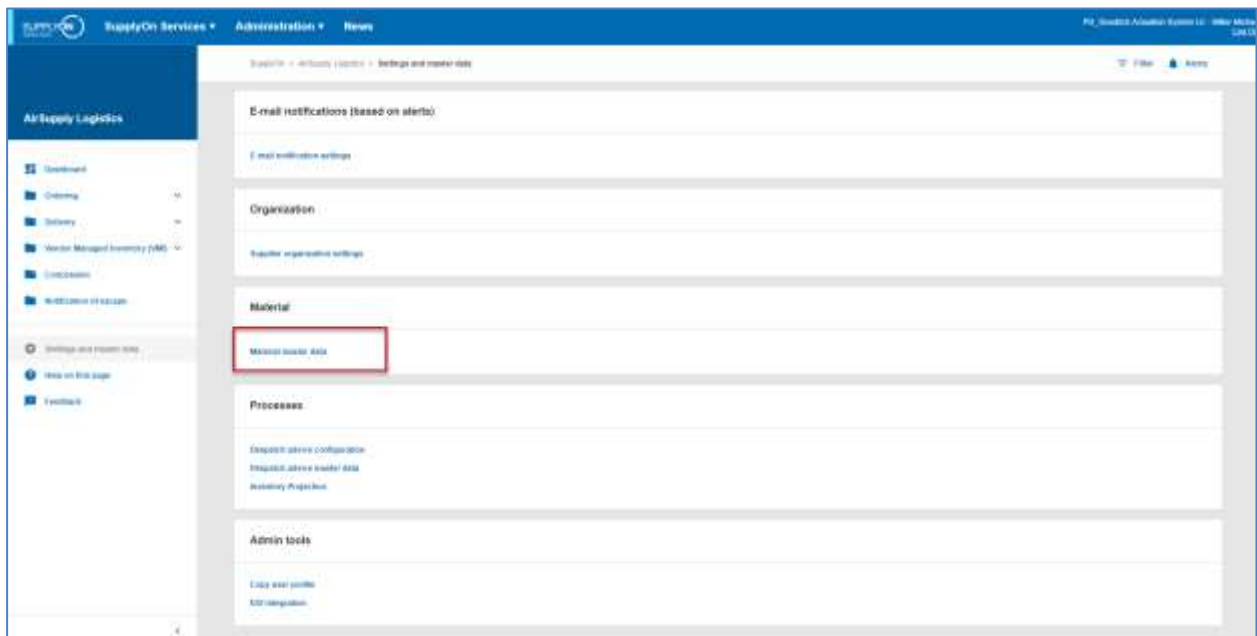
As a supplier user you cannot change the Process Key assigned to a material but you can configure some VMI parameters (if you have the relevant role).

Click “Settings and master data”.



The page “Settings and master data” is displayed.

Click “Material master data”.



In the 'Material Master Data' screen select a VMI material and click the 'Details' button to configure and customize the VMI parameters as shown below:

Quick Search | Advanced Search

Search | Reset

Add line | Delete line

My search profiles

Material Master Data

SupplyOn Def. View

Cust. Gr.	Cust. Cr.	ERP Plant	Cust. Mat. No.	Cust. Mat. Desc.	Supp. Mat. No.	Supplier Material	Process Key	Ord. Off Name	Ord. Off Phone	Supplier Planner
<input checked="" type="checkbox"/>	AIRBUS S.	ASTBU	1110	CMN-CG_002-2010	Support Bracket	SMN-CG_002	Support Bracket VMI STD	Judy Jilings	+44 1179 99	
<input type="checkbox"/>	AIRBUS S.	ASTBU	1110	CMN-CG_002-2011	Lever 445	SMN-CG_002	Lever 44567 VMI STD	James Martin	+44 1179 99	
<input type="checkbox"/>	AIRBUS S.	ASTBU	1110	CMN-CG_002-2012	Handle Fixture long	SMN-CG_002	Handle 4557 VMI STD	Judy Jilings	+44 1179 99	
<input type="checkbox"/>	AIRBUS S.	ASTBU	1110	CMN-P-002_V1_01	Support Bracket	SMN-P-002_V1	Support Ramp VMI STD	Judy Jilings	+44 1179 99	
<input type="checkbox"/>	AIRBUS S.	ASTBU	1110	CMN-P-002_V2_01	Lever 445	SMN-P-002_V2	Lever 44567 VMI STD	Judy Jilings	+44 1179 99	
<input type="checkbox"/>	AIRBUS S.	ASTBU	1110	CMN-P-002_V3_01	Handle Fixture long	SMN-P-002_V3	Handle 4557 VMI STD	Judy Jilings	+44 1179 99	
<input type="checkbox"/>	AIRBUS S.	ASTBU	1110	CMN-P_002-2010	Support Bracket	SMN-P_002-20	Support Bracket VMI STD	Judy Jilings	+44 1179 99	
<input type="checkbox"/>	AIRBUS S.	ASTBU	1110	CMN-P_002-2011	Lever 445	SMN-P_002-20	Lever 44567 VMI STD	James Martin	+44 1179 99	
<input type="checkbox"/>	AIRBUS S.	ASTBU	1110	CMN-P_002-2012	Handle Fixture long	SMN-P_002-20	Handle 4557 VMI STD	Judy Jilings	+44 1179 99	
<input type="checkbox"/>	AIRBUS S.	ASTBU	1110	CMN-R-002-2001	Support Bracket	SMN-R-002-20	Support Bracket VMI STD	Judy Jilings	+44 1179 99	

Back Download Upload XLS Details History Send E-Mail

309 entries: Select all Matches on Page | Select all Matches | Clear Selection

Entries per page 10

Page 1 of 31

Material Master Data

Material Details: CMN-CG_002-2010

Organisation Details

Customer Organisation: ASTBU/CG1LE1 / AIRBUS UK

Supplier Org.: AST9ELC02LE1 / TRAINING@ 002-SupAir_Coventry 49

Cust. Site: 1110 / AIR11

Supp. No.: 900223447

Ordering Officer Name: Judy Jilings

Supplier Planner Code:

Ordering Officer Code: AUK_OOC_UJ

Ordering Officer Phone: +44 1179 99 3832

Material Details

Customer Material Number: CMN-CG_002-2010

Supplier Material Number: SMN-CG_002-2010

Customer Material Description: Support Bracket

Supplier Material Description: Support Bracket

Process Key: VMI STD

Supplier Material Number Proposal: SMN-CG_002-2010

Supplier Material Description Proposal: Support Bracket

VMI Inventory Thresholds

Minimum Stock Quantity: 1 500 PCE

Stock type: QTY (PCE)

Signal Stock Quantity: 0 PCE

Unit of Measure: PCE

Maximum Stock Quantity: 5 000 PCE

VMI Quantity Constraints

Rounding Delivery Quantity: 100 PCE

Minimum Delivery Quantity: 100 PCE

VMI Other Parameters

Averaging Period: 20 Day(s)

Reorder Quantity Factor: 80 %

Transportation Time: 36 Hours

Reorder Point Factor: 80 %

Other Parameters

Back Save Undo Changes History Send E-Mail

VMI Inventory Thresholds

Minimum Stock Quantity: 1 500 PCE

Stock type: QTY (PCE)

Signal Stock Quantity: 0 PCE 1

Unit of Measure: PCE

Maximum Stock Quantity: 5 000 PCE

VMI Quantity Constraints

Rounding Delivery Quantity: 100 PCE 2

Minimum Delivery Quantity: 100 PCE

VMI Other Parameters

Averaging Period: 20 Day(s)

Reorder Quantity Factor: 80 %

Transportation Time: 36 Hours 3

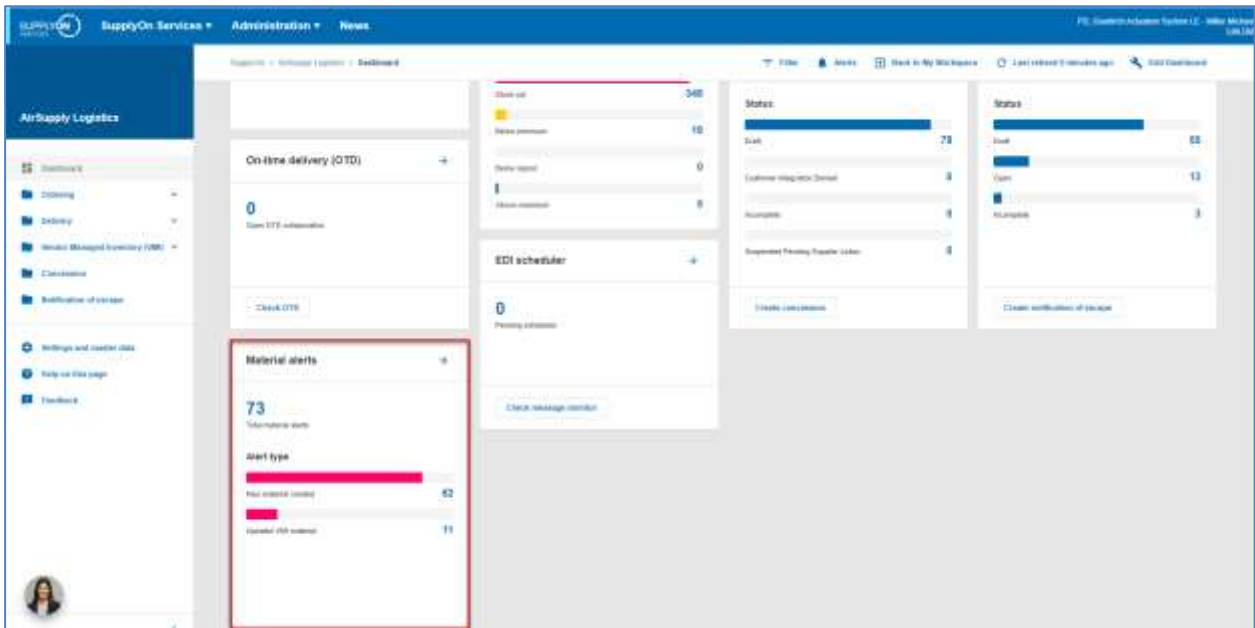
Reorder Point Factor: 80 %

1 Signal Stock Quantity	Is used within the below signal alert and allows the user to be informed when the Projected Stock reaches a particular level defined by the supplier. This value only applies if the unit of measure of the stock type is not equal to 'days'. Using the signal alert, the supplier is able to anticipate a minimum stock situation.	
2 VMI Quantity Constraints	Rounding Delivery Quantity	The factor used to round up the shipment quantity. Example: 1058 items would be required in order to replenish the stock to the maximum level. The rounding delivery quantity is 50. This results in a shipment quantity of 1050.
	Minimum Delivery Quantity	The smallest material quantity that can be delivered.
3 Transportation Time	The standard transportation time for the material from the 'to ship-from' to the 'ship-to' address.	

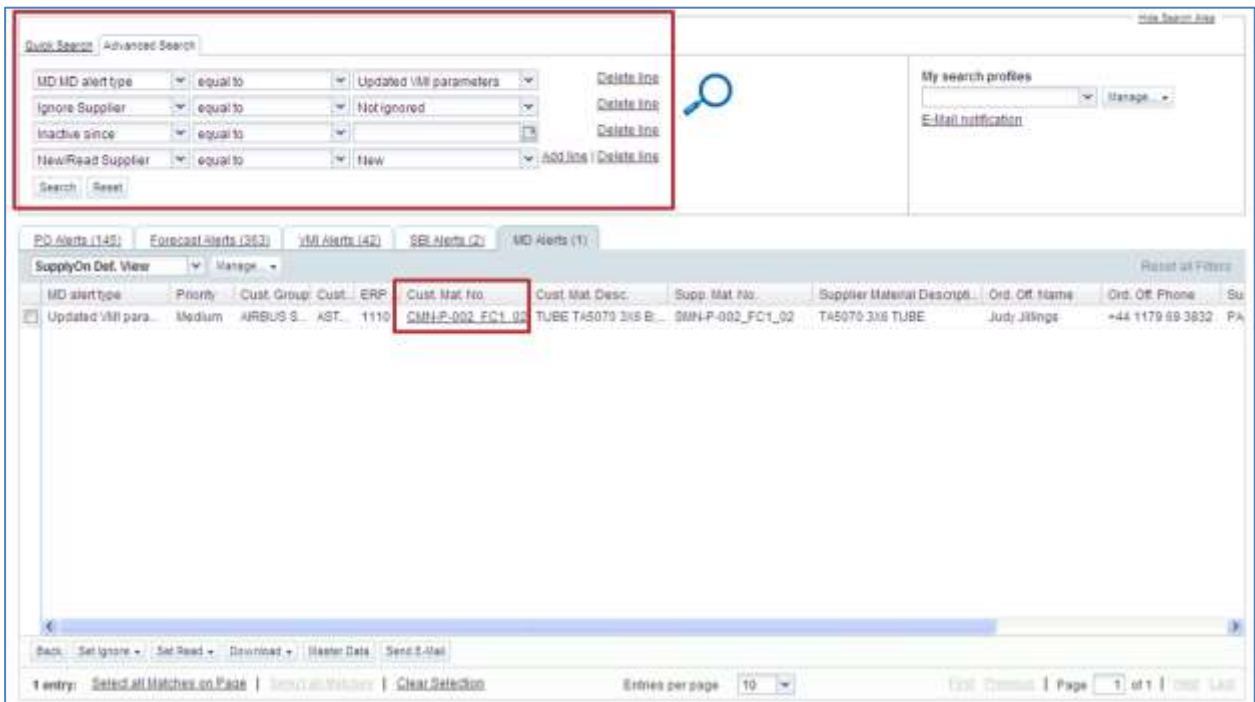
Do not forget to click the 'Save' button to save your configuration.

3.3.3 Alert for updated VMI parameters

The “Material alerts” card for VMI parameters alert changes is shown below.



By clicking the alert count you get to the 'Alert Overview' screen. In this screen a predefined search has been done by AirSupply on changed VMI materials.





Quick Search Advanced Search

MD MD alert type	equal to	Updated VMI parameters	Delete line
Ignore Supplier	equal to	Not ignored	Delete line
Inactive since	equal to		Delete line
New/Read Supplier	equal to	New	Add line Delete line

Search Reset

By clicking the customer material number in the 'Cust. Mat. No' column you get to the 'Material Master Data' details screen.

Material Master Data

Material Details: CMH-P-002_FC1_02

Organisation Details

Customer Organisation:	A5TBUYCG1LE1 / AIRBUS UK	Supplier Org.:	A5TSELGG2LE1 / TRAINING@ 302-Supplr_Coventry 49
Cust. Site:	1110 / AIR11	Supp. No.:	000223447
Ordering Officer Name:	Judy Jilings	Supplier Planner Code:	PAS002
Ordering Officer Code:	AUK_OOC_JJ		
Ordering Officer Phone:	+44 1179 99 3832		

Material Details

Customer Material Number:	CMH-P-002_FC1_02	Supplier Material Number:	SMH-P-002_FC1_02
Customer Material Description:	TUBE TA5070 3x0 B: WASHER TUBE B W	Supplier Material Description:	TA5070 3x0 TUBE
Process Key:	NON_VMI	Supplier Material Number Proposal:	SMH-P-002_FC1_02
		Supplier Material Description Proposal:	TA5070 3x0 TUBE

Other Parameters

FlexibleField1 Customer:		FlexibleField1 Supplier:	
FlexibleField2 Customer:		FlexibleField2 Supplier:	
Comment:			

Back Save Undo Changes History Send E-Mail

For further details on this screen refer to chapter [3.3.2.2_Material Master Data configuration].

3.3.4 Material Master Data History

All configuration changes for a given material are displayed in the 'Material Master Data History' screen.

This screen can be accessed from the 'Material Master Data' screen and from the 'Material Details' screen.

To access the 'Material Master Data History', click the 'History' button as shown below.

The screenshot shows the 'Material Master Data' screen for material CMH-F-002_FC1_02. It is divided into several sections: 'Organisation Details', 'Material Details', and 'Other Parameters'. At the bottom, there are buttons for 'Back', 'Save', 'Undo Change', 'History' (highlighted with a red box), and 'Save & Exit'.

The 'Material Master Data History' is shown in the following screen:

The screenshot shows the 'Material Master Data History' screen. It displays a table of change history for material CMH-F-002_FC1_02, with changes from 15.06.2010 to 15.06.2011. The table has columns for Change-ID, Timestamp, Field, Old value, New value, User's name, User ID, Action, and Source. The 'History' button at the bottom is highlighted with a red box.

Change-ID	Timestamp	Field	Old value	New value	User's name	User ID	Action	Source
CL-20606	15.06.2011 09:20	Averaging Period	200		pascal mazyer	adminbuyairbus	Modified	MATERIAL_CHANGE_UI
CL-20608	15.06.2011 09:20	Maximum Stock	10 000	 	pascal mazyer	adminbuyairbus	Modified	MATERIAL_CHANGE_UI
CL-20606	15.06.2011 09:20	Minimum Delivery Quantity	1 000	 	pascal mazyer	adminbuyairbus	Modified	MATERIAL_CHANGE_UI
CL-20608	15.06.2011 09:20	Minimum Stock	5 000	 	pascal mazyer	adminbuyairbus	Modified	MATERIAL_CHANGE_UI
CL-20606	15.06.2011 09:20	Process Key	VM_STD	NON_VMI	pascal mazyer	adminbuyairbus	Modified	MATERIAL_CHANGE_UI
CL-20606	15.06.2011 09:20	Rounding Delivery Quantity	100	 	pascal mazyer	adminbuyairbus	Modified	MATERIAL_CHANGE_UI
CL-20606	15.06.2011 09:20	Transportation Time	99		pascal mazyer	adminbuyairbus	Modified	MATERIAL_CHANGE_UI
CL-20605	15.06.2011 09:20	Averaging Period		200	pascal mazyer	adminbuyairbus	Modified	MATERIAL_CHANGE_UI
CL-20605	15.06.2011 09:20	Maximum Stock	 	10 000	pascal mazyer	adminbuyairbus	Modified	MATERIAL_CHANGE_UI
CL-20605	15.06.2011 09:20	Minimum Delivery Quantity	 	1 000	pascal mazyer	adminbuyairbus	Modified	MATERIAL_CHANGE_UI

The following columns are displayed:

Change-ID	ID of the change.
Timestamp	Date and time of the modification.
Field	The field of the Master Data in which the change was performed.
Old value	Old value (for example previous Supplier Material Description). If empty then the field was empty before the change.
New value	New value (for example new Supplier Material Description). If no further change to this field was made, the field still has this value.
User's name	Name of the user who has made the change. If the change is done by the system, 'SYSTEM' is displayed.
User ID	ID of the user who has made the change. If the change is done by the system, 'SYSTEM' is displayed.
Action	Action done (Modified, Added or Deleted).
Source	The source of the change(s).

By default all changes of the last 365 days are shown. In order to reduce or expand the time frame, use the date picker and click the button "Search" as in the example shown below.

The screenshot shows the 'Material Master Data History' interface. At the top, there is a 'SupplyOn Def. View' dropdown and a 'Manage...' button. Below this, a search bar contains the text 'Change history for CUB-CG_002-0008 - Changes from 04.04.2010 to 12.04.2011 Search'. The date range '04.04.2010 to 12.04.2011' is highlighted with a red box. Below the search bar is a table with the following columns: Change-ID, Timestamp, Field, Old value, New value, User's name, User ID, Action, and Source. The table contains two rows of data:

Change-ID	Timestamp	Field	Old value	New value	User's name	User ID	Action	Source
CL-5504	28.03.2011 11:20	Supplier Material Descript..	T45070 3X6 TUBE	Test CGU - to be del.	Cindy Miller	officer1-s-airfoi	Modified	MATERIAL_CHANGE_XLS...
CL-5504	28.03.2011 11:20	Supplier Material Number	SMR-R_002-0008	SMR-R_002-0018	Cindy Miller	officer1-s-airfoi	Modified	MATERIAL_CHANGE_XLS...

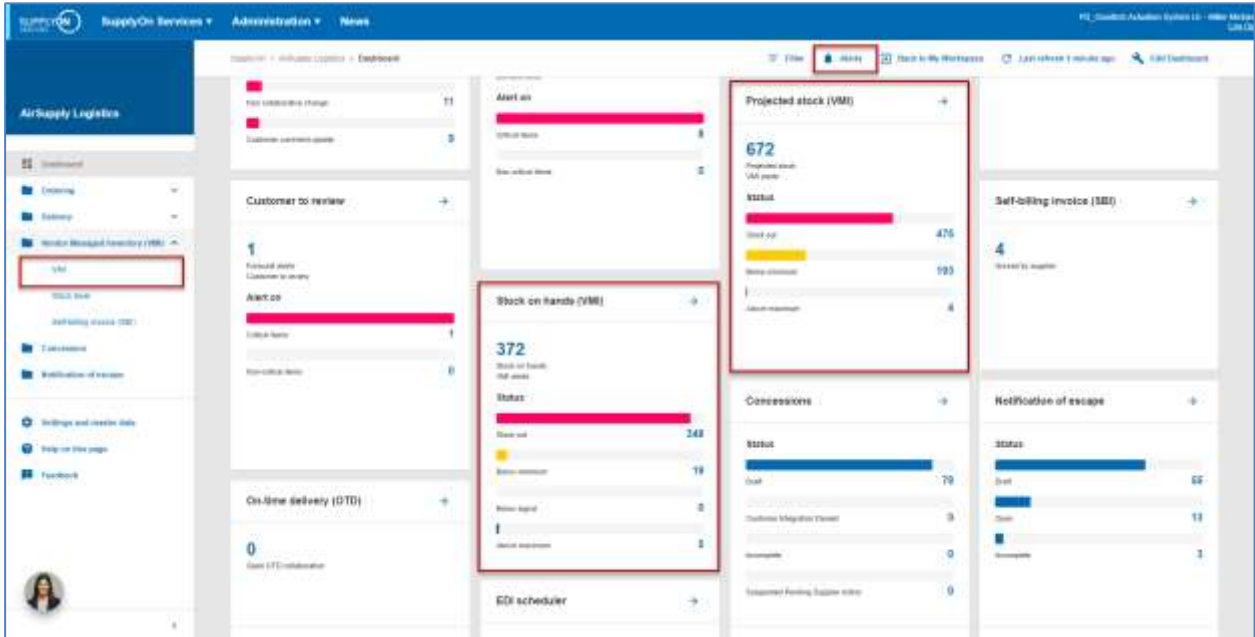
3.4 Access and search VMI data

This chapter explains how to access and search VMI data.

3.4.1 Access VMI data from the Dashboard

There are three ways to display VMI data from the Dashboard

- Through the cards “Projected stock (VMI)” and “Stock on hands (VMI)” by clicking the displayed alerts
- Through the link “Alerts”
- Through the link “VMI”



Access to VMI alerts through the ‘Alert Overview’ screen

Advanced Search

My search profiles: SupplyOn Def. Search, E-Mail notification

Alerts (12) Forecast Alerts (1) **VMI Alerts (8)** SBI Alerts (12) OTD Alerts (12)

VMI alert type	Priority	Cust. Group	Cust.	ERP Pl.	Inventory	Occurrence	Cust. Mat. No.	Cust. Mat. Desc.	Supp. Mat. No.	Supplier Material	Ord. Off. Name	Ord. Off. Phone
Above Max. Proje.	Medium	Itg-TRASH	TRGC	1110	8 300	14.07.2013 23.5	CMH-013_V1	Support Bracket	SMH-013_V1	Support Rama B	Judy Jellings	+44 1179 69 3832
Below zero. Proje.	High	Itg-TRASH	TRGC	1110	-270	06.11.2013 23.5	CMH-013_V1	Support Bracket	SMH-013_V1	Support Rama B	Judy Jellings	+44 1179 69 3832
Above Max. Stoc.	Medium	Itg-TRASH	TRGC	1110	8 300	13.07.2013 00.0	CMH-013_V1	Support Bracket	SMH-013_V1	Support Rama B	Judy Jellings	+44 1179 69 3832
Below zero. Proje.	High	Itg-TRASH	TRGC	1110	-20	14.06.2013 23.5	CMH-013_V2	Handle Fixture to	SMH-013_V2	Handle 4557	Judy Jellings	+44 1179 69 3832
Below zero. Proje.	High	Itg-TRASH	TRGC	1110	-70	27.09.2013 23.5	CMH-013_V2	Lever 445	SMH-013_V2	Lever 44567	Judy Jellings	+44 1179 69 3832
Below Min. Proje.	High	Itg-TRASH	TRGC	1110	280	21.07.2013 23.5	CMH-013_V2	Handle Fixture to	SMH-013_V2	Handle 4557	Judy Jellings	+44 1179 69 3832
Below Min. Proje.	High	Itg-TRASH	TRGC	1110	560	10.08.2013 23.5	CMH-013_V2	Lever 445	SMH-013_V2	Lever 44567	Judy Jellings	+44 1179 69 3832
Below Min. Proje.	High	Itg-TRASH	TRGC	1110	1 340	17.10.2013 23.5	CMH-013_V1	Support Bracket	SMH-013_V1	Support Rama B	Judy Jellings	+44 1179 69 3832

Entries per page: 50 | Page: 1 of 1

Note: The description of each column in this table is available in chapter [5_Appendix] at the end of the module.

3.4.2 Description of 'VMI Summary' table

When you click the "VMI" link in the Dashboard menu, the "VMI" page is displayed.

The 'VMI Summary' table displays all VMI materials. All options for searching, filtering and sorting can be applied to this table:

Notes: The description of each column in this table is available in chapter [5_Appendix] at the end of the module.

In case of VMI material Master Data update, the customer can send information from his ERP system to explain the reasons of the change. It is displayed via the 'Comment' column. This column is not displayed by default in 'VMI Summary' tab but you can select it via the drop down menu located on the right side of any of the columns title shown. Once you clicked the drop down menu, drag your mouse on the line 'Columns' and tick the checkbox of the line named 'Comment'.

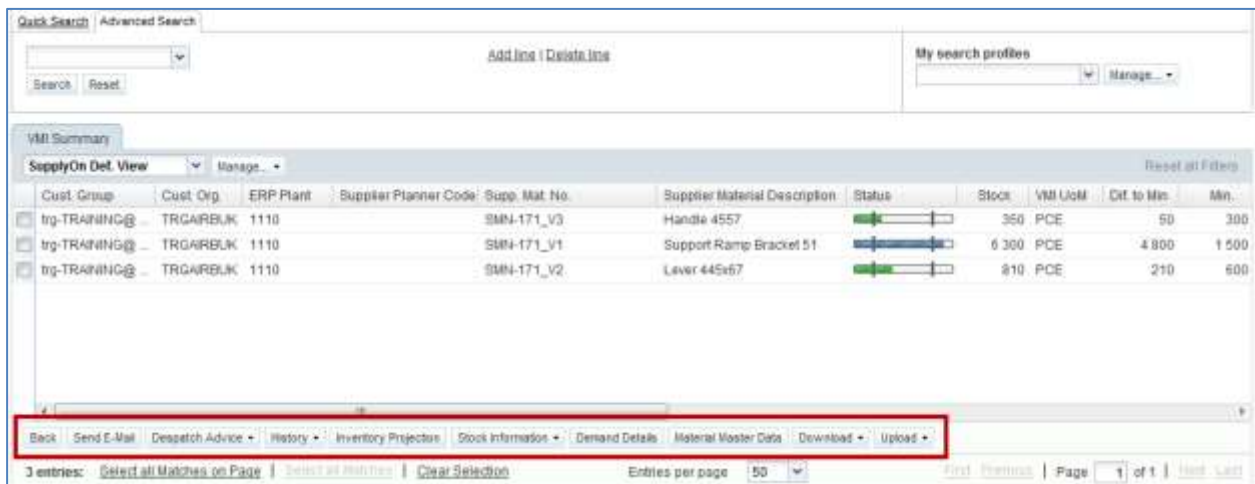
Refer to module Dasboard [RD3] Chapter [2.5.2_Choice of displayed columns] for more details.

<p>1 1</p>	<p>Status</p>	<p>The inventory status symbols and colors indicate the Stock on Hand level status (Stock out, Below min, Above max, OK) at the beginning of the current day. The inventory status does not show the Projected Stock. The status is symbolized by a bar whose color indicates the stock level status at the customer location. The two vertical lines in the symbol stand on the left for the minimum stock quantity and on the right for the maximum stock quantity. However, neither the level of the bar nor the two vertical lines correspond to the real value of stock level, Min or Max.</p> <p>If you click the 'Status' column all the entries will be sorted by status. If they are sorted ascending then there is the following sort sequence (if descending it is the reverse):</p> <ol style="list-style-type: none"> 1. Stock out 2. Below min 3. Above max 4. OK <p>To reverse the sort sequence click once more the column.</p>
-------------------	----------------------	---

		Further information on how to configure tables you can find in the Dashboard module [RD3].										
		<table border="1"> <thead> <tr> <th>Status</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td> Stock out</td> <td>The stock is zero or negative.</td> </tr> <tr> <td> Below min</td> <td>The stock is below the minimum stock limit</td> </tr> <tr> <td> Above max</td> <td>The stock is above the maximum stock limit.</td> </tr> <tr> <td> OK</td> <td>The stock is between the minimum and the maximum stock limit (also above the signal stock limit as defined by the supplier).</td> </tr> </tbody> </table>	Status	Description	Stock out	The stock is zero or negative.	Below min	The stock is below the minimum stock limit	Above max	The stock is above the maximum stock limit.	OK	The stock is between the minimum and the maximum stock limit (also above the signal stock limit as defined by the supplier).
Status	Description											
Stock out	The stock is zero or negative.											
Below min	The stock is below the minimum stock limit											
Above max	The stock is above the maximum stock limit.											
OK	The stock is between the minimum and the maximum stock limit (also above the signal stock limit as defined by the supplier).											
2	Stock Min. Max. Consig. Unres.	The inventory status depends on the current stock situation and on the agreed Min and Max values. As you can see, the available stock is equal to the consignment unrestricted stock for those VMI materials (depends on the VMI customer configuration).										
3	Cust. Site ERP Plant	Information about the customer site.										

There are several buttons displayed in the 'VMI Summary' tab.

You can select one or several rows and click one of the buttons. Most of the actions performed by clicking a button support multi-row selections. For some buttons (for example 'Send E-Mail'), only one row can be selected:



1	Send E-mail	Sends an e-mail with a link to the selected material number on this page to a VMI user.
2	Despatch Advice	View Despatch Advice (opened and closed) in relation to the material number.
3	History	Access to Inventory and Demand History.

4 Inventory Projection	Access to the 'Inventory Projection' screen (can be accessed also by clicking the Customer Material Number).
5 Stock Information	Access to the 'Stock Movements' and 'Stock Levels' screen.
6 Demand Details	Access to the VMI 'Demand Details' screen.
7 Material Master Data	Access to the 'Material Master Data' screen.
8 Download	Download Planned Receipts, Demands, Demand History and Inventory History / Projection.
9 Upload	Upload Planned Receipts.

3.4.3 VMI search

You can search for specific VMI data by using the search function in the 'Alert overview' screen or from the 'VMI Summary' tab. This can be useful if you are responsible for several VMI materials:

The screenshot shows the 'VMI Summary' search interface. At the top, there is a search bar with 'Customer Material Num' set to 'equal to' and 'SMH-CG_002-2012'. Below the search bar is a table with the following columns: Cust. Group, Cust. Org, ERP Plant, Supplier Planner Code, Supp. Mat. No., Supplier Material Description, Status, Stock, VMI Unit, Del. to Min, Min., and M. The table contains 10 rows of data for various materials from Airbus S.A.S. The bottom of the screenshot shows navigation options like 'Back', 'Send E-Mail', 'Disparator Advice', 'History', 'Inventory Projection', 'Stock Information', 'Demand Details', 'Material Master Data', 'Download', and 'Upload'. It also indicates '17 entries' and 'Page 1 of 2'.

Cust. Group	Cust. Org	ERP Plant	Supplier Planner Code	Supp. Mat. No.	Supplier Material Description	Status	Stock	VMI Unit	Del. to Min	Min.	M
AIRBUS S.A.S.	ASTBUYCG.	1110	aaa	EPH2954512	aaa		0	PCE	-3 000	3 000	
AIRBUS S.A.S.	ASTBUYCG.	1110		SMH-CG_002-2010	Support Bracket		0	PCE	-1 500	1 500	
AIRBUS S.A.S.	ASTBUYCG.	1110		SMH-CG_002-2011	Lever 44567		0	PCE	-600	600	
AIRBUS S.A.S.	ASTBUYCG.	1110		SMH-CG_002-2012	Hande 4557		0	PCE	-300	300	
AIRBUS S.A.S.	ASTBUYCG.	1110		SMH-P-002_V1_01	Support Ramp Bracket 5T		5 000	PCE	4 500	1 500	
AIRBUS S.A.S.	ASTBUYCG.	1110		SMH-P-002_V2_01	Lever 44567		900	PCE	300	600	
AIRBUS S.A.S.	ASTBUYCG.	1110		SMH-P-002_V3_01	Hande 4557		200	PCE	-20	300	
AIRBUS S.A.S.	ASTBUYCG.	1110		SMH-P_002-2010	Support Bracket		0	PCE	-1 500	1 500	
AIRBUS S.A.S.	ASTBUYCG.	1110		SMH-P_002-2011	Lever 44567		0	PCE	-600	600	
AIRBUS S.A.S.	ASTBUYCG.	1110		SMH-P_002-2012	Hande 4557		0	PCE	-300	300	

Note: The description of each column in this table is available in chapter [5_Appendix] at the end of the module.

If you click the 'Search' button, the search result is displayed in the tab.

Quick Search Advanced Search

Customer Material Num equal to CMH-CG_002-2012 Add Line | Delete Line

Search Reset

My search profiles
Mat CMH-CG_002-2012 Manage

VMI Summary

SupplyOn Def. View Manage

Off. to Min	Min	Max	Signal	Stock Type	DoS (With in-Tr)	Ord. Off. Code	Ord. Off. Name	Ord. Off. Phone	Cust. Mat. No.	Cust. Mat. Desc.
-300	300	700	0	EA	unlimited	AUK_OOC_JJ	Judy Jilings	+44 1179 89 3832	CMH-CG_002-2012	Handle Fixture long

Back Send E-Mail Despatch Advice History Inventory Projection Stock Information Demand Details Material Master Data Download Upload

1 entry: Select all Matches on Page Select all Profiles Clear Selection Entries per page: 10 Page 1 of 1 Next Last

You can save your search criteria by creating a search profile.

Quick Search Advanced Search

Customer Material Num equal to CMH-CG_002-2012 Add Line | Delete Line

Search Reset

My search profiles
Mat CMH-CG_002-2012 Manage

VMI Summary

SupplyOn Def. View Manage

Off. to Min	Min	Max	Signal	Stock Type	DoS (With in-Tr)	Ord. Off. Code	Ord. Off. Name	Ord. Off. Phone	Cust. Mat. No.	Cust. Mat. Desc.
-300	300	700	0	EA	unlimited	AUK_OOC_JJ	Judy Jilings	+44 1179 89 3832	CMH-CG_002-2012	Handle Fixture long

Back Send E-Mail Despatch Advice History Inventory Projection Stock Information Demand Details Material Master Data Download Upload

1 entry: Select all Matches on Page Select all Profiles Clear Selection Entries per page: 10 Page 1 of 1 Next Last

To search relevant VMI data, it is recommended to work with alerts because some inform you about the Projected Stock situation.

To consult the Projected Stock of a VMI material you need to go to the 'Inventory Projection' screen.

3.5 Inventory Projection and Planned Receipts

The Inventory Projection screen provides information on the future evolution of the inventory stock.

The system projection into the future is performed on basis of the current Stock on Hand (SOH), the Unconsumed Demands (net gross demands) or the gross demand, the known In-Transit Quantities and Planned Receipts (the supplier can enter them into the system).

Both, customer and supplier can access the 'Inventory Projection' screen.

If the material is a multisource material, the customer has an additional view called 'Overview'. This is the case when there are several suppliers for the same material. In this view the data of all suppliers for the same material are summarized into one.

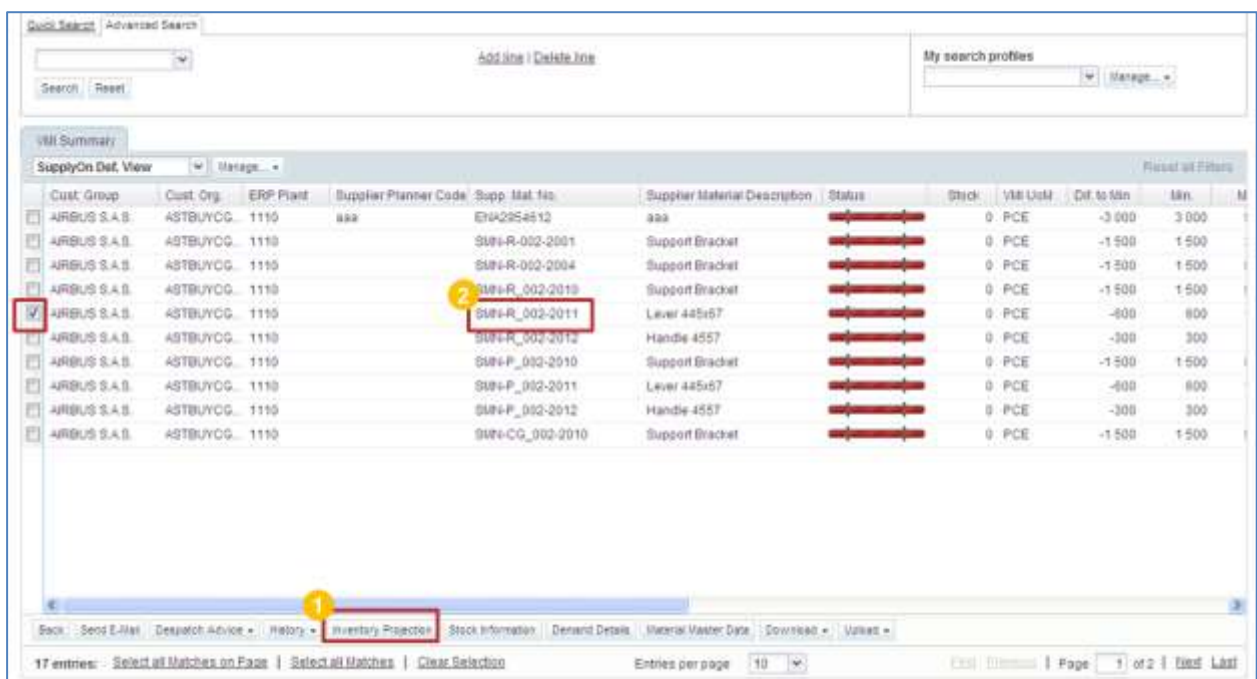
Both customer and supplier can enter Planned Receipts, but only the supplier can save them and use them to create Despatch Advice.

This chapter describes the 'Inventory Projection' screen and explains how to consult information and create Planned Receipts.

3.5.1 Inventory Projection screen

You can access the 'Inventory Projection' page through:

- the 'VMI Summary' table
 - 1 By selecting one or several lines and by clicking the 'Inventory Projection' button
 - 2 By clicking the link for a specific material number



- the 'Alert Overview' screen ('VMI Alerts' tab)
 - 1 By selecting one or several lines and by clicking the 'Inventory Projection' button
 - 2 By clicking the link for a specific material number

Example customer

- Customer Site Name: **AIR11**
- Customer Material Number: **CMN-P-002_V1_01**
- Customer Material description: **Support Bracket**
- Supplier Site_City: **TRAINING@ 002-SupAir_Coventry 49**

Inventory Projection for AIR11, Material CMN-P-002_V1_01 (Support Bracket) - TRAINING@ 002-SupAir_Coventry 49

For a supplier, AirSupply provides a header for the 'Inventory Projection' screen containing the following data:

- The Customer Site Name
- The Supplier Material Number
- The Supplier Material description

Text: 'Inventory Projection for [Customer Site Name], Material [Supp. Material number] ([Supp. Material description])'

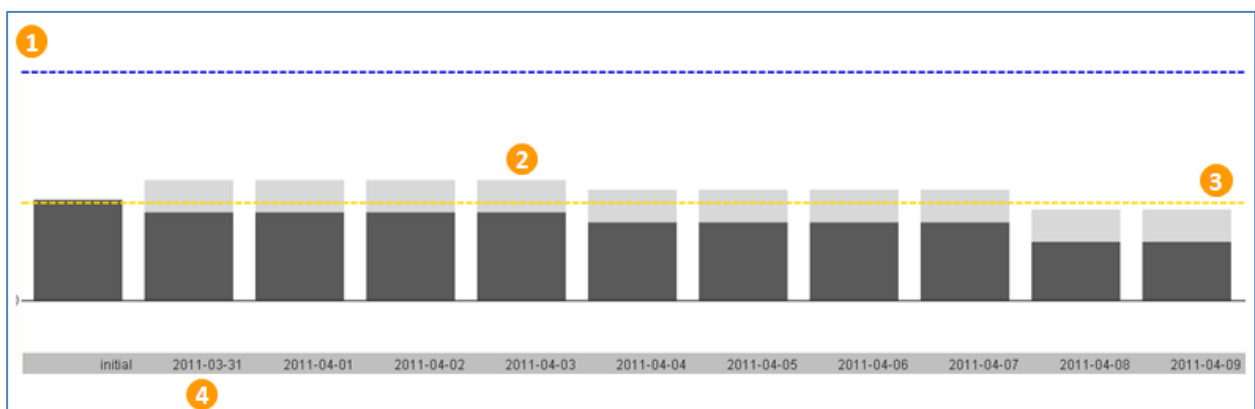
Example supplier

- Customer Site Name: **AIR11**
- Supplier Material Number: **SMN-P-002_V1_01**
- Supplier Material description: **Support Ramp Bracket 51**

Inventory Projection for AIR11, Material SMN-P-002_V1_01 (Support Ramp Bracket 51)

3.5.1.1 Inventory Projection diagram

The system displays the inventory diagram at the top of the 'Inventory Projection' screen.



The system generates the diagram based on values for:

① Max	Blue dashed lines.
② Projected Stock	Height of the bar for a bucket (including In-Transit and Planned Receipts).
③ Min	Yellow dashed lines.
④ Stock on Hand (SOH) at end of time bucket	In-Transit Quantities, Planned Receipt quantities as bars with different grey colors

A **time bucket** (or bucket) is a period of time (a day, a week or a month).

The Demand / Unconsumed Demand is subtracted with FIFO (First In First Out) logic. This means first from Stock on Hand, then from In-Transit and last from Planned Receipts.

3.5.1.2 Inventory Projection table

This table shows details in a spreadsheet format and contains the key variables used to calculate the Projected Stock value with color statuses in timeline specific columns:

Table	initial	2011-03-31	2011-04-01	2011-04-02	2011-04-03	2011-04-04	2011-04-05
Inventory Start <input type="checkbox"/>	400	310	370	370	370	370	340
In-Transit Quantities <input type="checkbox"/>	0	0	0	0	0	0	0
Planned Receipts <input type="checkbox"/>	0	100	0	0	0	0	0
Demand <input type="checkbox"/>	90	40	0	0	0	30	0
Unconsumed demands	90	40	0	0	0	30	0
Projected Stock	310	370	370	370	370	340	340
Min. Inventory	300	300	300	300	300	300	300
Max. Inventory	700	700	700	700	700	700	700
Min. Delivery	0	0	0	0	0	0	0
Max. Delivery	390	330	330	330	330	360	360
Average Demand		9.5	11.5	11.5	11.5	11.5	13

All rows are read-only except the 'Planned Receipts' row.

Inventory Start	Quantity of the inventory at the beginning of the bucket.
In-Transit Quantities	Quantity of goods that are on their way to the customer at the time of the bucket. They are automatically populated by Despatch Advice quantities that have not been received.
Planned Receipts	Receipts that are planned at the time of the bucket.
Demand	Customer demand at the time of the bucket.
Unconsumed Demands	Unconsumed Demand = demand – consumption (displayed only if set by customer configuration). This is for consumptions since the last demand publication.
Projected Stock	Expected stock level at the end of the time bucket.
Min. Inventory	Minimum inventory level required by the customer.
Max. Inventory	Maximum inventory level required by the customer.
Min. Delivery	Minimum delivery quantity to reach the minimum inventory stock.
Max. Delivery	Maximum delivery quantity to reach the maximum inventory stock.
Average Demand	Average demand of this bucket and the following buckets (amount of following buckets depends on customer site configuration) The Average Demand is calculated by the arithmetic average method. The Average Demand is calculated from the current day until the end of the averaging period (e.g. averaging period is 5 days, the Average Demand for the current day is the sum of the current and the following 4 days divided by 5).

The calculation of the Projected Stock starts with the last booked inventory status.

The Projected Stock is calculated using the following formula:

$$\text{Initial inventory} + \text{In-Transit Quantity} + \text{Planned Receipts} - \text{Demand (or Unconsumed Demands)} = \text{Projected Stock}$$

for the end of the time bucket.

The Projected Stock for the end of the time bucket is used as Projected Stock for the beginning of the next time bucket.

3.5.1.3 Material detail information

At the bottom of the 'Inventory Display Projection' screen, material details data is displayed:

	Stock	Customer	Consignment	VMI Reference		Update Timestamps	
Total available	6 000	100	6 000	VV001-200	Inventory	17.05.2011 10:06:42	
Unrestricted	6 000	100	6 000	L-234567	Demand	17.05.2011 10:06:42	
Quality	500	0	500	Latest Despatch Advice with Goods Receipt		Despatch Advice	
Blocked	1	0	1	Safety Stock Calc. Method		Goods Receipt	
Minimum Inventory				Avg. Demand			
Maximum Inventory				Rounding Delivery Quantity		VMI UoM	
Coverage (Day(s))				Minimum Delivery Quantity		VMI Transportation Time	
77.3 with in-transit / 61.6 without in-transit				100		PCE	
				100		36 hour(s)	

	Stock	Customer	Consignment
Total available	6 000	100	6 000
Unrestricted 1	6 000	100	6 000
Quality	500	0	500
Blocked	1	0	1
Minimum Inventory 2		1 500 PCE	
Maximum Inventory		5 000 PCE	
Coverage (Day(s)) 3	77.3 with in-transit / 61.6 without in-transit		

1 Stock on Hand (SOH)	Details about total stock, customer stock, consignment stock (unrestricted, quality, blocked). Each stock detail has a link which leads to the 'Stock Movement' screen with the inventory level details.
2 Min. / Max. stock levels	Minimum and maximum of the stock levels.
3 Coverage days	<p>The system calculates the coverage in days of Stock on Hand Without In-Transit Quantities:</p> <ul style="list-style-type: none"> For how many days will the current inventory on hand excluding Planned Receipts fulfil the demand? <p>With In-Transit Quantities:</p> <p>For how many days will the current inventory on hand including In-Transit Quantities, excluding Planned Receipts fulfil the demand?</p>

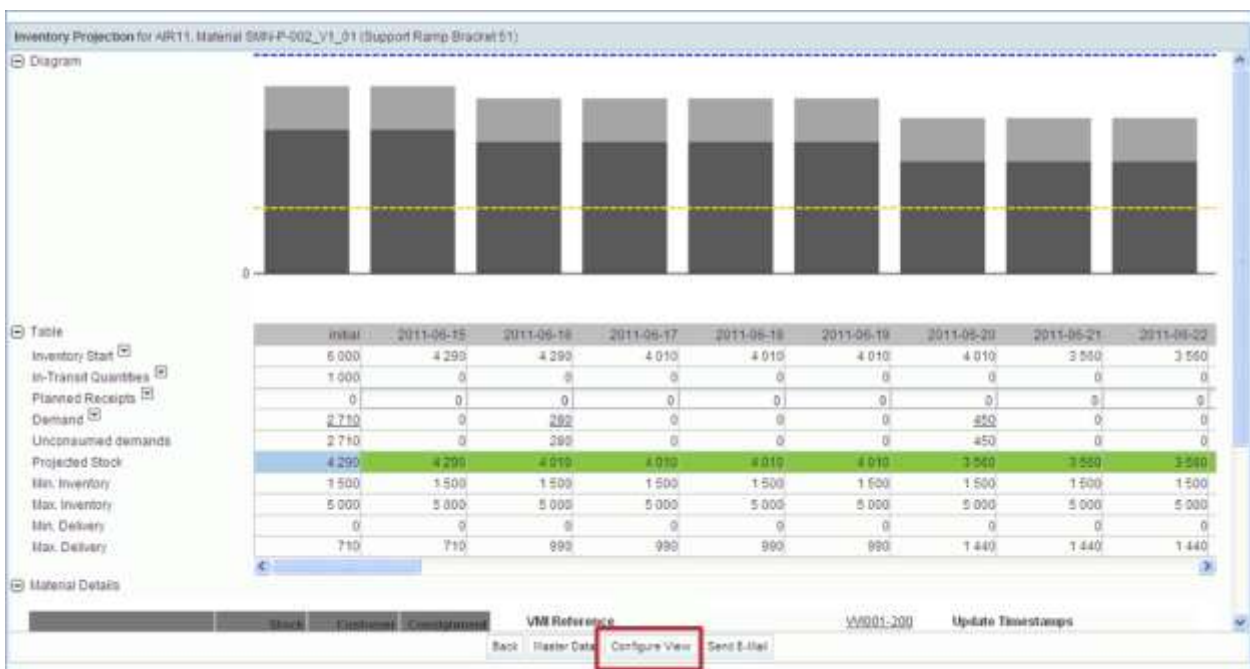
VMI Reference 1	VV001-200	Update Timestamps 2	
Latest Despatch Advice	L-234567	Inventory	17.05.2011 10:06:42
Latest Despatch Advice with Goods Receipt	-	Demand	17.05.2011 10:06:42
Safety Stock Calc. Method 2	Avg. Demand	Despatch Advice	
		Goods Receipt	
Rounding Delivery Quantity	100	VMI UoM 3	PCE
Minimum Delivery Quantity	100	VMI Transportation Time	36 hour(s)

<p>1 VMI Reference</p>	<p>The VMI Reference is the customer's key to the VMI demand like the PO number is for Purchase Orders. You can check the VMI Reference and consult the demand header information by clicking the VMI reference number link.</p>
<p>2 Safety Stock Calc. Method</p>	<p>Safety stock calculation method can be average demand or sum of demands.</p>
<p>3 Update Timestamps</p>	<p>Last updates to a material. If a time period is overdue for inventory and demand update and no update had been made within the last x hours, the system shows a ⓘ mark as notification (the number of hours (x) is defined by the customer company).</p>
<p>4 VMI UoM / Transportation Time</p>	<p>You can consult the VMI Unit of Measure (UoM) and the VMI transportation time.</p>

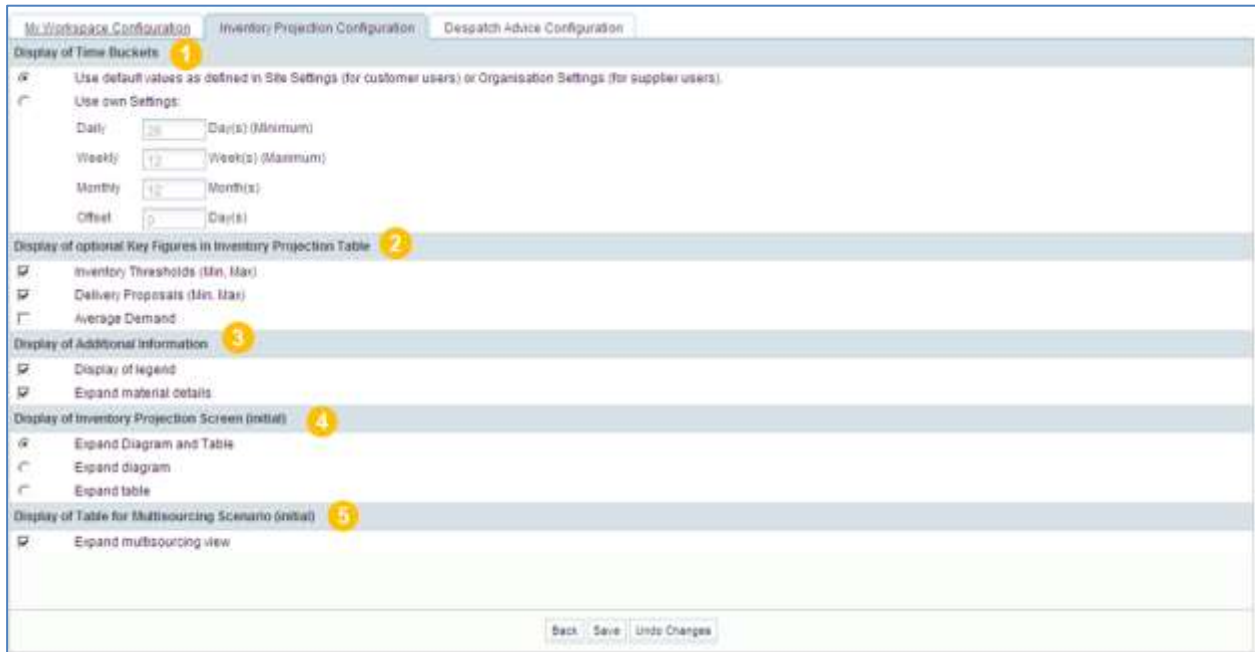
3.5.1.4 Inventory Projection screen configuration

It is possible to set up your user individual Inventory Projection display.

There is a dedicated screen named 'Inventory Projection Configuration' which can be accessed from the 'Inventory Projection' screen by clicking the 'Configure View' button as shown below:



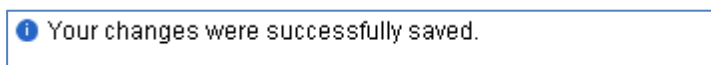
The screenshot below shows the 'Inventory Projection Configuration' screen with the default display and settings.



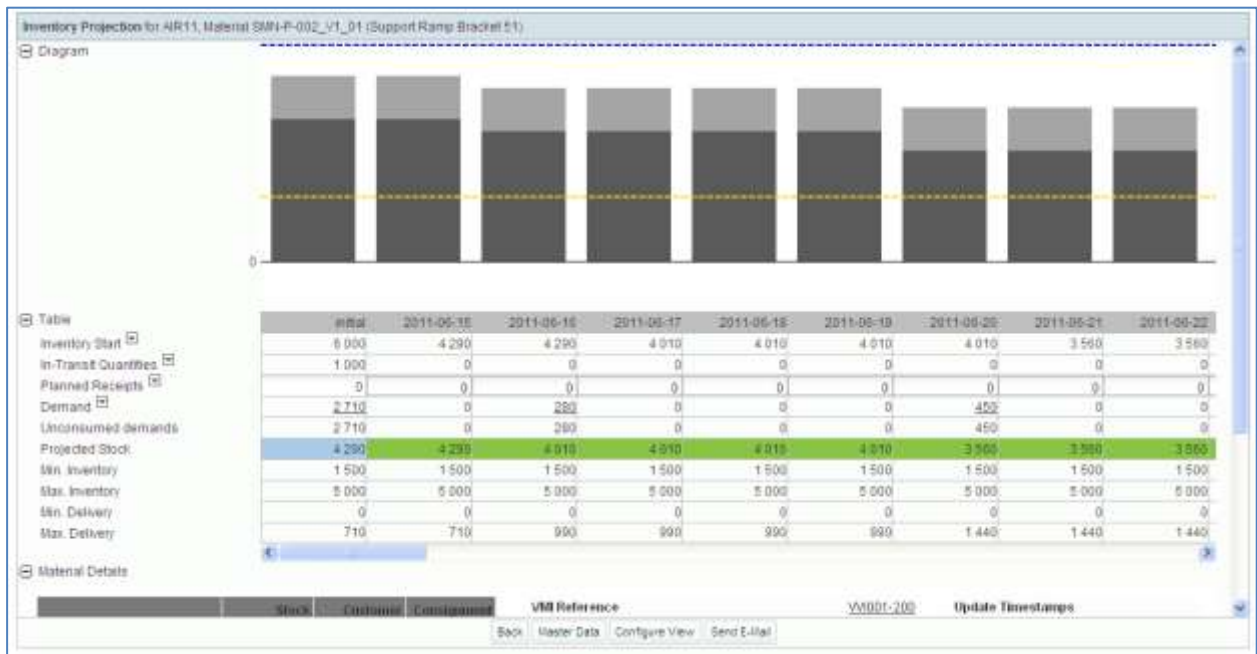
<p>1 Display of Time Buckets</p>	<p>In this section you can configure your own display of time buckets or use default values of your site (if you are a customer) or your site (if you are a supplier). You can define the offset which defines the first buckets displayed on the table. Depending on the offset, the first column shows today (offset = 0), a date in the past (negative offset), or a date in the future (offset > 0).</p>
<p>2 Display of optional Key Figures in Inventory Projection Table</p>	<p>You can choose whether or not to display optional key figures in the Inventory Projection table (e.g. the Average Demand).</p>
<p>3 Display of Additional Information</p>	<p>In this section, you can decide whether or not to display the legend or the material details.</p>
<p>4 Display of Inventory Projection Screen (initial)</p>	<p>You can choose to display the diagram and the projection table, only the diagram, or only the table.</p>
<p>5 Display of Table for Multisourcing Scenario (initial)</p>	<p>In this section, you are able to expand the multisourcing view if you wish to.</p>

You can save your configuration by clicking the 'Save' button. It is possible to get back to the configuration without saving your changes by clicking the 'Undo Changes' button.

A message 'Your changes were successfully saved' is displayed on the top left of the screen to confirm that your configuration has been saved:

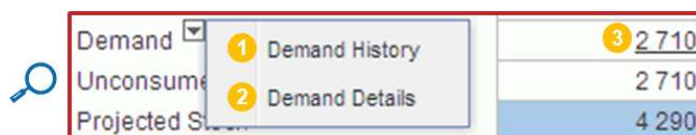
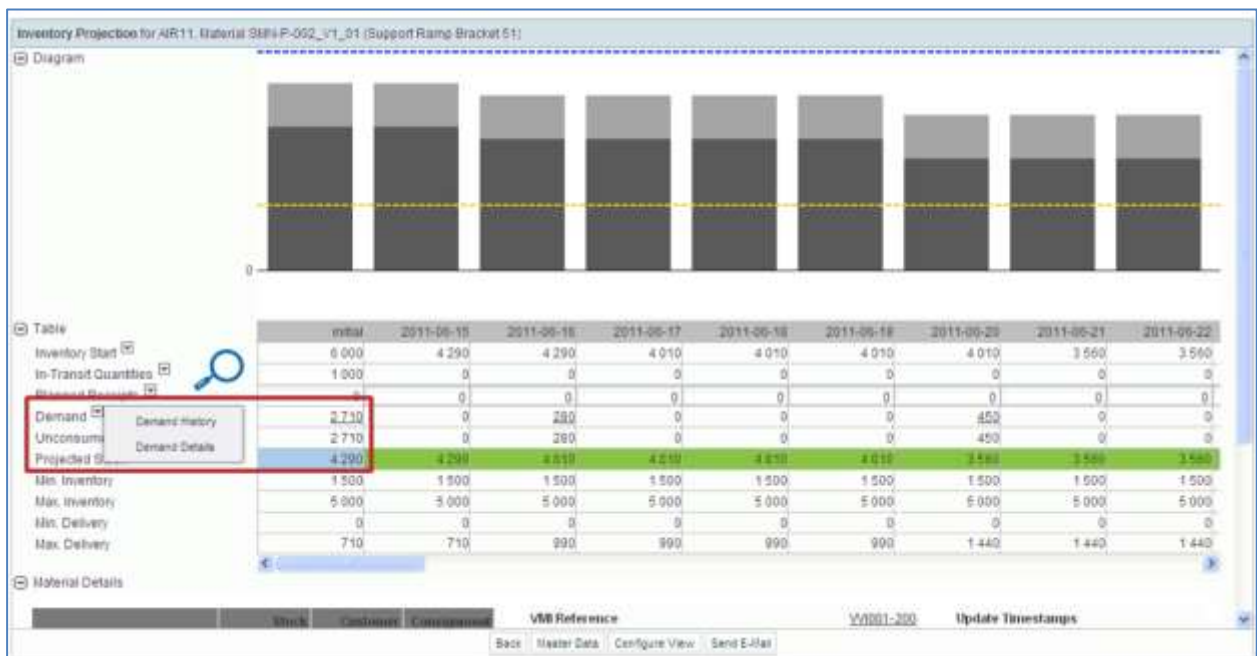


The screenshot below shows an example of 'Inventory Projection' screen configuration (the legend is not displayed).



3.5.2 Demand

The gross customer demand data published in AirSupply is provided by the customer ERP and is displayed as aggregated values in the 'Inventory Projection' table in the bucket fields. Each demand count in a bucket has a link which leads to the 'Demand Details' screen with the corresponding demand details.



1 Demand History	By clicking the dropdown button, you can go to the 'Demand History' screen.
2 Demand Details	By clicking the dropdown button, you can go to the 'Demand Details' screen.
3 Demand Details (demand count)	Each demand count in a bucket has a link which leads to the 'Demand Details' page with the corresponding demand details.

3.5.2.1 Demand header

The 'Demand Header' can be accessed from the 'Demand Details' screen:

The screenshot shows the 'Demand Header' screen with the following sections and callouts:

- 1** Customer / Supplier Data
- 2** Material Data
- 3** Administrative Data
- 4** Financial Information
- 5** Addresses

The following section **1** displays data regarding the customer and the supplier:

The 'Customer / Supplier Data' section contains the following information:

Cust. Group:	AIRBUS S.A.S.	Supplier Group Name:	Supplier Airfoil AIRB
Purchasing Organization:	EBP8	Supplier. Org.:	ASTSELCG2LE1
Ord. Off. Code:	AUK_OOC_UJ	Supplier Site_City:	TRAINING@ 002-SupAir_Coventry 49
Ord. Off. Name:	Judy Jillings	Supplier Planner Code:	
Ord. Off. Phone:	+44 1179 69 3832	Supplier Site:	TRAINING@ 002-SupAir
Customer Organization:	AIRBUS UK	Supplier Local Number:	000223447
Cust. Org.:	ASTBUYCG1LE1	Supp. No.:	000223447
Cust. Site:	AIR11		
ERP Plant:	1110		

The following section **2** displays information regarding the VMI material:

Material Data			
Customer Material Number:	CMN-P-002_V1_01	Supplier Material Number:	SMN-P-002_V1_01
Customer Material Description:	Support Bracket	Supplier Material Description:	Support Ramp Bracket 51
VMI Reference Number:	VM001-200	Unit Of Measure:	PCE
VMI Reference Item:	010	Unit of Measure Format:	0
Ordering Solution:	VMI	Incoterm Code:	DDP
		Incoterm Description:	Delivered Duty Paid

The following section **3** displays information related to the demand publication:

Administrative Data			
Publication Date:	22.05.2011 10:48:31	MRP Run Date:	17.05.2011 10:48:31

The section **4** below displays financial information:

Financial Information			
Net Price:	6.84	Currency:	GBP
Price Unit:	1	Price Unit of Measure:	PCE
Quantity Conversion Numerator:	1	Quantity Conversion Denominator:	1
Price Validity:	1		
Payment Terms:	OA	Payment Terms Text:	On Account
VAT Code:	V5	VAT Code Description:	VAT Code Description

The section **5** below displays information regarding the ship-to, customer and invoice addresses:

Addresses			
	SHIPTO	CUST	INVOIC
	Details	Details	Details
Name:	AIRBUS UK Limited	AIRBUS	AIRBUS UK Limited

Note: Further information is available in chapter [5_Appendix] at the end of the module.

3.5.2.2 Demand Details

You can access the most recent demand details either through the 'Inventory Projection' screen or through the 'VMI Summary' screen.

The 'Demand Details' tab lists the quantity requested by the customer ERP plant location for a VMI material:

Cust. Org.	ERP Plant	Unit Of	Demand Quantity	Demand Date	Pgm. MSN	Configurat...	Config...	Config...	Detail Information	VMI Ref. No	VMI Ref. Item	Final Dt
ASTBUYCG1LE1	1110	PCE	150	07.05.2011	N000409	331	1	1		V1001-200	010	ARR_U
ASTBUYCG1LE1	1110	PCE	200	11.05.2011	N000410	331	1	1		V1001-200	010	ARR_U
ASTBUYCG1LE1	1110	PCE	170	15.05.2011	N000411	331	1	1		V1001-200	010	ARR_U
ASTBUYCG1LE1	1110	PCE	300	19.05.2011	N000412	331	1	1		V1001-200	010	ARR_U
ASTBUYCG1LE1	1110	PCE	280	23.05.2011	N000413	331	1	1		V1001-200	010	ARR_U
ASTBUYCG1LE1	1110	PCE	450	27.05.2011	N000414	331	1	1		V1001-200	010	ARR_U
ASTBUYCG1LE1	1110	PCE	300	31.05.2011	N000415	331	1	1		V1001-200	010	ARR_U
ASTBUYCG1LE1	1110	PCE	280	04.06.2011	N000416	331	1	1		V1001-200	010	ARR_U
ASTBUYCG1LE1	1110	PCE	300	08.06.2011	N000417	331	1	1		V1001-200	010	ARR_U
ASTBUYCG1LE1	1110	PCE	280	12.06.2011	N000418	331	1	1		V1001-200	010	ARR_U

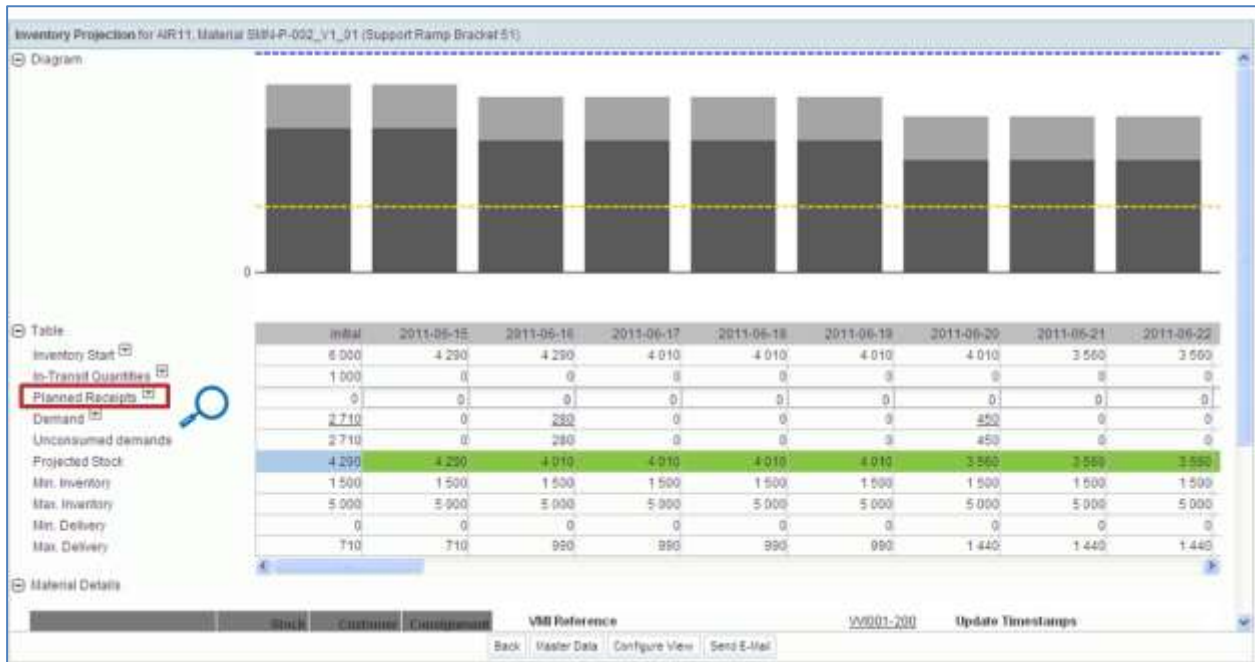
You can filter the demand date according to the current date (before = before today, after = after today and on = today).

Cust. Org.	ERP Plant	Unit Of	Demand Quantity	Demand Date	Pgm. MSN	Configurat...	Config...	Config...	Detail Information	VMI Ref. No	VMI Ref. Item	Final Dt
ASTBUYCG1LE1	1110	PCE	150	07.05.2011		1	1	1		V1001-200	010	ARR_U
ASTBUYCG1LE1	1110	PCE	200	11.05.2011		1	1	1		V1001-200	010	ARR_U
ASTBUYCG1LE1	1110	PCE	170	15.05.2011		1	1	1		V1001-200	010	ARR_U
ASTBUYCG1LE1	1110	PCE	300	19.05.2011		1	1	1		V1001-200	010	ARR_U
ASTBUYCG1LE1	1110	PCE	280	23.05.2011		1	1	1		V1001-200	010	ARR_U
ASTBUYCG1LE1	1110	PCE	450	27.05.2011		1	1	1		V1001-200	010	ARR_U
ASTBUYCG1LE1	1110	PCE	300	31.05.2011		1	1	1		V1001-200	010	ARR_U
ASTBUYCG1LE1	1110	PCE	280	04.06.2011		1	1	1		V1001-200	010	ARR_U
ASTBUYCG1LE1	1110	PCE	300	08.06.2011	N000417	3	1	1		V1001-200	010	ARR_U
ASTBUYCG1LE1	1110	PCE	280	12.06.2011	N000418	3	1	1		V1001-200	010	ARR_U

Note: The description of each column in this table is available in chapter [5_Appendix] at the end of the module.

3.5.3 Planned Receipt

In the 'Inventory Projection' tab there is a dedicated row for the Planned Receipts:



AirSupply allows each user (customer and supplier) to create Planned Receipts and to re-calculate the Projected Stock on basis of these new planned shipments.

Only the supplier is allowed to save the Planned Receipts and to use them as a basis for the Despatch Advice creation.

There are several ways to create Planned Receipts:

1 Simulate	Manually through the 'Simulate' function.
2 Generate...	Automatically through the 'Generate...' function.



Note: You cannot create Planned Receipts in the bucket 'initial' or in time buckets in the past.

3.5.3.1 Simulate Planned Receipts

The first option named 'Simulate' is used when the user has manually entered Planned Receipts in the Inventory Projection table to see the impact of the Planned Receipts on the Projected Stock.

In other words, if you manually create Planned Receipts and you do not click the 'Simulate' button, AirSupply does not recalculate the Projected Stock in the 'Inventory Projection' table and in the diagram.

Example

In the 'Inventory Projection' shown below, the Projected Stock (= 4290) is within the limits (Min = 1500, Max = 5000) in the bucket 2011-06-15.

The supplier and the customer can create Planned Receipts in this bucket in order to schedule a future delivery and have a Projected Stock between the Min and Max. In this case, as the Projected Stock is within the limits, this is not mandatory.

Inventory Projection for AIR11, Material SMF(P-202_V1_01) (Support Ramp Bracket 51)

Table	Initial	2011-06-15	2011-06-16	2011-06-17	2011-06-18	2011-06-19	2011-06-20	2011-06-21	2011-06-22
Inventory Start	6 000	4 290	4 290	4 010	4 010	4 010	4 010	3 580	3 580
In-Transit Quantities	1 000	0	0	0	0	0	0	0	0
Planned Receipts	0	0	0	0	0	0	0	0	0
Demand	2 710	0	280	0	0	0	450	0	0
Unconsumed demands	2 710	0	280	0	0	0	450	0	0
Projected Stock	4 290	4 290	4 010	4 010	4 010	4 010	3 580	3 580	3 580
Min. Inventory	1 500	1 500	1 500	1 500	1 500	1 500	1 500	1 500	1 500
Max. Inventory	5 000	5 000	5 000	5 000	5 000	5 000	5 000	5 000	5 000
Min. Delivery	0	0	0	0	0	0	0	0	0
Max. Delivery	710	710	990	990	990	990	1 440	1 440	1 440

Material Details

	Stock	Customer	Carriage	VM Reference	Update Timestamps
Total available	6 900	100	6 000	W1001-200	Inventory 17.05.2011 10:06:42
Unrestricted	6 000	100	6 000	L224987	Demand 17.05.2011 10:06:42
Quality	500	0	500		Despatch Advice
Blocked	1	0	1		Goods Receipt

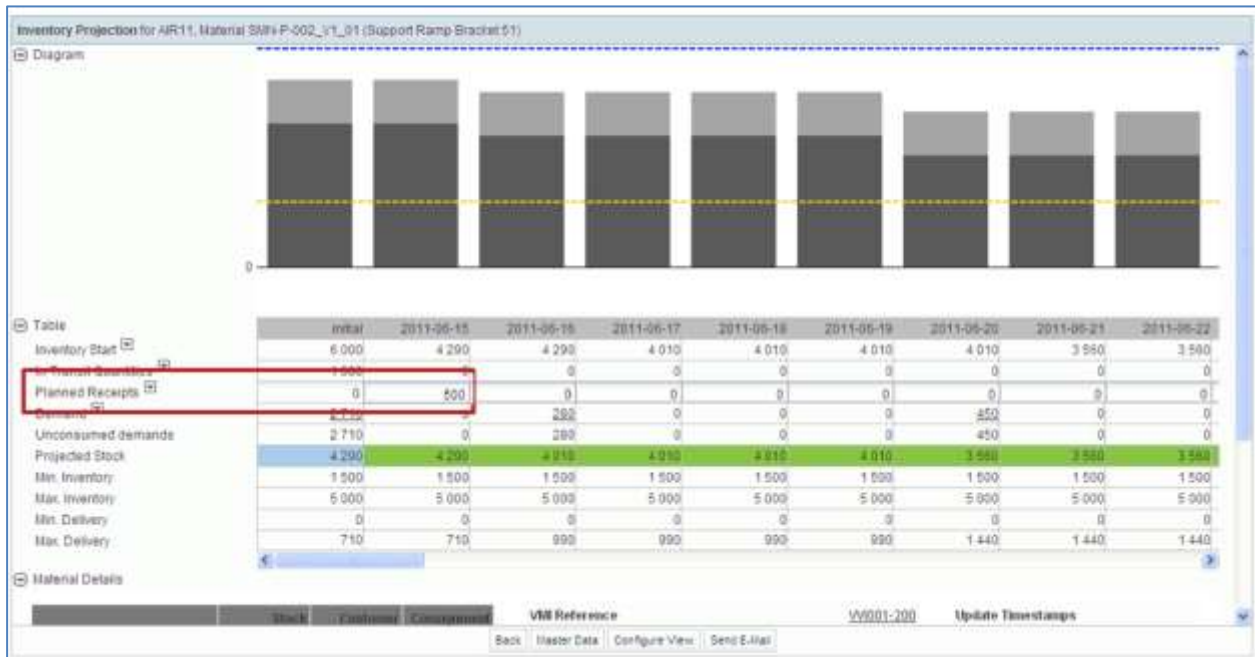
Minimum Inventory: 1 500 PCE
 Maximum Inventory: 5 000 PCE
 Coverage (Days): 77.3 with in-transit / 61.8 without in-transit

VM Reference: W1001-200
 Latest Despatch Advice: L224987
 Latest Despatch Advice with Goods Receipt: -
 Safety Stock Calc. Method: Avg. Demand
 Forwarding Delivery Quantity: 100
 Minimum Delivery Quantity: 100
 VM Unit: PCE
 VM Transportation Time: 36 hour(s)

Legend: OK, Above Max, Under Min, Stock out, Inventory at the end of the time buckets, In-Transit Quantities, Planned Receipts, Negative Proj. Stock, Max Inventory, Min Inventory, VM Transportation Time

Buttons: Back, Master Data, Configure View, Send E-Mail

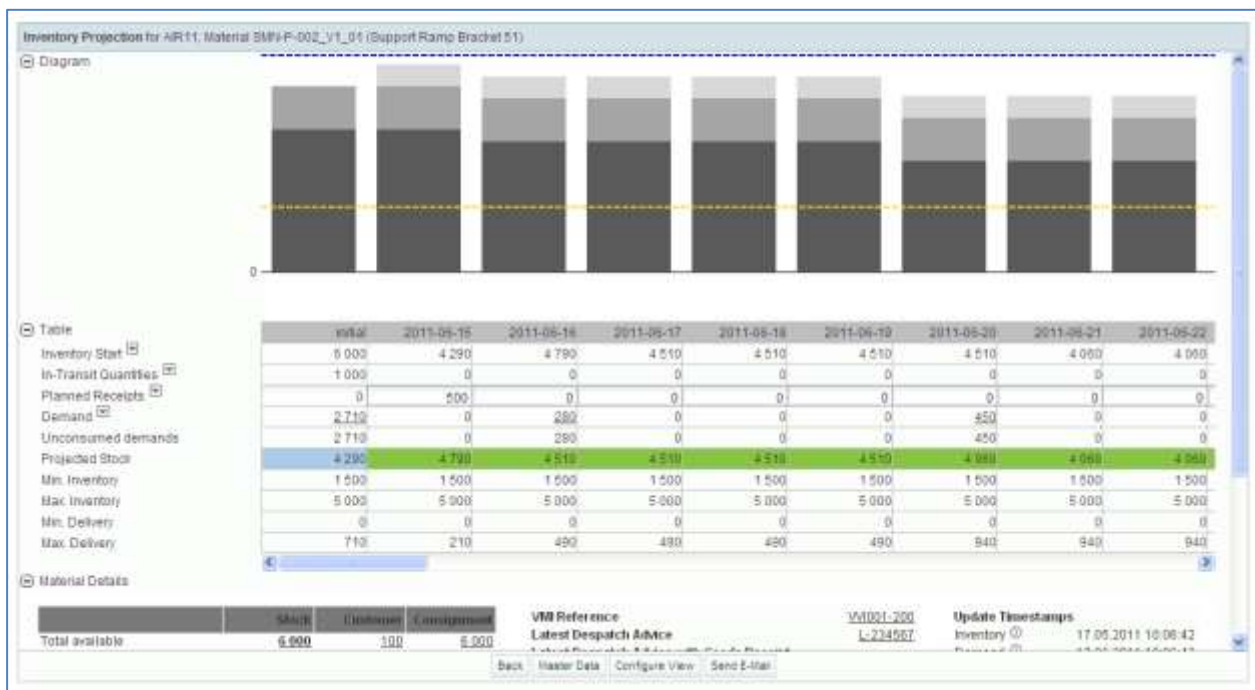
A quantity of 500 of Planned Receipts is created by the user in the bucket 2011-06-15, as follows:



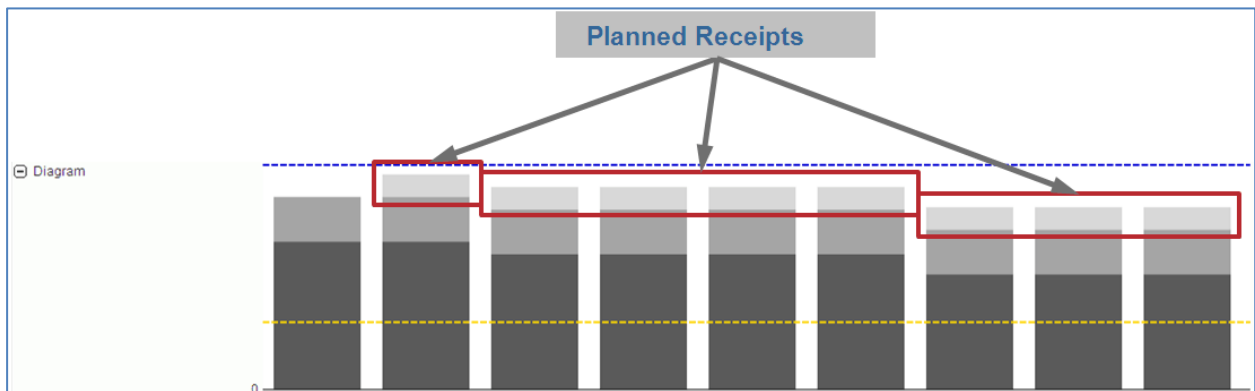
To simulate this Planned Receipt in the Projected Stock, open the dropdown menu and click the 'Simulate' button:



The Projected Stock is recalculated as a result:



In the diagram, the Planned Receipts are displayed:



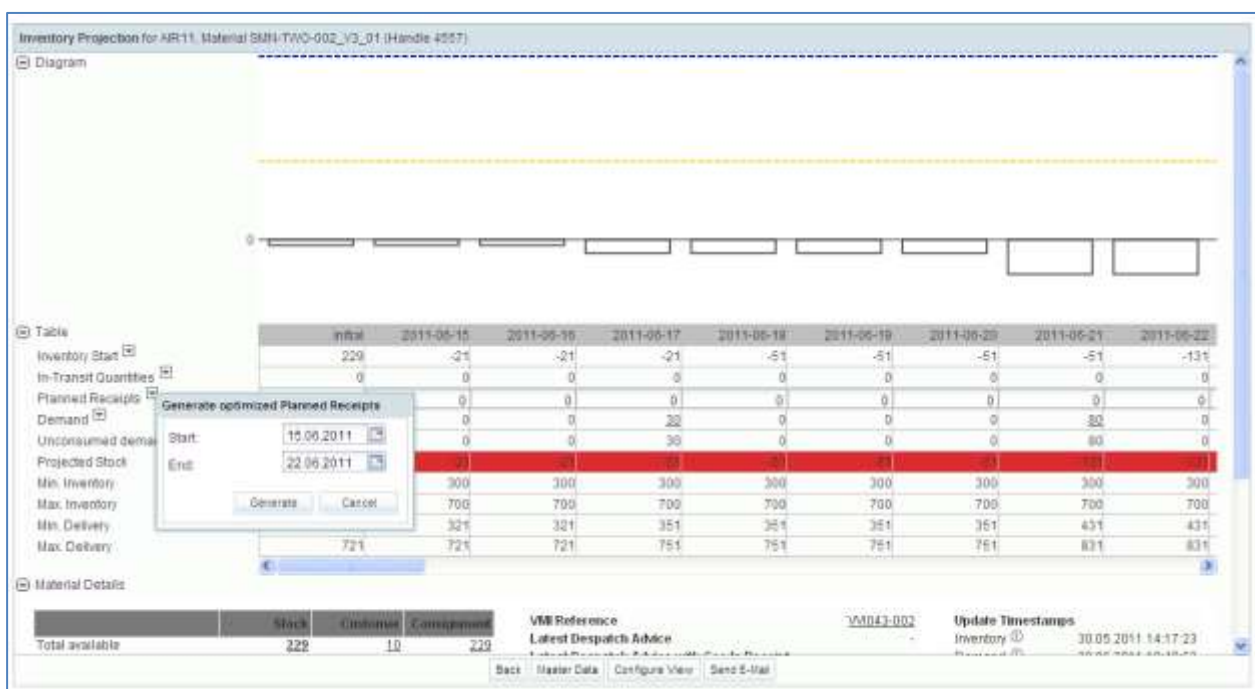
3.5.3.2 Generate Planned Receipts

It is possible to generate optimized Planned Receipts within AirSupply for a defined time frame. In this situation the system 'recalculates' automatically the Planned Receipts considering the quantity conditions (rounding and minimum delivery quantities) plus the reorder factors and displays the calculated value.

To generate Planned Receipts:
Click the dropdown button and the 'Generate...' button.



Select the time frame and click the 'Generate' button:



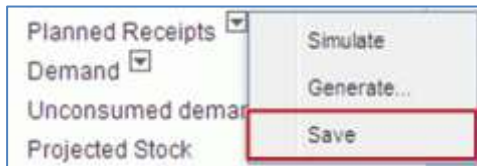
AirSupply calculates automatically the corresponding Planned Receipts and publishes them in the Inventory Projection table and in the diagram.



⚠ The generated Planned Receipts is calculated with the reorder quantity factor (80% in the above example). If the reorder quantity factor was 100%, AirSupply would have generated Planned Receipts to reach the maximum stock.

3.5.3.3 Save Planned Receipts (supplier)

After having created Planned Receipts (manually or using the generate function), only the supplier can save them by using the 'Save' button:



A message is displayed on the top left of the screen to confirm the saving as shown below:

Successfully saved

Inventory Projection for AR11, Material BMW-TWD-002_V3_01 (Handle 457)

Diagram

Table

	initial	2011-06-15	2011-06-16	2011-06-17	2011-06-18	2011-06-19	2011-06-20	2011-06-21	2011-06-22
Inventory Start	229	-21	629	629	599	599	599	599	519
In-Transit Quantities	0	0	0	0	0	0	0	0	0
Planned Receipts	0	859	0	0	0	0	0	0	0
Demand	250	0	0	20	0	0	0	80	0
Unconsumed demands	250	0	0	20	0	0	0	80	0
Projected Stock	229	629	629	599	599	599	599	519	519
Min. Inventory	200	200	200	200	200	200	200	200	200
Max. Inventory	700	700	700	700	700	700	700	700	700
Min. Delivery	321	0	0	0	0	0	0	0	0
Max. Delivery	721	71	71	101	101	101	101	181	181

Material Details

VM Reference: W042-002

Update Timestamps: 30.06.2011 14:17:25

Back Master Data Configure View Send E-Mail

3.5.3.4 Impact on VMI alerts

After the creation and saving of the Planned Receipts, AirSupply updates provisional alerts. This way the supplier can check whether the replenishment strategy is compliant with the customer demands in the period of VMI alert occurrence.

Example

The period for alert occurrence is 40 days (defined in Supplier Site Settings).

The supplier checks his alerts in the 'Alert Overview' screen and sees 16 'Below Min: Projected Stock' alerts:

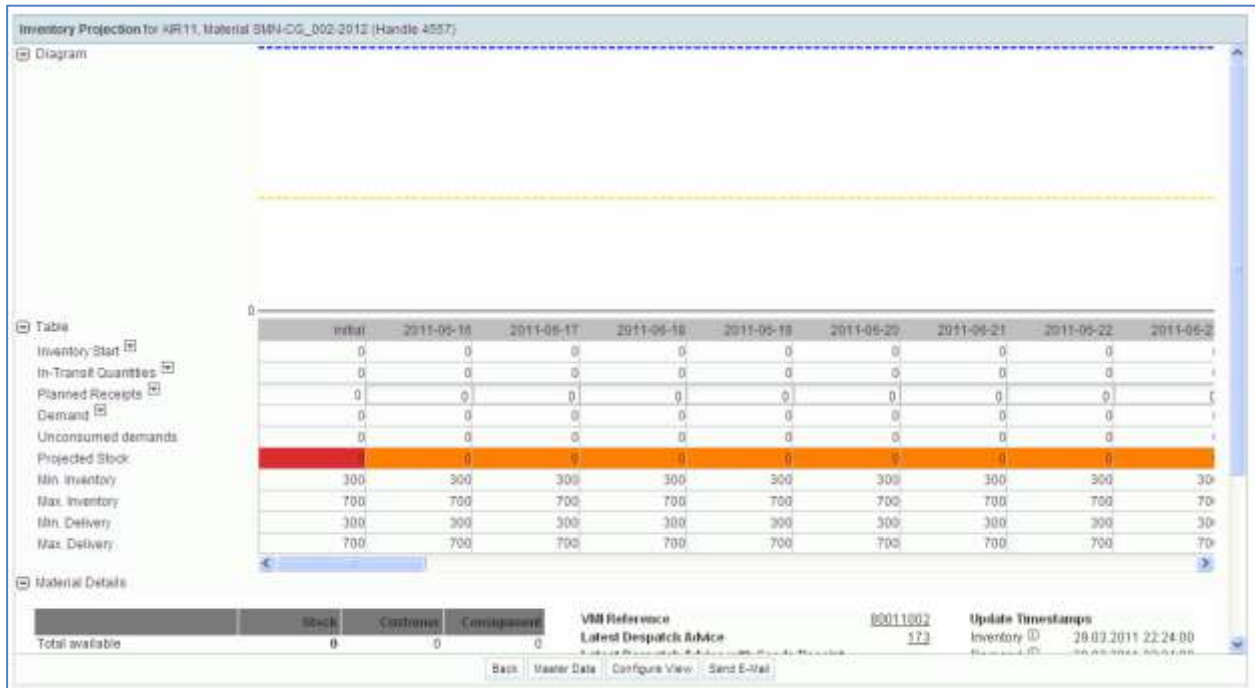
The screenshot shows the 'Alert Overview' interface with search filters and a table of 16 VMI alerts. The search filters are: VMI/VMI alert type: equal to Projected Stock today: Below; VMI/VMI alert type: equal to Projected Stock: Below Min; Ignore Supplier: equal to Not Ignored; Inactive since: equal to; Priority: equal to High. The table has columns for VMI alert type, Priority, Cust. Group, Cust. Org, ERP Plant, Inventory (proj), Occurrence, Cust. Mat. No., Cust. Mat. Desc., Supp. Mat. No., Supplier Material, and Ord. Crt. Name.

VMI alert type	Priority	Cust. Group	Cust. Org	ERP Plant	Inventory (proj)	Occurrence	Cust. Mat. No.	Cust. Mat. Desc.	Supp. Mat. No.	Supplier Material	Ord. Crt. Name
Below Min. Projec.	High	AIRBUS S...	ASTBUY...	1110	250	08.05.2011 23:59	CMR-P-002-V2-01	Handle Fixture long	SMR-P-002-V2-01	Handle 4457	Judy Jilings
Below Min. Projec.	High	AIRBUS S...	ASTBUY...	1110	269	11.07.2011 23:59	CMR-TWO-002-V...	Handle Fixture long	SMR-TWO-002-V...	Handle 4457	Judy Jilings
Below Min. Projec.	High	AIRBUS S...	ASTBUY...	1110	0	30.05.2011 23:59	DRAFT VMI-SS00	↳-<td>-<n>-<tabl...>	ET4254412	ssa	Judy Jilings
Below Min. Projec.	High	AIRBUS S...	ASTBUY...	1110	110	08.05.2011 23:59	CMR-P-002-V2-01	Lever 445	SMR-P-002-V2-01	Lever 445x67	Judy Jilings
Below Min. Projec.	High	AIRBUS S...	ASTBUY...	1110	0	30.05.2011 23:59	CMR-R-002-2004	Support Bracket	SMR-R-002-2004	Support Bracket	Judy Jilings
Below Min. Projec.	High	AIRBUS S...	ASTBUY...	1110	0	30.05.2011 23:59	CMR-CG-002-20	Handle Fixture long	SMR-CG-002-20	Handle 4457	Judy Jilings
Below Min. Projec.	High	AIRBUS S...	ASTBUY...	1110	0	30.05.2011 23:59	CMR-CG-002-20	Lever 445	SMR-CG-002-20	Lever 445x67	James Martin
Below Min. Projec.	High	AIRBUS S...	ASTBUY...	1110	0	30.05.2011 23:59	CMR-CG-002-20	Support Bracket	SMR-CG-002-20	Support Bracket	Judy Jilings
Below Min. Projec.	High	AIRBUS S...	ASTBUY...	1110	0	30.05.2011 23:59	CMR-P-002-2012	Handle Fixture long	SMR-P-002-2012	Handle 4457	Judy Jilings
Below Min. Projec.	High	AIRBUS S...	ASTBUY...	1110	200	08.05.2011 23:59	CMR-P-002-2011	Lever 445	SMR-P-002-2011	Lever 445x67	James Martin

At the bottom of the table, a red box highlights the text '16 entries:'. Below the table, there are navigation options: Back, Set ignore, Set Read, Download, Inventory Projection, and Send E-Mail. At the bottom right, it shows 'Entries per page: 10', 'Page 1 of 2', and 'Last'.

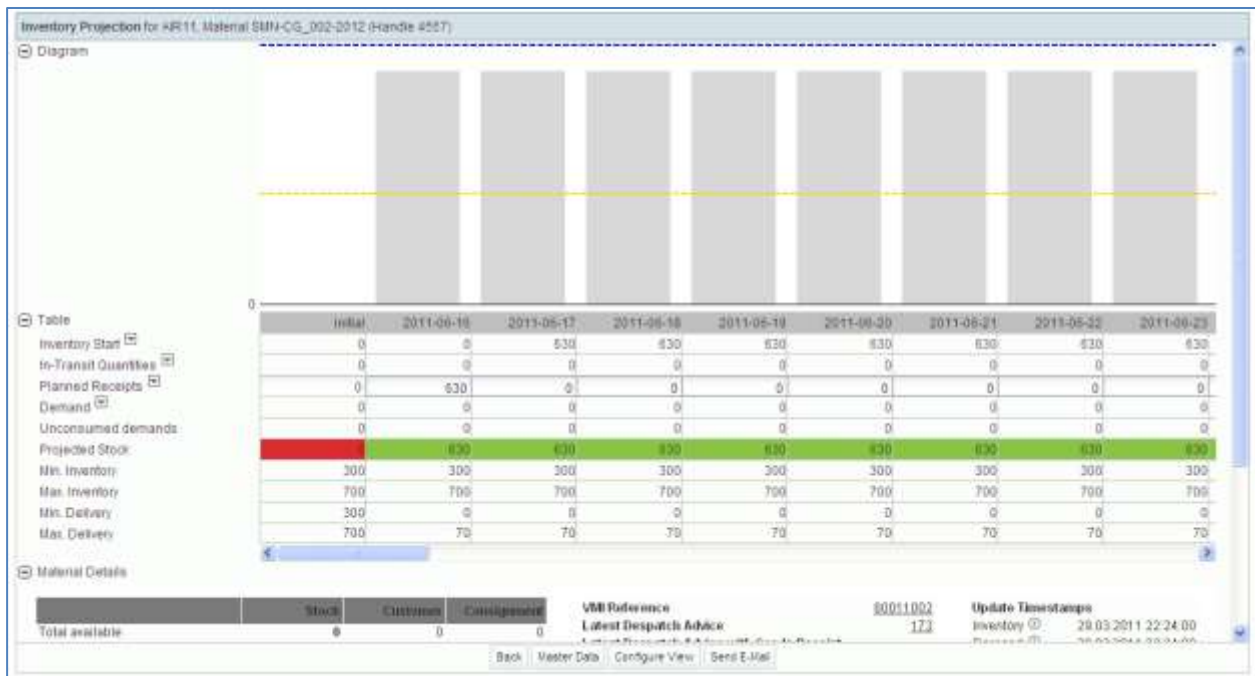
16 entries:

The supplier selects one VMI material row and clicks the 'Inventory Projection' button and arrives at the 'Inventory Projection' screen.



The orange background indicates an under minimum stock situation which is the situation associated to the 'Below Min: Projected Stock' alert.

After generating and saving Planned Receipts, the Projected Stock is between the Min and Max values (green background) as shown below:



After going back to the Dashboard, the supplier user sees only 15 'Below Min: Projected Stock' alerts.

In the 'Alert overview' screen where all 'Below Min: Projected Stock' alerts are displayed, there are now 15 entries.

Successfully saved

Quick Search | Advanced Search

VM/MI alert type equal to Projected Stock today: Below [Delete line](#)

VM/MI alert type equal to Projected Stock: Below Min [Delete line](#)

Ignore Supplier equal to Not Ignored [Delete line](#)

Inactive since equal to [Delete line](#)

New/Read Supplier equal to New [Add line](#) [Delete line](#)

Search [Reset](#)

My search profiles
E-Mail notification

PO Alerts (142) Forecast Alerts (363) VM Alerts (15) SRI Alerts (2) MD Alerts (245)

SupplyOn Def. View [Manage](#) [Print as PDF](#)

VM alert type	Priority	Cust. Group	Cust. Org	ERP Plant	Inventory (proj.)	Occurrence	Cust. Mat. No.	Cust. Mat. Desc.	Supp. Mat. No.	Supplier Material	Ord. Off. Name
Below Min Projec.	High	AIRBUS S.	ASTBUY.	1110	250	08.06.2011 23:59	SMN-P-002-V3-01	Handle Fixture long	SMN-P-002-V3-01	Handle 4557	Judy Jilings
Below Min Projec.	High	AIRBUS S.	ASTBUY.	1110	269	11.07.2011 23:59	SMN-TWO-002-V	Handle Fixture long	SMN-TWO-002-V	Handle 4557	Judy Jilings
Below Min Projec.	High	AIRBUS S.	ASTBUY.	1110	0	30.05.2011 23:59	DRIFT_VM-300	7-16-1tr-1tbl	EPJ2024612	aaa	Judy Jilings
Below Min Projec.	High	AIRBUS S.	ASTBUY.	1110	110	08.06.2011 23:59	SMN-P-002-V2-03	Lever 445	SMN-P-002-V2-03	Lever 445x57	Judy Jilings
Below Min Projec.	High	AIRBUS S.	ASTBUY.	1110	0	30.05.2011 23:59	SMN-R-002-2004	Support Bracket	SMN-R-002-2004	Support Bracket	Judy Jilings
Below Min Projec.	High	AIRBUS S.	ASTBUY.	1110	0	30.05.2011 23:59	SMN-CG-002-20	Lever 445	SMN-CG-002-20	Lever 445x57	James Martin
Below Min Projec.	High	AIRBUS S.	ASTBUY.	1110	0	30.05.2011 23:59	SMN-CG-002-20	Support Bracket	SMN-CG-002-20	Support Bracket	Judy Jilings
Below Min Projec.	High	AIRBUS S.	ASTBUY.	1110	0	30.05.2011 23:59	SMN-P-002-2012	Handle Fixture long	SMN-P-002-2012	Handle 4557	Judy Jilings
Below Min Projec.	High	AIRBUS S.	ASTBUY.	1110	200	08.06.2011 23:59	SMN-P-002-2011	Lever 445	SMN-P-002-2011	Lever 445x57	James Martin
Below Min Projec.	High	AIRBUS S.	ASTBUY.	1110	0	30.05.2011 23:59	SMN-P-002-2010	Support Bracket	SMN-P-002-2010	Support Bracket	Judy Jilings

Back [Set ignore](#) [Set Read](#) [Download](#) [Inventory Projection](#) [Send E-Mail](#)

15 entries: [Matches on Floor](#) [Select all Matches](#) [Clear Selection](#) Entries per page 10 [First](#) [Previous](#) | Page 1 of 2 [Next](#) [Last](#)

 15 entries:

3.6 VMI Shipment

VMI and non-VMI shipment processes are almost identical and it is recommended to use the Despatch Advice process to manage a VMI material.

A **Despatch Advice (DA)** is an electronic delivery notification, which is sent by the supplier to the customer when the pickup of the physical package at the supplier's place is completed. This Despatch Advice helps to accelerate and optimize the Goods Receipt (GR) process and helps to maintain the full transparency in the VMI Inventory Projection screen and related alerts.

A Despatch Advice consists of:

- **Header:** contains the general information related to the shipment.
- **Expedition unit (UX):** physical package that is sent, it contains at least one elementary unit.
- **Elementary unit (UE):** contains one or several items.

The Despatch Advice process is explained in detail in module Shipment [RD6]. However, in this chapter you can also see how to create a DA and the links between DA and VMI In-Transit deliveries are explained.

3.6.1 In-Transit deliveries

In-Transit deliveries are VMI materials which have been shipped by the supplier and which are not yet received by the customer.

In-Transit deliveries are used to calculate the Projected Stock and AirSupply displays the In-Transit deliveries quantity in the 'Inventory Projection' table.

Projected Stock for the end of the time bucket = Initial inventory + In-Transit Quantity + Planned Receipts – Demand (or Unconsumed Demand)

A Despatch Advice can have several statuses and has an estimated date of arrival.

In VMI process there are strong links between a Despatch Advice and In-Transit deliveries:

- The shipped quantity of VMI materials included in a Despatch Advice are automatically added to the In-Transit deliveries quantity.
- Regarding Planned Receipts which represent goods to be shipped, the shipped quantity of the Despatch Advice is subtracted from the Planned Receipts quantity.

3.6.2 Despatch advice creation by the supplier

The process to create a Despatch Advice for a VMI item is the same as for a PO item. The only difference is the access to the Despatch Advice creation screen.

This chapter explains the main steps to create and send a Despatch Advice for a VMI material.

For more information regarding the Despatch Advice creation process, please refer to module Shipment [RD6].

One Elementary Unit of a Despatch Advice corresponds to one VMI material item.

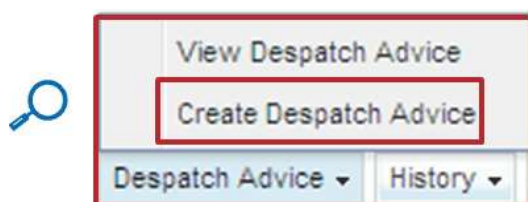
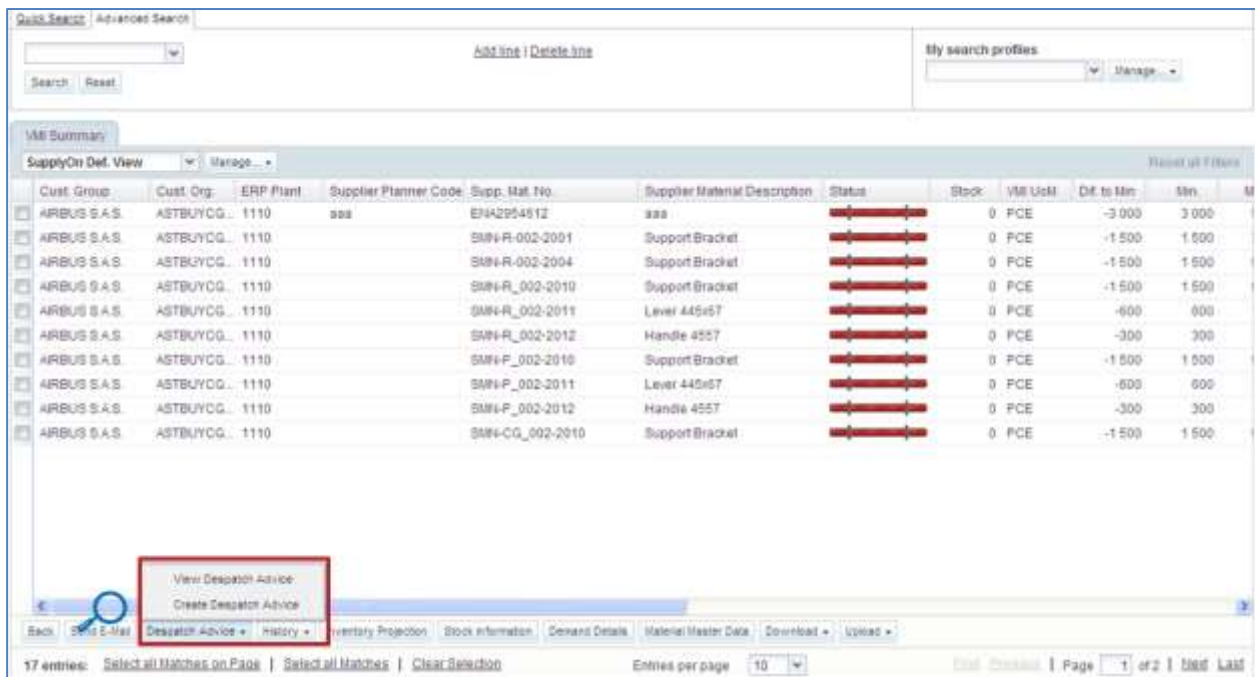
There are two ways to create a Despatch Advice for a VMI material:

- From the 'VMI Summary' screen.
- From the 'Inventory Projection' screen.

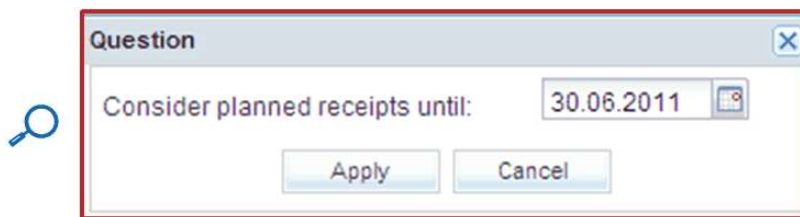
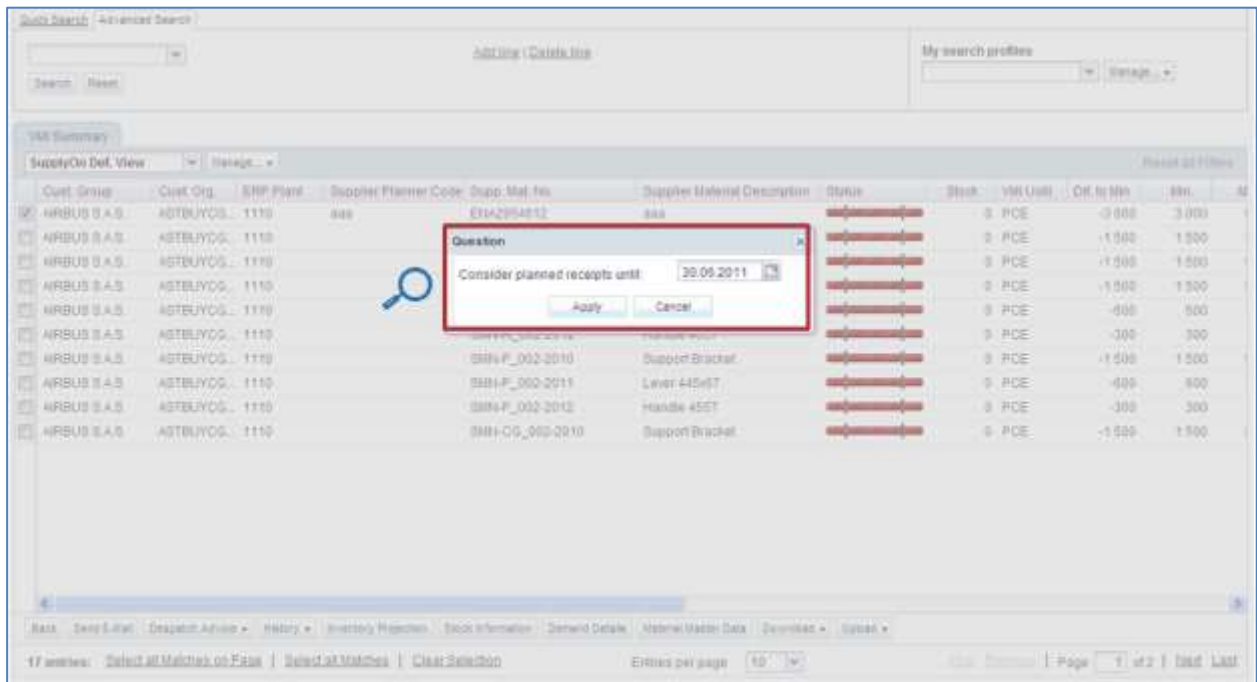
3.6.2.1 DA creation from the VMI Summary

If you are a supplier with the relevant AirSupply role (i.e. AirSellerVMI) you can create Despatch Advice for VMI materials.

You can use the 'VMI Summary' screen to select the VMI material to be shipped. Click the 'Despatch Advice' button and select 'Create Despatch Advice'.



A pop up appears automatically after you click the 'Create Despatch Advice' button.



In the above dialog window you need to choose a date until which your Planned Receipts should be considered. It will be used to calculate automatically the shipped quantity.

For example, if you have already created 100 Planned Receipts until 30.06.2011, the shipped quantity will have a count of 100 in the Despatch Advice.

If you have not created Planned Receipts in this time period, the shipped quantity is 0.

The creation of a Despatch Advice has three mandatory steps:

- Fill mandatory Elementary Unit fields in the 'Elementary Units' tab.
- Fill Expedition Unit fields and associate the UEs to at least one UX in the 'Expedition Units' tab.
- Fill mandatory header data fields in the 'Header Data' tab.

You access the 'Elementary Units' tab after clicking the 'Apply' button.

PO SL	Supp. Mat. No.	Cust. Mat. No.	Fitting Customer	Cust. Mat. Desc.	Weight of UE	DA Rem. Qty	Shipped quant.	Split UE	UoM	Serial
1	SMH-002_FC1	CMH-002_FC		TUBE TA5070 3X	0	0	100		PCE	None

In the column 'Cust. Mat No' (1), you see the VMI Customer Material Number you have selected.

Please note that there is no DA remaining quantity (2) in a Despatch Advice for a VMI material. It is supplier's responsibility to define the quantity to be shipped (according to the Min and Max stock level).

You can change the shipped quantity (yellow field (3)).

In this example, Planned Receipts have been made beforehand, so the shipped quantity displayed is 100.

Note: There is only one Elementary Unit type associated to a VMI reference, this is why there is only one row in the tab.

The following steps have to be performed to create a Despatch Advice:

- Fill out Elementary Units (UE) data
- Fill out Expedition Units (UX) data
- Fill out header data
- Print Despatch Advice

For more information regarding the Despatch Advice configuration process, please refer to Shipment module [RD6].

3.6.2.2 DA creation from the Inventory Projection

You can create a Despatch Advice from the 'Inventory Projection' screen.

Mouse over the menu icon next to 'In-Transit Quantities' and click the 'Create Despatch Advice' button.

Inventory Projection for AR11, Material S8H-P-002_V1_01 (Support Ramp Bracket 51)

Diagram

	mbal	2011-06-16	2011-06-17	2011-06-18	2011-06-19	2011-06-20	2011-06-21	2011-06-22	2011-06-23
Inventory Start	5 000	4 290	4 010	4 010	4 010	4 010	3 580	3 580	3 580
In-Transit Quantities		0	0	0	0	0	0	0	0
Planned Receipts		0	0	0	0	0	0	0	0
Demand		200	0	0	0	450	0	0	0
Unconsumed demands	2 710	200	0	0	0	450	0	0	0
Projected Stock	4 290	4 010	4 010	4 010	4 010	3 580	3 580	3 580	3 580
Min. Inventory	1 500	1 500	1 500	1 500	1 500	1 500	1 500	1 500	1 500
Max. Inventory	5 000	5 000	5 000	5 000	5 000	5 000	5 000	5 000	5 000
Min. Delivery	0	0	0	0	0	0	0	0	0
Max. Delivery	710	990	990	990	990	1 440	1 440	1 440	1 440

Material Details

	Stock	Committed	Committed
Total available	5 000	100	5 000

VM Reference: W001-200
Latest Despatch Advice: L-224567
Update Timestamps: Inventory 17.05.2011 10:08:42

In-Transit Quantities
Planned Receipts
Demand

View Despatch Advice
Create Despatch Advice

A pop up appears automatically after you click the 'Create Despatch Advice' button.

Inventory Projection for AR11, Material S8H-P-002_V1_01 (Support Ramp Bracket 51)

Diagram

	mbal	2011-06-16	2011-06-17	2011-06-18	2011-06-19	2011-06-20	2011-06-21	2011-06-22	2011-06-23
Inventory Start	5 000	4 290	4 010	4 010	4 010	4 010	3 580	3 580	3 580
In-Transit Quantities		0	0	0	0	0	0	0	0
Planned Receipts		0	0	0	500	0	0	0	0
Demand		0	0	0	0	450	0	0	0
Unconsumed demands	2 710	200	0	0	0	450	0	0	0
Projected Stock	4 290	4 010	4 010	4 010	4 510	4 010	3 580	3 580	3 580
Min. Inventory	1 500	1 500	1 500	1 500	1 500	1 500	1 500	1 500	1 500
Max. Inventory	5 000	5 000	5 000	5 000	5 000	5 000	5 000	5 000	5 000
Min. Delivery	0	0	0	0	0	0	0	0	0
Max. Delivery	710	990	990	990	990	1 440	1 440	1 440	1 440

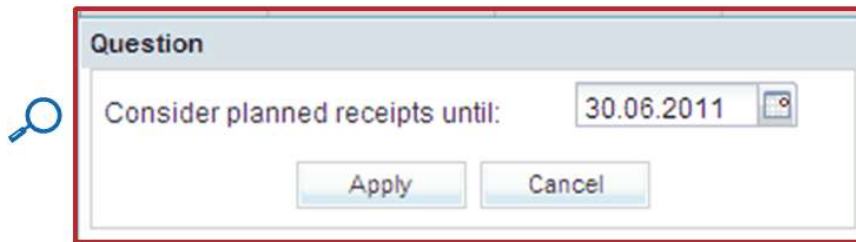
Material Details

	Stock	Committed	Committed
Total available	5 000	100	5 000

VM Reference: W001-200
Latest Despatch Advice: L-224567
Update Timestamps: Inventory 17.05.2011 10:08:42

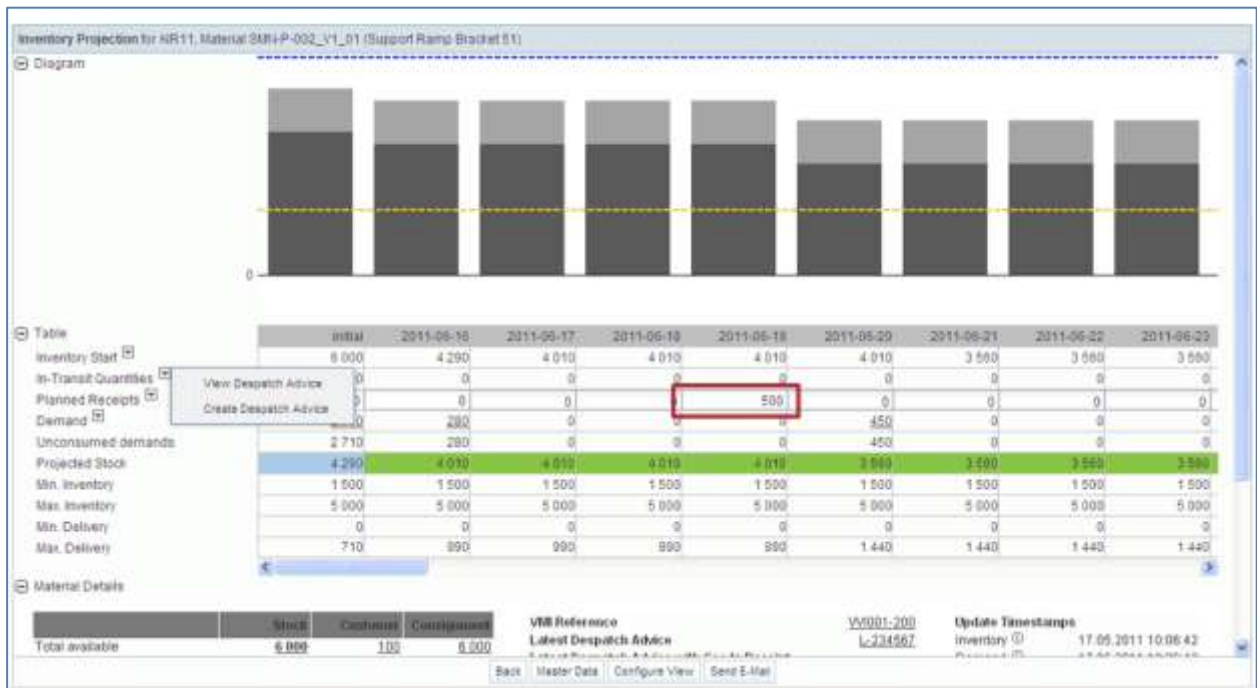
Question: Consider planned receipts until: 30.06.2011

Buttons: Apply, Cancel

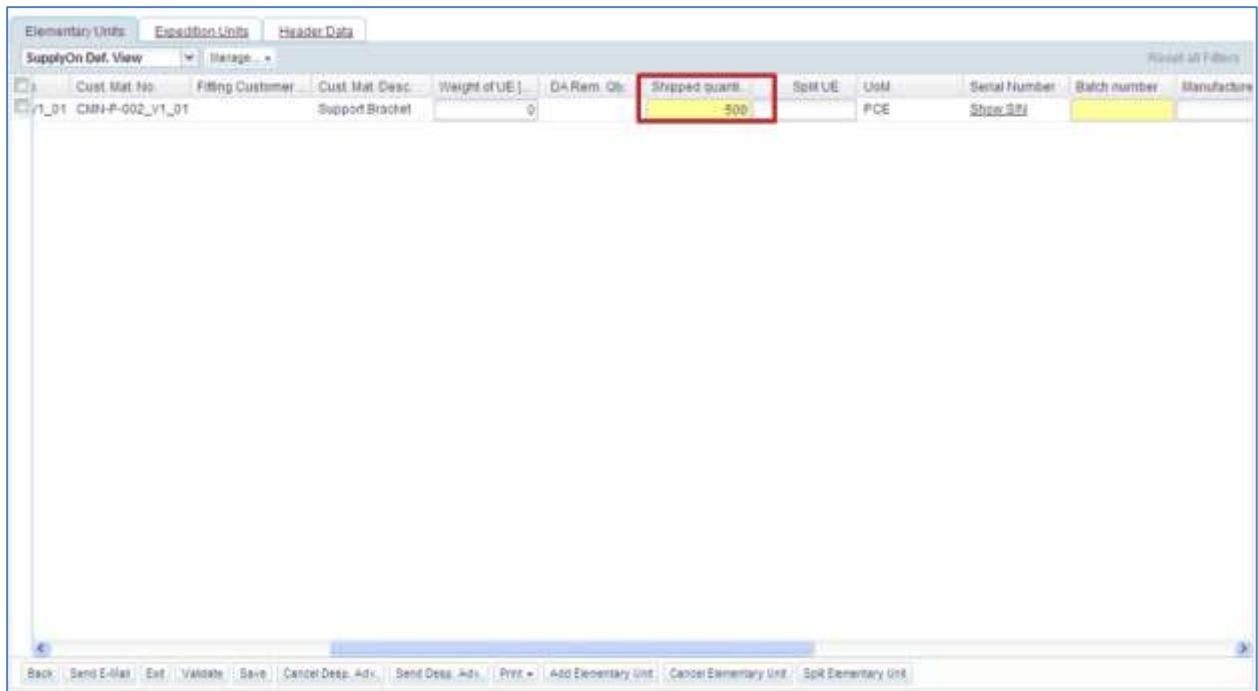


In the table you can check the Planned Receipts you have created, and choose a date until which the Planned Receipts should be considered.

In this example a quantity of 500 Planned Receipts has been defined.

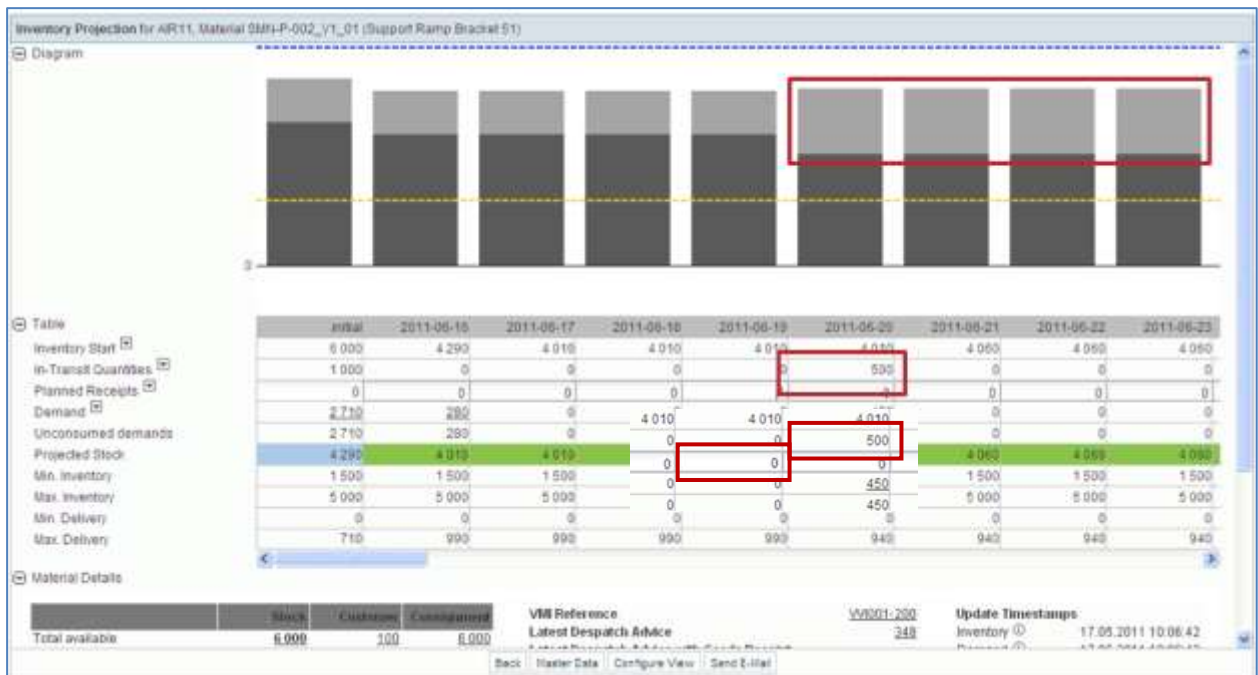


If you click the 'Create Despatch Advice' button and decide to consider Planned Receipts until the 19.06.2011, a quantity of 500 is automatically inserted into the shipped quantity field of the 'Elementary Units' tab:



After creating the Despatch Advice, the corresponding quantity is displayed in the In-Transit row in bucket 2011-06-20 (=estimated date of arrival).

The diagram displays the In-Transit Quantity,



There is no more Planned Receipt in the bucket 2011-06-19.

It is very useful to generate the Planned Receipts and use them to create corresponding Despatch Advice.

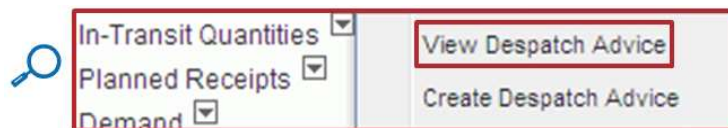
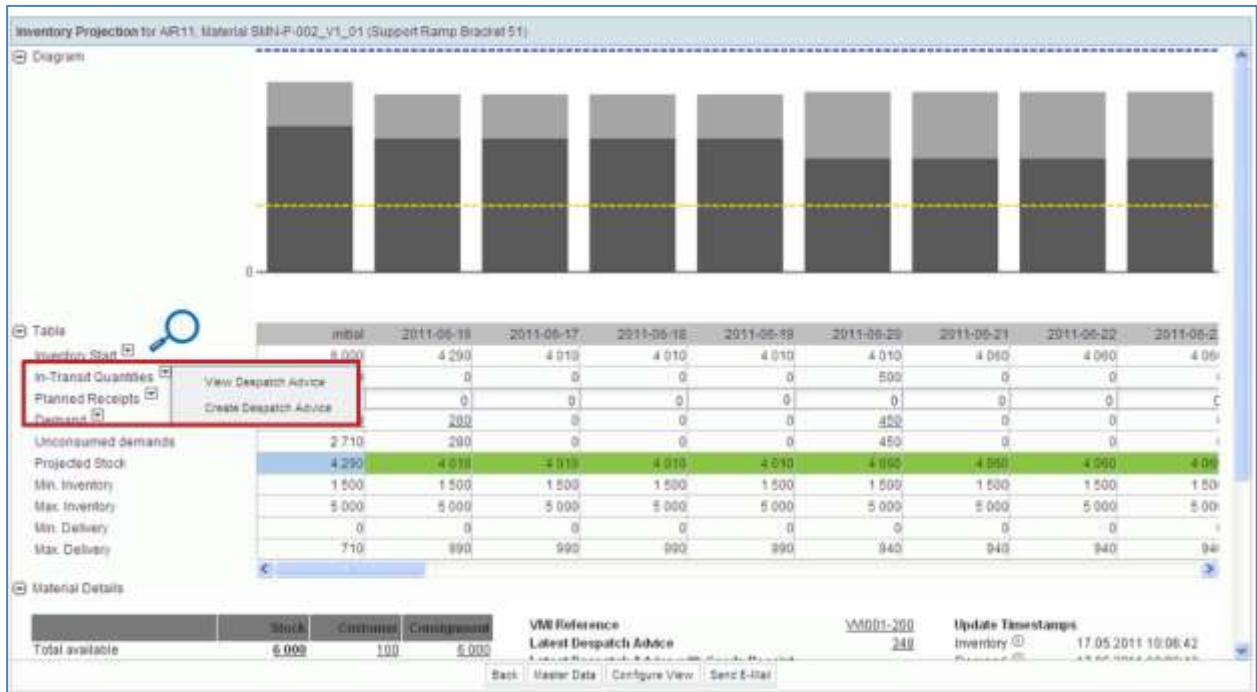
If the stock situation is below Min (this means an alert is raised), you need to create a new Despatch Advice and send items to your customer.

Note: In-Transit Quantities are only considered for sending Despatch Advice. Draft Despatch Advice are not considered for calculating Projected Stock. As far as planned receipts are concerned, they are not updated by the system in case of DA update or DA cancellation.

3.6.3 View Despatch Advice

You can see Despatch Advice linked to In-Transit Quantities displayed in the 'Inventory Projection' screen.

Use the Despatch Advice overview link which can be accessed from the 'Inventory Projection' screen and from the 'VMI Summary' tab.



In the screen below, the system shows the Despatch Advice with 'Sent' status:

Despatch Adv. ID	Despatch advice status	Despatch advice ERROR status	Cust. Group	Cust. Org.	ERP Plant	Ship-to Name 1
L224597	SENT		AIRBUS S.A.S.	4STBUYC	1110	AIRBUS UK Limited

3.6.4 Impacts of sent Despatch Advice on stock levels

In the VMI process, the creation of a Despatch Advice has the following effects:

- **In-Transit deliveries update:** the shipped quantity of elementary units is automatically added to the In-Transit deliveries quantity.
- **Planned receipts update:** the shipped quantity of elementary units is subtracted from the Planned Receipts quantity.
- **Projected Stock, provisional alerts** are recalculated.

3.6.5 Impacts of Despatch Advice update or DA cancellation on VMI process

In the VMI process, the update or cancellation of a Despatch Advice has the following effects:

- **In-Transit deliveries update:** the In-Transit deliveries quantity is automatically updated based on the shipped quantity change in the Despatch Advice.
- **Planned receipts update:** No update of planned receipts in case of DA update or DA cancellation.
- **Projected Stock, provisional alerts** are recalculated.

Note: Please refer to Chapter 3.6 of 'Shipment' module to get more details.

3.7 VMI Receiving

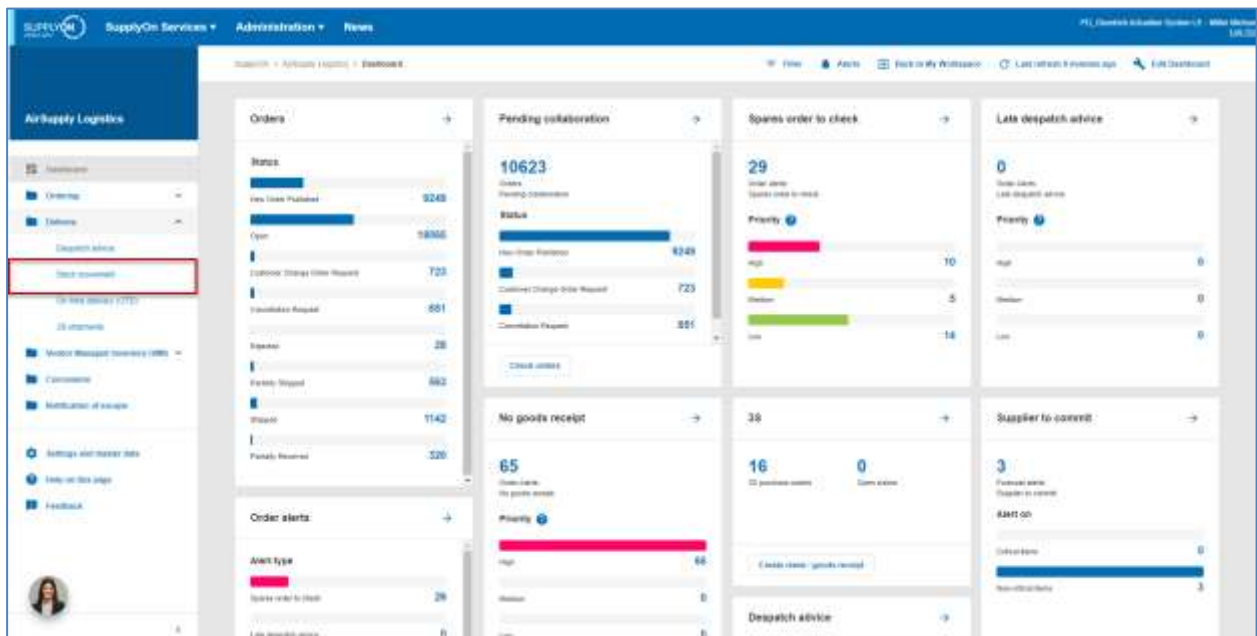
Goods Receipt messages are published in parallel with stock levels and consumption in case of weekly demand.

For a customer publishing demand on a daily basis, the Goods Receipt messages are published in real time in AirSupply.

Once the Goods Receipt is confirmed in the customer ERP system, its status changes to 'Received' in AirSupply. A stock movement is then created with the movement code 'RECEIVED', the movement quantity and the defined detail data.

In VMI, a confirmed Goods Receipt decreases the corresponding 'In-Transit' quantities.

In the Dashboard you use the 'Stock movements' link to consult the Goods Receipts and the stock movements.



Quick Search Advanced Search

Data Type: not equal to Stocklevel Add line | Delete line

My search profiles: Manage

Search Reset

Stock Information

Stock Movements Manage

Cust. Group	Cust. Org.	ERP Plant	Supp. Loc. No.	Supp. Mat. No.	Supplier Material	Material Document No.	Movement Type	Movement Code	Movement Code Desc.	Stock Tr.
TRAINING@ARB	ATBCG1E1	1110		SMN-TWO-002_V	Handle 4057	2011_54000-002_10	-	261	CONSUMPTION	F
TRAINING@ARB	ATBCG1E1	1110		SMN-TWO-002_V	Handle 4057	2011_54000-002_10	-	261	CONSUMPTION	F
TRAINING@ARB	ATBCG1E1	1110		SMN-P-002_V3_01	Handle 4057	2011_54000-002_10	-	261	CONSUMPTION	F
TRAINING@ARB	ATBCG1E1	1110		SMN-P-002_V2_01	Lower 44567	2011_54000-002_10	-	261	CONSUMPTION	F
TRAINING@ARB	ATBCG1E1	1110		SMN-P-002_V1_01	Support Ramp Br.	2011_54000-002_10	-	261	CONSUMPTION	F
TRAINING@ARB	ATBCG1E1	1110		SMN-P-002_F03	ARB7917PCABL	2011_54000-002_10	-	102	CANCELLED	F
TRAINING@ARB	ATBCG1E1	1110		SMN-P-002_F02	ARB7914PCABL	2011_54000-002_10	-	122	RETURNED	F
TRAINING@ARB	ATBCG1E1	1110		SMN-P-002_F01	ARB8512PCABL	2011_54000-002_10	-	101	RECEIVED	F

Back Related Documents History Download Send E-Mail

2 entries: Select all Matches on Page Select all Matches Clear Selection Entries per page: 10 List Columns Page 1 of 1 First Last

Note: The description of each column in this table is available in chapter [5_Appendix] at the end of the module.

From the 'Stock Information' tab, you can use the search function to find Goods Receipt information corresponding to a specific VMI material as shown below:

Quick Search Advanced Search

Data Type: not equal to Stocklevel Add line | Delete line

Customer Material Num: equal to CMN-171_V1 Add line | Delete line

My search profiles: Manage

Search Reset

Stock Information

Stock Movements Manage

Cust. Group	Cust. Org.	ERP Plant	Supp. Loc. No.	Supp. Mat. No.	Supplier Material	Material Document No.	Movement Type	Movement Code	Movement
trg-TRAINING@A	TRGARBUK	1110		SMN-171_V1	Support Ramp Br.	2011_54000-171_10	-	261	CONSUMF
trg-TRAINING@A	TRGARBUK	1110		SMN-171_V1	Support Ramp Br.	2011_54000-171_11	-	261	CONSUMF

Back Related Documents History Download Send E-Mail

2 entries: Select all Matches on Page Select all Matches Clear Selection Entries per page: 10 List Columns Page 1 of 1 First Last

Note: The first Search criteria is displayed automatically. A confirmed Goods Receipt updates the Despatch Advice status ('Sent' becomes 'Received' or 'Partially Received').

3.8 VMI Self Billing

Self Billing Invoice is not a mandatory process for suppliers using VMI. The SBI information is used to update the related consumption in AirSupply.

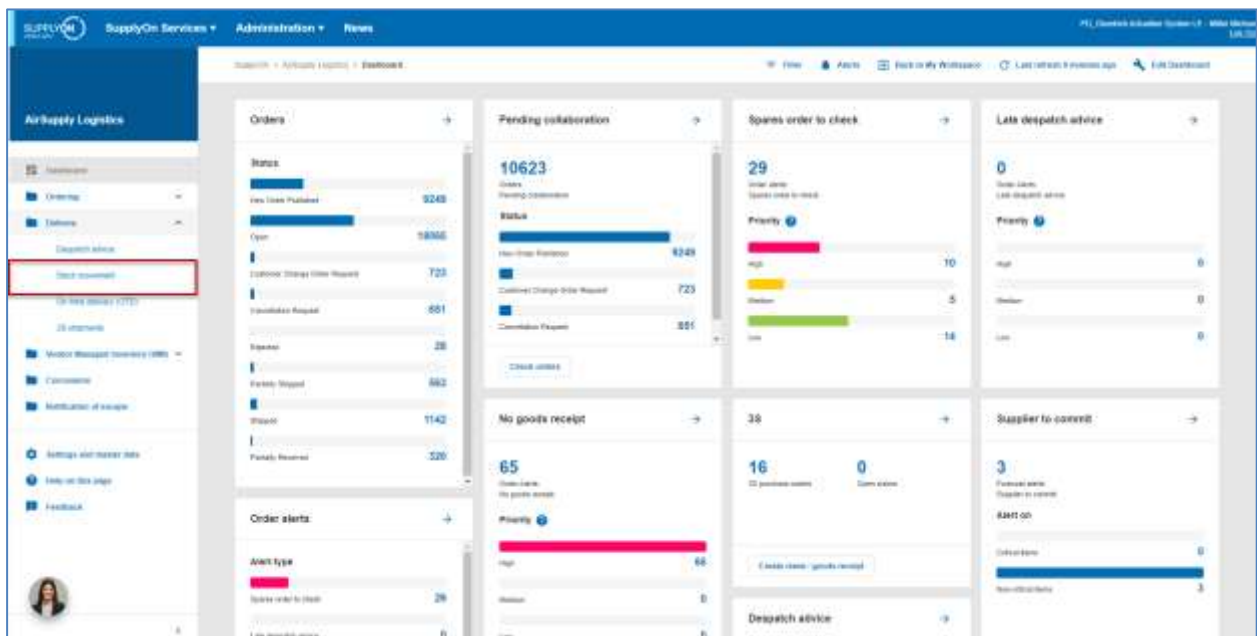
For more information, please refer to module 'Self Billing' [RD8].

3.9 Stock Information

Information on stock level and stock movements of a VMI material is displayed in the stock information screen. You can access the 'Stock Information' screen from the Dashboard.

3.9.1 Stock information from the Dashboard

Click in the menu 'Stock movement' to go to the 'Stock Information' screen.



The screenshot below shows the 'Stock Information' screen.

The screenshot shows the 'Stock Information' screen with a search bar at the top and a table of stock movements. The table has the following columns: Cust. Group, Cust. Org, ERP Plant, Supp. Loc. No., Supp. Mat. No., Supplier Material, Material Document No., Movement Type, Movement Code, Movement Code Desc, and Stock Ty. The table contains 8 rows of data, all with 'TRAINING@ ARB' as the customer group and 'ATBCG1LE1' as the customer organization.

Cust. Group	Cust. Org	ERP Plant	Supp. Loc. No.	Supp. Mat. No.	Supplier Material	Material Document No.	Movement Type	Movement Code	Movement Code Desc	Stock Ty
TRAINING@ ARB	ATBCG1LE1	1110		SMH-TWC-002_V	Handle 4557	2011_54000-002_10	-	261	CONSUMPTION	F
TRAINING@ ARB	ATBCG1LE1	1110		SMH-TWC-002_V	Handle 4557	2011_54000-002_10	-	261	CONSUMPTION	F
TRAINING@ ARB	ATBCG1LE1	1110		SMH-P-002_V3_D1	Handle 4557	2011_54000-002_10	-	261	CONSUMPTION	F
TRAINING@ ARB	ATBCG1LE1	1110		SMH-P-002_V2_D1	Lever 445e57	2011_54000-002_10	-	261	CONSUMPTION	F
TRAINING@ ARB	ATBCG1LE1	1110		SMH-P-002_V1_D1	Support Ramp Bk.	2011_54000-002_10	-	261	CONSUMPTION	F
TRAINING@ ARB	ATBCG1LE1	1110		SMH-P-002_P03	ARB7517PCAB	2011_54000-002_10	-	102	CANCELLED	F
TRAINING@ ARB	ATBCG1LE1	1110		SMH-P-002_P02	ARB7514#CAB	2011_54000-002_10	-	122	RETURNED	F
TRAINING@ ARB	ATBCG1LE1	1110		SMH-P-002_P01	ARB5512#CAB	2011_54000-002_10	-	101	RECEIVED	F

You can consult information on the following data types:

- Goods Receipt.
- Stock movements → consumption (including Movement Code Description).
- Stock levels → unrestricted, quality, blocked for consignment and customer stock data can be viewed by opening the 'Stock Level' screen.

In the menu of the Dashboard, click 'Stock Level' to go to the 'Stock Information' screen,

The screenshot shows the SupplyOn dashboard with a navigation menu on the left and several data cards on the right. The 'Stock Level' menu item is highlighted in red. The dashboard includes cards for Orders, Pending collaboration, Spares order to check, Late despatch advice, No goods receipt, Supplier to commit, and Order alerts.

Quick Search | Advanced Search

Data Type equal to Stocklevel Delete line
 Last Stock Pub. equal to YES Add line | Delete line

Search | Reset

My search profiles

Stock Information

Stock Detail Manage

Cust. Group	Cust. Org.	ERP Plant	Supp. Loc. No.	Supp. Mat. No.	Supplier Material	Consig. Unr.	Consig. Qual.	Consig. B.	Cust. Unr.	Cust. Qual.	Cust. Stock	Unit Of Me.	Be
TRAINING@ARB.	ATBCG1LE1	1110		SMN-P-002_V2_01	Lever 445x67	0	150	0	0	0	0	PCE	E3
TRAINING@ARB.	ATBCG1LE1	1110		SMN-P-002_V2_01	Lever 445x67	400	0	0	0	0	0	PCE	E3
TRAINING@ARB.	ATBCG1LE1	1110		SMN-P-002_V2_01	Lever 445x67	200	0	0	0	0	0	PCE	E3
TRAINING@ARB.	ATBCG1LE1	1110		SMN-P-002_V2_01	Lever 445x67	300	0	0	0	0	0	PCE	E3
TRAINING@ARB.	ATBCG1LE1	1110		SMN-P-002_V1_01	Support Ramp Br.	0	0	0	100	0	0	PCE	14
TRAINING@ARB.	ATBCG1LE1	1110		SMN-P-002_V1_01	Support Ramp Br.	0	0	1	0	0	0	PCE	14
TRAINING@ARB.	ATBCG1LE1	1110		SMN-P-002_V1_01	Support Ramp Br.	0	300	0	0	0	0	PCE	14
TRAINING@ARB.	ATBCG1LE1	1110		SMN-P-002_V1_01	Support Ramp Br.	0	200	0	0	0	0	PCE	14
TRAINING@ARB.	ATBCG1LE1	1110		SMN-P-002_V1_01	Support Ramp Br.	2400	0	0	0	0	0	PCE	14
TRAINING@ARB.	ATBCG1LE1	1110		SMN-P-002_V1_01	Support Ramp Br.	1800	0	0	0	0	0	PCE	14

20 entries: Select all Matches on Page | Select all Matches | Clear Selection

Entries per page 50

Page 2 of 2

Note: The two Search criteria are displayed automatically.

Use the search function to find the required data and if necessary reorder the columns (for further information, refer to module [3_Dashboard]):

Quick Search | Advanced Search

Data Type equal to Stocklevel Delete line
 Last Stock Pub. equal to YES Delete line
 Supplier Material Name contains _V3 Add line | Delete line

Search | Reset

My search profiles

Stock Information

Stock Detail Manage

Cust. Group	Cust. Org.	ERP Plant	Supp. Loc. No.	Supp. Mat. No.	Supplier Material	Consig. Unr.	Consig. Qual.	Consig. B.	Cust. Unr.	Cust. Qual.	Cust. E
trg-TRAINING@A.	TRGARBUK	1110		SMN-171_V3	Handle 4557	0	0	1	0	0	
trg-TRAINING@A.	TRGARBUK	1110		SMN-171_V3	Handle 4557	0	50	0	0	0	
trg-TRAINING@A.	TRGARBUK	1110		SMN-171_V3	Handle 4557	80	0	0	0	0	
trg-TRAINING@A.	TRGARBUK	1110		SMN-171_V3	Handle 4557	270	0	0	0	0	

4 entries: Select all Matches on Page | Select all Matches | Clear Selection

Entries per page 10

Page 1 of 1

Note: The description of each column in this table is available in chapter [5_Appendix] at the end of the module.

3.9.2 Stock Information from Inventory Projection

There is another way to easily consult stock level on a VMI material. In the Inventory Projection tab, you have information on the available stock:

Inventory Projection for AR11, Material SMP-P-002_V1_01 (Support Ramp Bracket 51)

	Initial	2011-05-15	2011-05-16	2011-05-17	2011-05-18	2011-05-19	2011-05-20	2011-05-21	2011-05-22
Inventory Start	6 000	4 290	4 290	4 010	4 010	4 010	4 010	3 560	3 560
In-Transit Quantities	1 000	0	0	0	0	0	0	0	0
Planned Receipts	0	0	0	0	0	0	0	0	0
Demand	2 710	0	288	0	0	0	450	0	0
Unconsumed demands	2 710	0	288	0	0	0	450	0	0
Projected Stock	4 290	4 290	4 010	4 010	4 010	3 560	3 560	3 560	3 560
Min Inventory	1 500	1 500	1 500	1 500	1 500	1 500	1 500	1 500	1 500
Max Inventory	5 000	5 000	5 000	5 000	5 000	5 000	5 000	5 000	5 000
Min. Delivery	0	0	0	0	0	0	0	0	0
Max. Delivery	710	710	990	990	990	990	1 440	1 440	1 440

Material Details

	Stock	Customer	Consignment
Total available	6 000	100	6 000
Unrestricted	6 000	100	6 000
Quality	500	0	500
Blocked	1	0	1

Minimum Inventory 1 500 PCE
Maximum Inventory 5 000 PCE
Coverage (Day(s)) 77.3 with in-transit / 61.6 without in-transit

VMI Reference W0001200
Latest Despatch Advice L-234567
Latest Despatch Advice with Goods Receipt -
Safety Stock Calc. Method Avg. Demand
Rounding Delivery Quantity 100
Minimum Delivery Quantity 100

Update Timestamps
 Inventory 17.05.2011 10:06:42
 Demand 17.05.2011 10:06:42
 Despatch Advice
 Goods Receipt

VMI UoM PCE
VMI Transportation Time 36 hour(s)

Legend: On, Above Max, Under Min, Below Min, Inventory at the end of the time buckets, In-Transit Quantities, Planned Receipts, Negative Proj. Stock, Max Inventory, Min Inventory, VMI Transportation Time

Back Master Data Configure View Send E-Mail

Material Details

	Stock	Customer	Consignment
Total available	6 000	100	6 000
Unrestricted	6 000	100	6 000
Quality	500	0	500
Blocked	1	0	1

Minimum Inventory 1 500 PCE
Maximum Inventory 5 000 PCE
Coverage (Day(s)) 77.3 with in-transit / 61.6 without in-transit

By clicking the total available stock count (6000), you go to the stock information tab displaying pre-filtered data.

In this example stock data value 6000, summarizes two stock level messages (2400+3600) identified within specific customer and supplier batch numbers.

Quick Search / Advanced Search

Customer Material Num equal to CMH-P-002_V1_01 [Delete line](#)

Supplier Site equal to TRAFINIG@002-SupA [Delete line](#)

Cust Site equal to AIR11 [Delete line](#)

Last Stock Pub equal to YES [Delete line](#)

Stock Level Type contains Consig Utvas [Add line](#) | [Delete line](#)

Search Reset

My search profiles [Manage...](#)

Stock Information

Stock Detail [Manage...](#)

Cust. Group	Cust. Org	ERP Plant	Supp. Loc. No.	Supp. Mat. No.	Supplier Material	Consig. Utr.	Consig. Qual.	Consig. B...	Cust. Utr.	Cust. Qual.	Cust. Stock
ARBUS S.A.S.	ASTBUYCG1LE1	1110		SMH-P-002_V1_01	Support Ramp Br	2 400	0	0	0	0	0
ARBUS S.A.S.	ASTBUYCG1LE1	1110		SMH-P-002_V1_01	Support Ramp Br	3 400	0	0	0	0	0

Back Related Documents History Download Send E-Mail

2 entries: Select all matches on Page | [Select all matches](#) | [Clear Selection](#) Entries per page: 10 End Control Page 1 of 1 Next Last

In the "Stock Information" screen, there are two predefined profiles displaying different column ranges:

- Stock Detail
- Stock Movements

The "Stock Detail" profile displays columns related to inventory levels for the selected VMI material(s):

Quick Search / Advanced Search

Customer Organisation equal to AIRBUS UK [Delete line](#)

Customer Material Num equal to CMH-P-002_V1_01 [Add line](#) | [Delete line](#)

Search Reset

My search profiles [Manage...](#)

Stock Information

Stock Detail [Manage...](#)

Cust. Group	Cust. Org	ERP Plant	Supp. Loc. No.	Supp. Mat. No.	Supplier Material	Consig. Utr.	Consig. Qual.	Consig. B...	Cust. Utr.	Cust. Qual.	Cust. Stock	Unit Of Me...	Batch No.	Stat.
TRAFINIG@ARB...	ASTBUYCG1LE1	1110		SMH-P-002_V1_01	Support Ramp Br	0	0	0	100	0	0	PCE	14401	300
TRAFINIG@ARB...	ASTBUYCG1LE1	1110		SMH-P-002_V1_01	Support Ramp Br	0	0	1	0	0	0	PCE	14412	300
TRAFINIG@ARB...	ASTBUYCG1LE1	1110		SMH-P-002_V1_01	Support Ramp Br	0	300	0	0	0	0	PCE	14500	301
TRAFINIG@ARB...	ASTBUYCG1LE1	1110		SMH-P-002_V1_01	Support Ramp Br	0	200	0	0	0	0	PCE	14412	300
TRAFINIG@ARB...	ASTBUYCG1LE1	1110		SMH-P-002_V1_01	Support Ramp Br	2 400	0	0	0	0	0	PCE	14500	301
TRAFINIG@ARB...	ASTBUYCG1LE1	1110		SMH-P-002_V1_01	Support Ramp Br	3 600	0	0	0	0	0	PCE	14412	300
TRAFINIG@ARB...	ASTBUYCG1LE1	1110		SMH-P-002_V1_01	Support Ramp Br							PCE	14500	301

Back Related Documents History Download Send E-Mail

The " Stock Movements" profile displays columns related to stock movements, such as goods receipts and consumption quantities, for the selected VMI material(s):

Quick Search | Advanced Search

Customer Organisation equal to AIRBUS UK [Delete line](#)
 Customer Material Name equal to CMH-P-002_v1_01 [Add line](#) | [Delete line](#)

By search profiles [Manage...](#)

Search | Reset

Stock Information

Stock Movements [Manage...](#) Reset all filters

Material Document No.	Movement Type	Movement Code	Movement Code Desc.	Stock Type	PO/MR Reference
2011_54000-002_10_	-	261	CONSUMPTION	F	VM001-200

Back | Related Documents | History | Download | Send E-Mail

You can easily switch from "Stock Detail" profile for "Stock Movements" profile.

3.9.3 VMI history

There are two types of VMI history data displayed in AirSupply:

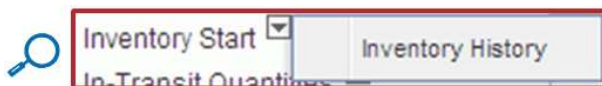
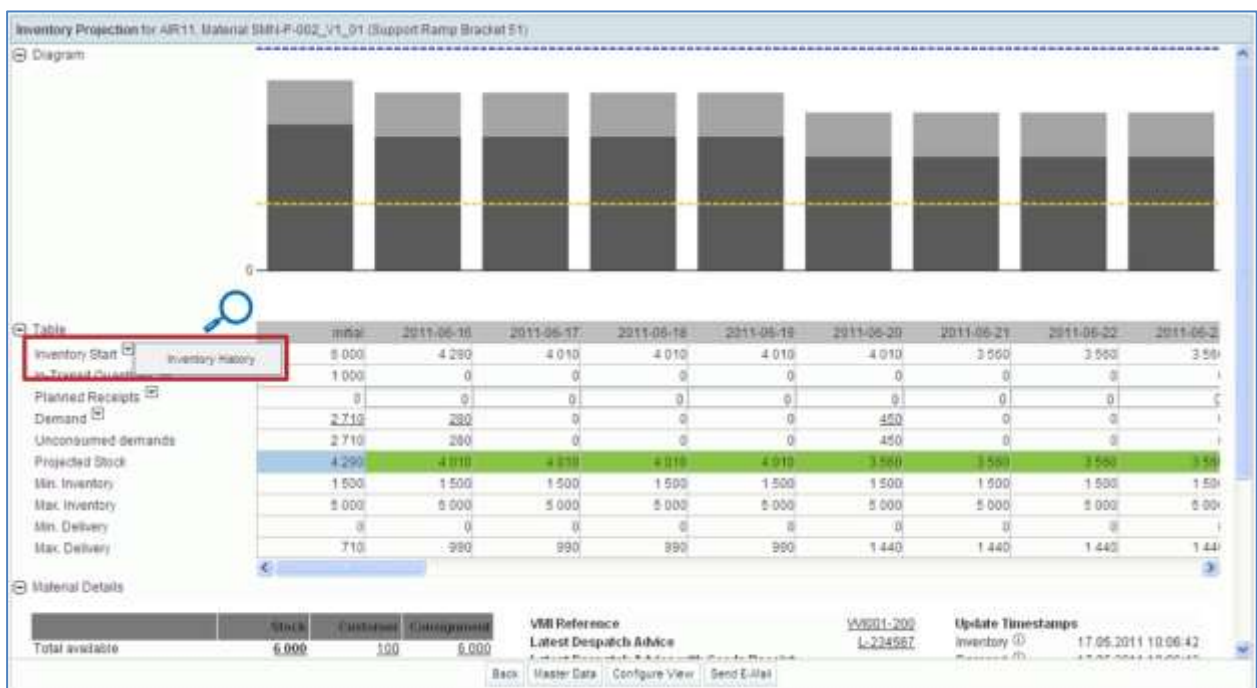
- The 'Inventory History'
- The 'Demand History'

3.9.3.1 The Inventory History

The Inventory History table provides information on all stock changes for a VMI material as well as information on the Material Master Data including the reason behind any change performed by the customer.

It can be accessed from the 'Inventory Projection' and 'VMI Summary' screens.

From the 'Inventory Projection' screen, use the mouse over the 'Inventory Start' dropdown menu, as follows:



From the 'VMI Summary' tab, click the 'History' and then on the 'Inventory History' button, as follows.

The screenshot shows the 'VMI Summary' interface. At the top, there is a search bar and 'Add line | Delete line' options. Below is a table with columns: Cust. Group, Cust. Org, ERP Plant, Supplier Planner Code, Supp. Mat. No., Supplier Material Description, Status, Stock, VMI UoM, DE to Min, Min, and M. The table lists several materials from AIRBUS S.A.S. At the bottom, a navigation bar contains buttons for 'Back', 'Send E-Mail', 'Desktop', 'Print', 'History', 'Inventory Projection', 'Stock Information', 'Demand Details', 'Material Master Data', and 'Download'. The 'History' button is highlighted with a red box and a magnifying glass icon.

This is a close-up of the 'History' dropdown menu. The menu is open, showing 'Inventory History' and 'Demand History' as options. 'Inventory History' is highlighted with a red box and a magnifying glass icon.

The screenshot below shows the 'Inventory History' display for a given VMI material.

The screenshot shows the 'Inventory History' display for material CBR4-P-002_V1_01 (Support Bracket). The interface includes a search bar for 'Change timestamp from' and 'to'. Below is a table with columns: Change Date (GMT+00:00), Source of Change, Stock, Status, Min, Max, Consig. Utrms, Consig. Qual, Consig. Block, Cust. Utr, Cust. Qual, and Cust. Block. The table lists several change events, including 'Recalculation after day change' and 'Material creation via EDI'. At the bottom, a navigation bar contains buttons for 'Back', 'Send E-Mail', 'Inventory Projection', 'Stock Information', and 'Download'. The 'Inventory Projection' button is highlighted with a red box and a magnifying glass icon.



1 Back	By clicking this button you get to the previous screen.
2 Send E-Mail	By clicking this button you can send an e-mail. For further information refer to chapter [3.12_Send a message].
3 Inventory Projection	By clicking this button you get to the 'Inventory Projection' screen. For further information refer to chapter [3.5_Inventory Projection and Planned Receipts].
4 Stock Information	By clicking this button you get to the 'Stock Information' screen. For further information refer to chapter [3.7_VMI Receiving].
5 Download	By clicking this button you can download the history. For further information refer to chapter [3.11_Download / Upload].

Change Date	Last date that something changed in the inventory
Source of Change	Action that led to the change
Stock	Sum of available stock
Status	Status of the material
Min.	Minimum stock quantity today
Max.	Maximum stock quantity today
Consig. Unres.	Consignment unrestricted stock
Consig. Qual.	Consignment quality stock
Consig. Block	Consignment blocked stock
Cust. Unres.	Customer unrestricted stock
Cust. Qual.	Customer quality stock

Note: The description of each column in this table is available in chapter [5_Appendix] at the end of the module.

By default, AirSupply displays Inventory History information for the last two weeks. You can modify the default timestamp and display inventory changes for a longer period.

You can choose timestamp to search changes in VMI and create a search profile:

SupplyOn Def. View [v] Manage... [v]
 Inventory history Material CMN-P-002_V1_01(Support Bracket)
 Change timestamp from 01.01.2011 [c]
 to 16.06.2011 [c] Search

There are several sources of changes:

- Master Data Change via user interface
- Master Data change via upload
- Master Data change via EDI
- Material creation via EDI
- Master Data change
- Stock Level change
- Consumption
- Goods Receipt processed
- Goods Receipt cancelled
- Goods Receipt returned
- Despatch Advice sent
- Despatch Advice cancelled
- VMI Demand change
- Recalculation after day change

You can consult the stock levels, movements and in In-Transit Quantity linked to the changes:

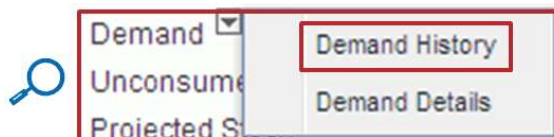
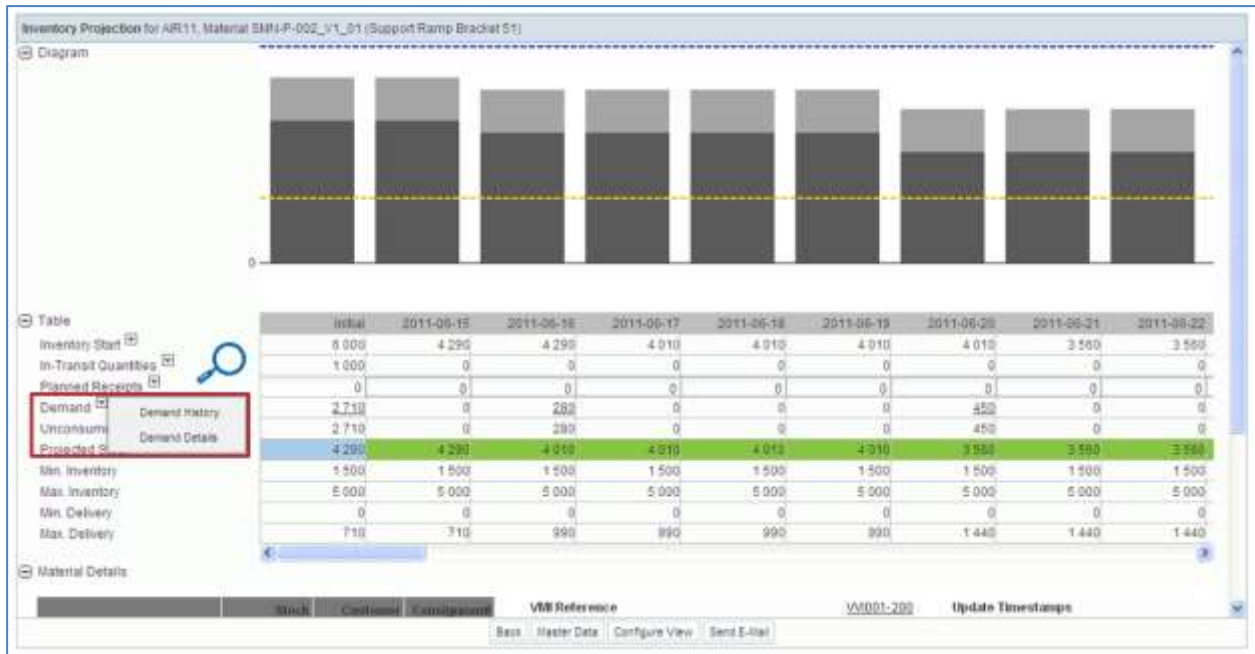
Change Date (GMT+00:00) +	Source of Change	Stock	Status	Min.	Max.	Consig. Free	Consig. Qual	Consig. Block	Cust. Free	Cust. Qual
06.04.2011 18:35	Despatch Advice sent	900		600	1 300	900	10	0	50	10
06.04.2011 18:30	Despatch Advice sent	900		600	1 300	900	10	0	50	10
06.04.2011 18:00	Despatch Advice sent	900		600	1 300	900	10	0	50	10
05.04.2011 00:04	Recalculation after day change	900		600	1 300	900	10	0	50	10
04.04.2011 00:03	Recalculation after day change	900		600	1 300	900	10	0	50	10
01.04.2011 00:03	Recalculation after day change	900		600	1 300	900	10	0	50	10
31.03.2011 00:03	Recalculation after day change	900		600	1 300	900	10	0	50	10
29.03.2011 22:20	Stock Level change	900		600	1 300	900	10	0	50	10
29.03.2011 22:09	Material creation via EDI	0		600	1 300	0	0	0	0	0

Note: In case of VMI material Master Data update, the customer can send information from his ERP system to explain the reasons of the change. It is displayed via the 'Comment' column. This column is not displayed by default in 'Inventory History' screen but you can select it via the drop down menu located on the right side of any of the columns title shown. Once you clicked the drop down menu, drag your mouse on the line 'Columns' and tick the checkbox of the line named 'Comment'. Refer to module Dashboard [RD3] Chapter [2.5.2_Choice of displayed columns] for more details.

3.9.3.2 Demand history

Within the 'Demand History' tab, you have an overview of all demand messages exchanged for a selected VMI material.

The demand history tab can be accessed from the 'Inventory Projection' screen by mouse over the 'Demand' dropdown menu:



The screenshot below shows the 'Demand History' tab of a VMI material (by default 14 days).



You can search for a demand message for previous, current or future dates.

Demand History for Material CMN-P-002_V1_01 (Support Bracket) - AIR11 - ASTSELCG2LE1

Messages from days back

Display from buckets ahead

daily weekly monthly

It is possible to configure the resolution of the time axis (daily, weekly, monthly) and the number of buckets displayed.

The screenshot below shows an example of demand messages from 01.04.2011 for the next 14 weeks:

Demand History for Material CMN-CG_002-2011 (Lever 445) - AIR11 - ASTSELCG2LE1

Messages from days back

Display from buckets ahead

daily weekly monthly

Document No.	Message Timestamp	2011-W13	2011-W14	2011-W15	2011-W16	2011-W17	2011-W18	2011-W19	2011-W20	2011-W21	2011-W22	2011-W23	2011-W24	2011-W25	2011-W26	2011-W27
2242014	29.03.2011		230	170	250	90	240	160	140	100	230	170	250	90	240	170

Demand History for Material CMN-CG_002-2011 (Lever 445) - AIR11 - ASTSELCG2LE1

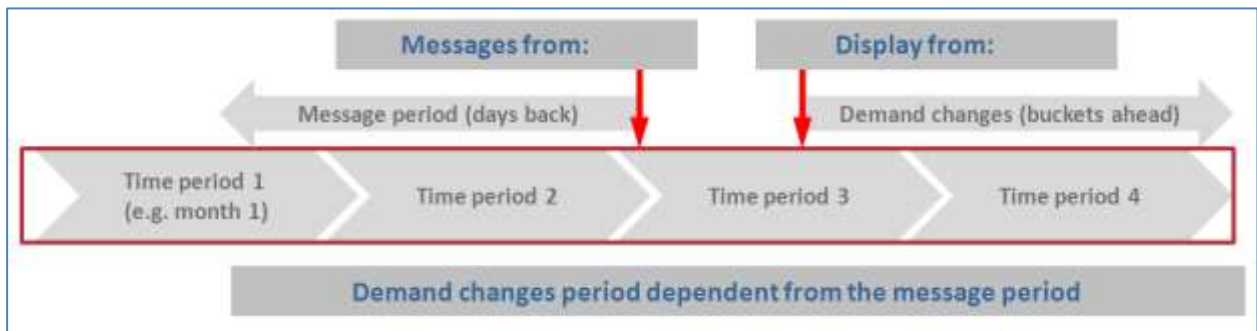
Messages from days back

Display from buckets ahead

daily weekly monthly

With the search function you can search the VMI demand changes for a time period, based on the demand messages of your customer in a previous time period.

To search the Demand History you need to select a start date for the search and enter the number of days back from this date that you wish to search. You also need to select whether you want to view daily, weekly or monthly demand changes. Finally, you enter the demand horizon start date and the number of future buckets you want to search.



Example

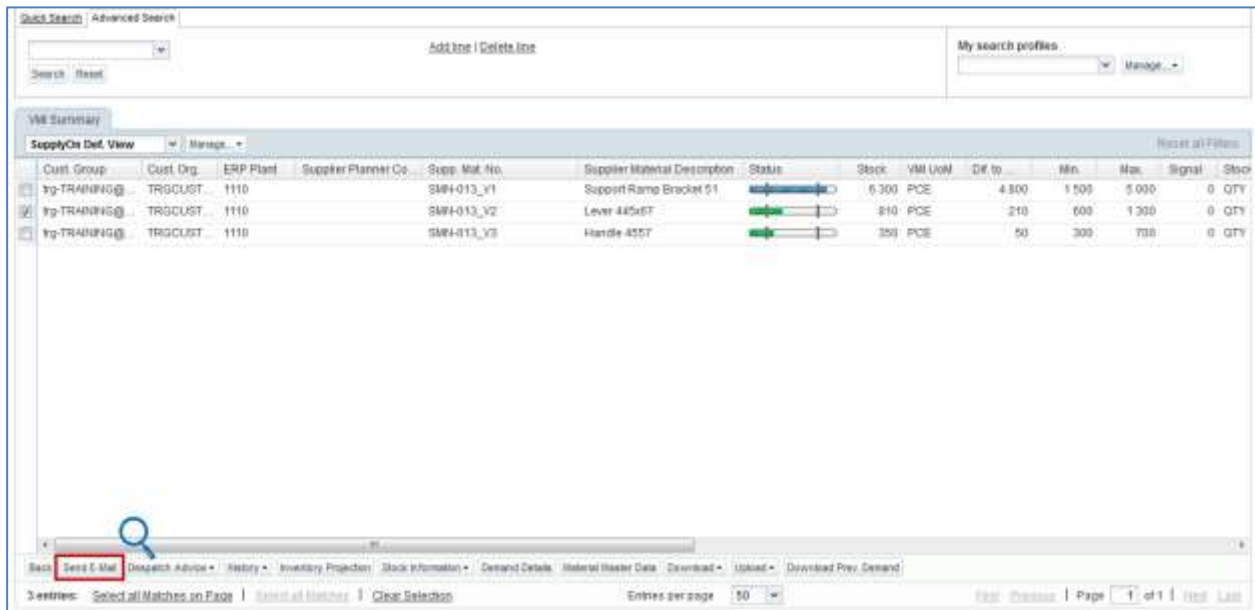
You want to know the VMI demand changes for August, based on the demand messages of your customer between 1st of June and 15th of June: Select 15th of June as your start date and enter 15 days back. The second line is for the demand horizon. Enter 1st of August and enter 31 buckets ahead. Select the radio button 'daily'. Alternatively you can enter 4 buckets ahead and select the button 'weekly'.

3.10 Send message

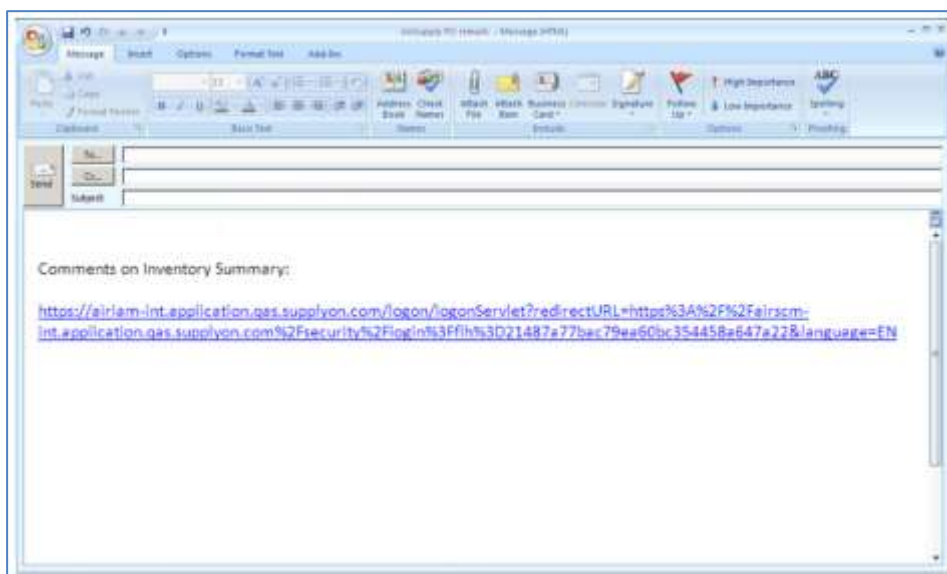
The send message functionality allows you to send an e-mail with a link to a VMI screen from your local e-mail client (e.g. MS Outlook™ or Lotus Note).

Note: Please note that Webmail cannot be set as a default email client.

For example in the 'VMI Summary' tab, select a row and click the 'Send E-Mail' button.



A draft e-mail is automatically created:



Please note that there is no default mail recipient.

When recipient clicks the link they will go to the 'Inventory Projection' screen of the VMI material.

3.11 Download / Upload VMI data

VMI data can be downloaded and uploaded via the graphic user interface (GUI) in AirSupply.

You can either download VMI data from AirSupply in Comma Separated Values (.CSV) or in MS Excel™ (.XLS) format. The download selection is limited to 5000 lines.

For downloads performed in Comma Separated Values (.CSV) format, you can retrieve these VMI data in a spreadsheet application (such as Microsoft Excel™).



Only the 'Planned Receipt full' download type authorize you to perform changes to the downloaded VMI data and upload them later in AirSupply.

Note: Please refer to the help online for more information on Download / Upload functionality.

3.11.1 Download VMI data

There are several screens from which it is possible to download VMI data, as follows:

- 'VMI Summary'
- 'Demand Details'
- 'Demand Header'
- 'Demand History'
- 'Inventory History'
- 'Stock Information'

The scenario below explains how to access the download function from the 'VMI Summary' screen and the different download options available.

- Select materials by ticking the checkboxes of the lines you want to download.
- Click the 'Download' button and choose one of the download options.

Several download options are displayed after clicking 'Download', as follows:

Line	Mat. No.	Mat. Desc.	Status	Stock	VMI Unit	Del. In	Min	Max	Signal	Stock
1	9g-TRAINING@...	Support Ramp Bracket 51	Green	8 300	PCE	4 500	1 500	5 000	0	QTY
2	9g-TRAINING@...	Laver 442x7	Green	810	PCE	210	600	1 300	0	QTY
3	9g-TRAINING@...	Handle 4527	Green	350	PCE	50	300	700	0	QTY

Download options menu:

- Demand Details full (CSV)
- Demand Details full (XLS)
- Inventory Projection (CSV)
- Inventory Projection (XLS)
- Inventory History full
- Demand History full
- Planned Receipt full
- Displayed Columns Only

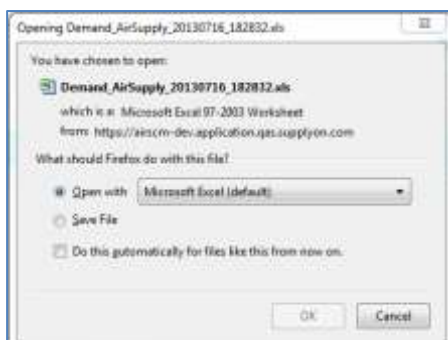
Explanation of the download options:

'Demand Details full (CSV)'	By clicking this option you download the full Demand Details in Comma Separated Values (.CSV). These are the same as you see when you click on 'Demand Details' in the lower navigation. If you download the Demand Details you will see all available columns.
'Demand Details full (XLS)'	By clicking this option you download the full Demand Details in Microsoft Excel™ format (.XLS). Most spreadsheet programs can process this format.
'Inventory Projection (CSV)'	By clicking this option you download the Inventory Projection in Comma Separated Values (.CSV). This is an independent format that can be opened by all text and spreadsheet programs. You can also see this by clicking on 'Inventory Projection' in the lower navigation.
'Inventory Projection (XLS)'	By clicking this option you download the Inventory Projection in Microsoft Excel™ format (.XLS). Most spreadsheet programs can process this format. You can also see this by clicking on 'Inventory Projection' in the lower navigation.
'Inventory History full'	By clicking this option you download the full Inventory History. You can also see this by clicking on 'History' and then on 'Inventory History' in the lower navigation. If you download the Inventory History you will see all available columns. Download will be done in Comma Separated Values (.CSV) format.
'Demand History full'	By clicking this option you download the full Demand History. You can also see this by clicking on 'History' and then on 'Demand History' in the lower navigation. If you download the Demand History you will see all available columns. Download will be done in Comma Separated Values (.CSV) format.
'Planned Receipts full'	By clicking this option you download all Planned Receipts. You can also see these in the 'Inventory Projection' screen. Download will be done in Comma Separated Values (.CSV) format. This file is the only one authorizing updates and upload of planned receipts data into AirSupply.
'Displayed Columns Only'	By clicking this option you download the current screen with only the displayed columns. Download will be done in Comma Separated Values (.CSV) format.

Once the download starts, the following message is displayed.

i Download started in the background. File will be provided for download once finished.

Your browser (depending on its configuration) then either asks if the file shall be saved or directly starts the .CSV/.XLS associated application, as the example shown below:



You will find below extracts of the main download options explained above.

If you download planned receipts, all the buckets of the Inventory Projection tab are downloaded:

	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO
1	BucketQualifier	TimeBucket	GrossDemand	UnconsumedDemand	PlannedReceipts	InTransQuant	ProjStock	MinStock	MaxStock	MinProposal	MaxProposal	TodayInTrans	TotalInTrans
2	BucketQualifier	TimeBucket	GrossDemand	UnconsumedDemand	PlannedReceipts	InTransQuant	ProjStock	MinStock	MaxStock	MinProposal	MaxProposal	TodayInTrans	TotalInTrans
3	D	20130619	40	40	0	0	310	300	700	0	390	0	0
4	D	20130623	30	30	0	0	290	300	700	20	420	0	0
5	D	20130627	60	60	0	0	220	300	700	80	480	0	0
6	D	20130701	30	30	0	0	190	300	700	110	510	0	0
7	D	20130705	30	30	0	0	160	300	700	140	540	0	0

You can download the inventory projection of a VMI material in the .CSV format or in the .XLS format (the time buckets in the file corresponds to the settings for the VMI 'Inventory Projection' screen):

	A	B	C	D	E	F	G	H	I	J	K
1	Customer Material Number	Customer Site	Supplier Organisation	Key figure	Initial	2013.06.17	2013.06.18	2013.06.19	2013.06.20	2013.06.21	2013.06.22
2	CMN-002_V3	1110	TRGAI RF002SO	Inventory Start	350	350	350	350	310	310	310
3	CMN-002_V3	1110	TRGAI RF002SO	In-Transit Quantities							
4	CMN-002_V3	1110	TRGAI RF002SO	Planned Receipts							
5	CMN-002_V3	1110	TRGAI RF002SO	Demand				40			
6	CMN-002_V3	1110	TRGAI RF002SO	Unconsumed Demand				40			
7	CMN-002_V3	1110	TRGAI RF002SO	Projected Stock	350	350	350	310	310	310	310
8	CMN-002_V3	1110	TRGAI RF002SO	Min	300	300	300	300	300	300	300
9	CMN-002_V3	1110	TRGAI RF002SO	Max	700	700	700	700	700	700	700
10	CMN-002_V3	1110	TRGAI RF002SO	Min Delivery Proposal							
11	CMN-002_V3	1110	TRGAI RF002SO	Max Delivery Proposal	350	350	350	390	390	390	390
12	CMN-002_V3	1110	TRGAI RF002SO	Average Demand		9.5	9.5	9.5	11.5	11.5	11.5
13	CMN-002_V1	1110	TRGAI RF002SO	Inventory Start	6.300	6.300	6.300	6.300	6.000	6.000	6.000

You can download the inventory history, and you will be asked to define the period of time for which inventory data have to be retrieved (by default, AirSupply displays inventory history information for the last two weeks).

Download Inventory History ✕

Change timestamp from: 📅

to: 📅

	Q	R	S	T	U	V	W	X	Y	Z	AA
1	Supplier/PlannerCode	Change Timestamp	MessageTimestamp	SourceofChange	Stock	CustomerUnrestricted	CustomerQuality	CustomerBlocked	ConsignmentUnrestricted	ConsignmentQuality	ConsignmentBlocked
2		20130615103138	20130615103138	MATERIAL_CREATE_M2M	0	0	0	0	0	0	0
3		20130615110319	20130615095013	STOCK_STOCKLEVEL	290	10	0	0	390	50	1
4		20130615111341	20130615095011	STOCK_STOCKLEVEL	350	0	0	0	390	90	1
5		20130615103136	20130615103136	MATERIAL_CREATE_M2M	0	0	0	0	0	0	0
6		20130615112605	20130615095013	STOCK_STOCKLEVEL	6300	0	0	0	6300	100	1
7		20130615111222	20130615095016	STOCK_STOCKLEVEL	6000	100	0	0	6000	500	1

You can download demand details for the current/last published demands:

	DY	DZ	EA	EB	EC	ED	EE	EF	EG	EI	EJ
1	Invoicing Contact Phone 1	Invoicing Contact Phone 2	Invoicing Contact Fax	Invoicing Contact Mail	Quantity	RequestedDate	ProgramMSH	VersionNumber	StandardNumber	Option	ContractReference
2					10	2013-06-19 00:00:00	FA000412	1	988	1	K-2344-11
3					20	2013-06-23 00:00:00	FA000413	1	988	1	K-2344-11
4					30	2013-06-27 00:00:00	FA000414	1	988	1	K-2344-11
5					40	2013-07-01 00:00:00	FA000415	1	988	1	K-2344-11
6					50	2013-07-05 00:00:00	FA000416	1	988	1	K-2344-11
7					60	2013-07-09 00:00:00	FA000417	1	988	1	K-2344-11

You can download the demand history, and you will be asked to define the period of time for which demand data have to be retrieved and for which messages of the customer have been published (by default, AirSupply displays information for the last two weeks).

	J	K	L	M	N	O	P	Q	R	S	T
1	CustomerMaterialDescription	SupplierMaterialNumber	SupplierMaterialDescription	MessageTimestamp	DocumentNo	2013-06-18	2013-06-19	2013-06-20	2013-06-21	2013-06-22	2013-06-23
2	Handle Fixture long	SMN-002_V3	Handle 4557	20130616000000	1412827		40				30
3	Handle Fixture long	SMN-002_V3	Handle 4557	20130617000000	1422178		40				30

3.11.1.1 Download previous VMI demand

All users (customer/supplier) with VMI access rights can download VMI published demand up to one year in the past depending on the customer set up.

The download can be performed only from the 'VMI Summary' screen.

From the 'VMI Summary' screen, select the lines corresponding to materials (up to 5000 maximum) and click the button 'Download Prev. Demand'. It will open a dialog box with publishing period prefiltered to transfer data on the last six months, as shown below.

The default publishing date can be overwritten by entering the date or selecting a date via the calendar box.

Once you click 'Download', the download starts and the system transfers the VMI data to a .ZIP format file. This zip file contains the .CSV format file including all VMI demand details based on your selection. Depending on the browser configuration, you will be asked to open the zip file or save it to your local computer.

Hereunder is an example of .CSV file after using this previous VMI demand download function:

```
"CustomerGroupName";"CustomerOrgName";"CustomerOrgCode";"CustomerPlantName";"SupplierGroupName";"SupplierOrgName";"Supplier
"trg-TRAINING@ CUSTOMER";"trg-TRAINING@ CUSTOMER UK";"TRGCUSTUK";"CUS1";"trg-TRAINING@ SupAirfoil SO";"TRGAIRFO13SO";"trg-a
"trg-TRAINING@ CUSTOMER";"trg-TRAINING@ CUSTOMER UK";"TRGCUSTUK";"CUS1";"trg-TRAINING@ SupAirfoil SO";"TRGAIRFO13SO";"trg-a
"trg-TRAINING@ CUSTOMER";"trg-TRAINING@ CUSTOMER UK";"TRGCUSTUK";"CUS1";"trg-TRAINING@ SupAirfoil SO";"TRGAIRFO13SO";"trg-a
"trg-TRAINING@ CUSTOMER";"trg-TRAINING@ CUSTOMER UK";"TRGCUSTUK";"CUS1";"trg-TRAINING@ SupAirfoil SO";"TRGAIRFO13SO";"trg-a
"trg-TRAINING@ CUSTOMER";"trg-TRAINING@ CUSTOMER UK";"TRGCUSTUK";"CUS1";"trg-TRAINING@ SupAirfoil SO";"TRGAIRFO13SO";"trg-a
```

3.11.2 Upload VMI data

The upload functionality is available only to supplier users.

You can upload VMI Planned Receipts data into AirSupply by using the 'Upload' button.

The simplest way is to download Planned Receipts data in a CSV file, then make some changes in the document by updating fields on the Planned Receipts column and then upload it in AirSupply.

Uploading a Planned Receipt message overwrites the old Planned Receipts with the new Planned Receipts (buckets which are not in the upload file are updated as '0' values). For weekly buckets the first day is a Monday and for monthly buckets, the first date is the first day of the month.

- After downloading the file 'Planned Receipt full' (CSV format), be sure to update only the appropriate column (i.e. Planned Receipts) as you cannot update the other columns of the downloaded file.

	AE	AF	AG	AH	AI	AJ	AK	AL	AM	
1	GrossDemand	UnconsumedDemand	PlanedReceipts	InTransQuant	ProjStock	MinStock	MaxStock	MinProposal	MaxProposal	T
2	GrossDemand	UnconsumedDemand	PlanReceipts	InTransQuant	ProjStock	MinStock	MaxStock	MinProposal	MaxProposal	T
3	40	40	0	0	310	300	700	0	390	0
4	30	30	0	0	280	300	700	20	420	0
5	60	60	0	0	220	300	700	80	480	0
6	30	30	0	0	190	300	700	110	510	0
7	30	30	0	0	160	300	700	140	540	0

Note: The first line has to be the header line. Be sure that the header data is not changed or that you don't change the order of the columns. If not, you will get an error message from the system at upload time.

- Save the updated file in .CSV format type.
- Click the dropdown menu 'Upload' and choose one of the upload options.

Advanced Search: Add Item | Details Item

My search profiles: Manage

VMI Summary

SupplyOn Def. View Manage

Item	Cust. Group	Cust. Org.	ERP Plant	Supplier Planner Co.	Supp. Mat. No.	Supplier Material Description	Status	Stock	VMI Unit	Qty. In	Min.	Max.	Signal	Stock
<input type="checkbox"/>	hg-TRAINING@	TRGCUST	1110		SMN-013_V1	Support Ramp Bracket 51		8 300	PCE	4 800	1 500	5 000	0	QTY
<input type="checkbox"/>	hg-TRAINING@	TRGCUST	1110		SMN-013_V2	Lever 44567		810	PCE	210	600	1 300	0	QTY
<input type="checkbox"/>	hg-TRAINING@	TRGCUST	1110		SMN-013_V3	Handle 4557		350	PCE	50	300	700	0	QTY

Back: Send E-Mail | Dispatch Advice | History | Inventory Projection | Stock Information | Demand Details | Material Master Data | Download | **Upload** | Download Prev. Demand

3 entries: Select all Matches on Page | Select all Matches | Clear Selection

Entries per page: 10 | Page: 1 of 1 | Last

Upload ▾ Download Prev. Demand

Planned Receipts (CSV)

There is only one upload option:

'Planned Receipts (CSV)'	Upload of planned receipts will be done based on a Comma Separated Values (.CSV) file format.
--------------------------	---

- Search for the file on your desktop and click 'Upload' to start uploading the VMI data.

Advanced Search: Add Item | Details Item

My search profiles: Manage

VMI Summary

SupplyOn Def. View Manage

Item	Cust. Group	Cust. Org.	ERP Plant	Supplier Planner Co.	Supp. Mat. No.	Supplier Material Description	Status	Stock	VMI Unit	Qty. In	Min.	Max.	Signal	Stock
<input type="checkbox"/>	hg-TRAINING@	TRGCUST	1110		SMN-013_V1	Support Ramp Bracket 51		8 300	PCE	4 800	1 500	5 000	0	QTY
<input type="checkbox"/>	hg-TRAINING@	TRGCUST	1110		SMN-013_V2	Lever 44567		810	PCE	210	600	1 300	0	QTY
<input type="checkbox"/>	hg-TRAINING@	TRGCUST	1110		SMN-013_V3	Handle 4557		350	PCE	50	300	700	0	QTY

Back: Send E-Mail | Dispatch Advice | History | Working Projection | Stock Information | Demand Details | Material Master Data | Download | Upload | Download Prev. Demand

3 entries: Select all Matches on Page | Select all Matches | Clear Selection

Entries per page: 10 | Page: 1 of 1 | Last

Upload Planned Receipts

Select csv-file for upload: C:\Users\pma154\Desktop Browse...

Upload Cancel

Upload Planned Receipts

Select csv-file for upload: C:\Users\pma154\Desktop Browse...

Upload Cancel

Once the upload is performed by the system, the following message is displayed.

i The new planned receipts are uploaded successfully.

You can then check the result of the upload on the VMI 'Inventory Projection' screen:



Note: Refer to the help online for more information on Download / Upload functionality.

4 Conclusion

AirSupply offers different displays and functionalities to make your work easier.

As a supplier you can manage the goods replenishment by using the relevant VMI data.

You can create Planned Receipts and use them to create Despatch Advice.

The VMI configuration depends on your company. You can apply your VMI configuration in AirSupply. Do not hesitate to contact your administrator if you have any questions regarding the VMI configuration.

The following module is 'Supplier to Supplier Shipment (3S)' [RD10].

5 Appendix

5.1 Description tables

5.1.1 'VMI Summary' table

GUI Name	Description	Displayed by default (customer)	Displayed by default (supplier)
Averaging period	Averaging period.		
Comment	Customer comment for master date change.		
Consig. Block	Consignment Blocked Stock.		
Consig. Qual	Consignment Quality Stock.		
Consig. Unres.	Consignment Unrestricted Stock.		
Cust. Block	Customer Blocked Stock.		
Cust. Group	Customer highest organisational level.		x
Cust. Mat. Desc.	Customer Material Description .	x	x
Cust. Mat. No.	Customer Material Number.	x	x
Cust. Org.	Customer Organisation Short Name.	x	x
Cust. Qual	Customer Quality Stock.		
Cust. Site	Customer lowest organisational level (sub-unit od 'Customer organisation').		
Cust. Unres.	Customer Unrestricted Stock.		
Customer Organization	Organisational sub-unit of 'Customer Group'.		
Dif. to Min	Difference to minimum.	x	x
DoS	Days of Supply.		
DoS (With In-Transit)	Days of Supply (With In-Transit).	x	x
ERP Plant	ERP Plant Code.	x	x
FlexibleField1 Customer	Field not used yet by customers to publish data.		
FlexibleField1 Supplier	Flexible Field that can be used by the supplier at material Master Data level.		
FlexibleField2 Customer	Field not used yet by customers to publish data.		
FlexibleField2 Supplier	Flexible Field that can be used by the supplier at material Master Data level.		
In-Transit	In-Transit.		
In-Transit today	In-Transit today.		
Max.	Maximal Stock Quantity.	x	x
Min.	Minimum Stock Quantity.	x	x
Minimum Delivery Quantity	Minimum Delivery Quantity.		
Ord. Off. Code	Ordering Officer Code.	x	x
Ord. Off. Name	Ordering Officer Name.		x
Ord. Off. Phone	Ordering Office Phone.		x
Reorder Point Factor	Reorder Point Factor.		
Reorder Quantity Factor	Reorder Quantity Factor.		
Rounding Delivery Quantity	Rounding Delivery Quantity.		

Signal	Signal Stock Quantity.		x
Status	Red=Stock out, Yellow= Under Min, Green=Between min and Max, Blue=Above Max.	x	x
Stock	Sum of available stock.	x	x
Stock Type	Material managed using Days of Supply.	x	x
Supp. Mat. No.	Supplier Material Number.	x	x
Supp. No.	Harmonised ERP supplier number.		
Supp.Loc.No.	Local ERP supplier number.	x	
Supplier Group Name	Supplier highest organisational level.		
Supplier Material Description	Supplier Material Description.	x	x
Supplier Planner Code	Supplier Planner Code.		x
Supplier Site	Supplier lowest organisational level (sub-unit of 'Supplier Organisation').		
Supplier Site_City	Concatenation of supplier site and city.	x	
Supplier. Org.	Organisational sub-unit of 'Supplier Group'.		
Transportation Time	Transportation Time.		
VMI UoM	Unit Of Measure used in VMI process.	x	x

5.1.2 'Customer Site Settings' table

GUI Name	Description	Displayed by default (customer)	Displayed by default (supplier)
Cust. Site	Customer lowest organisational level (sub-unit of 'Customer organisation'.	x	
ERP Plant	ERP Plant Code.	x	
Cust. Org.	Customer Organisation Short Name.	x	
Material Grouping Level	Material Grouping Level.	x	
Minimum Stock	Minimum Stock.	x	
Signal Stock Quantity	Signal Stock Quantity.	x	
Maximum Stock	Maximum Stock.	x	
Stock Type	Stock Type.	x	
Rounding Delivery Quantity	Rounding Delivery Quantity.	x	
Minimum Delivery Quantity	Minimum Delivery Quantity.	x	
Averaging Period	Averaging Period.	x	
Transportation Time	Transportation Time.	x	
DoS Calculation Algorithm	DoS Calculation Algorithm.	x	
Day(s)	Days.	x	
Week(s)	Weeks.	x	
Month(s)	Months.	x	
Offset	Offset.	x	
Pl. Rec. editable	Pl. Rec. editable.	x	
Pl. Rec. deleted	Pl. Rec. deleted.	x	
Upd. Warning (h)	Upd. Warning (h).	x	

5.1.3 'Stock Information' table

GUI Name	Description	Displayed by default (customer)	Displayed by default (supplier)
Batch Information Supplier	Batch Information Supplier		
Batch Number Customer	Batch Number Customer	x	x
Batch Number Supplier	Batch Number Supplier		
Consig. Block	Consignment Blocked Stock		
Consig. Qual	Consignment Quality Stock		
Consig. Unres.	Consignment Unrestricted Stock		
Creation Date	Creation Date	x	x
Cust. Block	Customer Blocked Stock		
Cust. Group	Customer highest organisational level		x
Cust. Mat. Desc.	Customer Material Description	x	x
Cust. Mat. No.	Customer Material Number	x	x
Cust. Org.	Customer Organisation Short Name	x	x
Cust. Qual.	Customer Quality Stock		
Cust. Site	Customer lowest organisational level (sub-unit of 'Customer organisation')		
Cust. Unres.	Customer Unrestricted Stock		
Customer Organization	Organisational sub-unit of 'Customer Group'		
Data Type	Data Type	x	x
Delivery Note text	Delivery Note text	x	x
Delivery Site	Delivery Site	x	x
Document Number	Document Number		
ERP Plant	ERP Plant Code	x	x
Expiry Date	Expiry Date	x	x
Extracted By	Id that extracted the data from MRP		
Extracted Date&Time	Date and time of extract of data from MRP		
Flexible Field 10	Field not used yet by customers to publish data		
Flexible Field 2	Field not used yet by customers to publish data		
Flexible Field 3	Field not used yet by customers to publish data		
Flexible Field 4	Field not used yet by customers to publish data		
Flexible Field 5	Field not used yet by customers to publish data		
Flexible Field 6	Field not used yet by customers to publish data		
Flexible Field 7	Field not used yet by customers to publish data		
Flexible Field 8	Field not used yet by customers to publish data		
Flexible Field 9	Field not used yet by customers to publish data		
Invoice Number	Invoice Number	x	x
Invoice Position	Invoice Position	x	x

Material Document Cancel Number	Customer's reference: Movement Cancellation Document Number	x	
Material Document Number	Customer's reference, which can be linked to SBI	x	x
Movement Code	Movement Code	x	x
Movement Code Desc.	Movement Code Description (CONSUMPTION, RECEIVED, RETURNED, CANCELLED)	x	x
Movement Quantity	Movement Quantity	x	x
Movement Type	Movement type (+ or -)	x	x
Ord. Off. Code	Ordering Officer Code		
Ord. Off. Name	Ordering Officer Name		
Ord. Off. Phone	Ordering Office Phone		
PO SL	PO Schedule Line	x	x
PO/VMI Reference	PO/VMI Reference	x	x
PO/VMI Reference Line	PO Item Number	x	x
Process	Process		
Program / MSN	Project/Program Name and Manufacturer Serial Number	x	x
Sent Date&Time	Sent Date		
Serial Number	Manufacturer Serial Number	x	x
Stock Type	Stock Type (FREE, BLOCKED, QUALITY)	x	x
Supp. Mat. No.	Supplier Material Number	x	x
Supp. No.	Harmonised ERP supplier number		
Supp.Loc.No.	Local ERP supplier number	x	x
Supplier Group Name	Supplier highest organisational level		
Supplier Material Description	Supplier Material Description	x	x
Supplier Planner Code	Supplier Planner Code		
Supplier Site	Supplier lowest organisational level (sub-unit of 'Supplier Organisation')		
Supplier Site_City	Concatenation of supplier site and city	x	
Supplier. Org.	Organisational sub-unit of 'Supplier Group'		
Unit Of Measure	Material unit of measure	x	x

5.1.4 'Desp. Adv. Overview' table

GUI Name	Description	Displayed by default (customer)	Displayed by default (supplier)
Claimed UE	Claimed UE (3S process)	x	x
Creation Date	Despatch Advice creation date in AirSupply		
Cust. Group	Customer highest organisational level		x
Cust. Org.	Customer Organisation Short Name	x	x
Cust. Site	Customer lowest organisational level (sub-unit of "Customer organisation")		
Customer Organization	Organisational sub-unit of "Customer Group"		
DA Type	DA type	x	x
DA creation mode	DA creation mode		
Departure date	Shipment departure date	x	x
Desp. Adv. ID	Supplier despatch advice number or delivery note reference	x	x
Despatch advice ERROR status	The error state is set to error if errors are detected during the validation process, otherwise empty	x	x
Despatch advice status	Despatch advice status	x	x
ERP Plant	ERP Plant Code	x	x
Estimated time of arrival	Estimated delivery date of shipment. Estimated arrival date of shipment (ETA)	x	x
Final Delivery Location	Internal delivery location declared in the purchase order / VMI demand	x	x
Flexible Field 1	Field not used yet by customers to publish data		
Flexible Field 10	Field not used yet by customers to publish data		
Flexible Field 2	Field not used yet by customers to publish data		
Flexible Field 3	Field not used yet by customers to publish data		
Flexible Field 4	Field not used yet by customers to publish data		
Flexible Field 5	Field not used yet by customers to publish data		
Flexible Field 6	Field not used yet by customers to publish data		
Flexible Field 7	Field not used yet by customers to publish data		
Flexible Field 8	Field not used yet by customers to publish data		
Flexible Field 9	Field not used yet by customers to publish data		
Forwarder Name 1	Name of the forwarder of the shipment.		
Ship-from Name 1	Name of the company that sends the shipment.	x	
Ship-to Name 1	Name of the company to which the shipment must be sent		x
Supp. No.	Harmonised ERP supplier number		
Supp. Loc. No.	Local ERP supplier number	x	
Supplier Group Name	Supplier highest organisational level		
Supplier Site	Supplier lowest organisational level (sub-unit of "Supplier Organisation")		

Supplier Site_City	Concatenation of supplier site and city	x	
Supplier. Org.	Organisational sub-unit of "Supplier Group"		
Transport Doc.	Number of the transport document		
Transport mode	Transport mode used to deliver the shipment		

5.1.5 'MD Alerts' table

GUI Name	Description	Displayed by default (customer)	Displayed by default (supplier)
Alert Creation Date	Date and time alert was created.	x	x
Alert ID	Alert ID generated by system.		
Cust. Group	Customer highest organisational level .		x
Cust. Mat. Desc.	Customer Material Description.	x	x
Cust. Mat. No.	Customer Material Number.	x	x
Cust. Org.	Customer Organisation Short Name.	x	x
Cust. Site	Customer lowest organisational level (sub-unit od "Customer organisation").		
Customer Organization	Organisational sub-unit of "Customer Group".		
ERP Plant	ERP Plant Code.	x	x
Ign.C.	Ignored By Customer.	x	x
Ign.S.	Ignored By Supplier.	x	x
Inactive since	Date when alert situation was resolved.		
MD alert type	Type.	x	x
New/Read Customer	Customer Status New/Read.	x	
New/Read Supplier	Supplier Status New/Read.		x
Ord.Off. Code	Ordering Officer Code.	x	
Ord. Off. Name	Ordering Officer Name.		x
Ord. Off. Phone	Ordering Office Phone.		x
Priority	Priority of alert.	x	x
Supp. Mat. No.	Supplier Material Number.	x	x
Supp. No.	Harmonised ERP supplier number.		
Supp.Loc.No.	Local ERP supplier number.	x	
Supplier Group Name	Supplier highest organisational level.		
Supplier Material Description	Supplier Material Description.	x	x
Supplier Planner Code	Supplier Planner Code.		x
Supplier Site	Supplier lowest organisational level (sub-unit of "Supplier Organisation").		
Supplier Site_City	Concatenation of supplier site and city.	x	
Supplier. Org.	Organisational sub-unit of "Supplier Group".		

5.1.6 'VMI Alerts' table

GUI Name	Description	Displayed by default (customer)	Displayed by default (supplier)
Alert Creation Date	Date and time alert was created	x	x
Alert ID	Alert ID generated by system		
Alert Text	Alert Text		
Cust. Group	Customer highest organisational level		x
Cust. Mat. Desc.	Customer Material Description	x	x
Cust. Mat. No.	Customer Material Number	x	x
Cust. Org.	Customer Organisation Short Name	x	x
Cust. Site	Customer lowest organisational level (sub-unit of "Customer organisation")		
Customer Organization	Organisational sub-unit of "Customer Group"		
ERP Plant	ERP Plant Code	x	x
Ign.C.	Ignored By Customer	x	x
Ign.S.	Ignored By Supplier	x	x
Inactive since	Date when alert situation was resolved	x	x
Inventory (proj.)	Projected inventory at occurrence date	x	x
New/Read Customer	Customer Status New/Read	x	
New/Read Supplier	Supplier Status New/Read		x
Occurrence	Date when the alert is occurring for the first time	x	x
Ord. Off. Code	Ordering Officer Code	x	
Ord. Off. Name	Ordering Officer Name		x
Ord. Off. Phone	Ordering Office Phone		x
Priority	Priority of alert	x	x
Supp. Mat.No.	Supplier Material Number	x	x
Supp. No.	Harmonised ERP supplier number		
Supp.Loc.No.	Local ERP supplier number	x	
Supplier Group Name	Supplier highest organisational level		
Supplier Material Description	Supplier Material Description	x	x
Supplier Planner Code	Supplier Planner Code		x
Supplier Site	Supplier lowest organisational level (sub-unit of "Supplier Organisation")		
Supplier Site_City	Concatenation of supplier site and city	x	
Supplier. Org.	Organisational sub-unit of "Supplier Group"		
VMI alert type	Alert type	x	x

5.1.7 'Inventory History' table

GUI Name	Description	Displayed by default (customer)	Displayed by default (supplier)
Change Date (GMT+00:00)	Change Date	x	x
Comment	Customer comment for master date change		
Consig. Block	Consignment Blocked Stock	x	x
Consig. Qual	Consignment Quality Stock	x	x
Consig. Unres.	Consignment Unrestricted Stock	x	x
Cust. Block	Customer Blocked Stock	x	x
Cust. Group	Customer highest organisational level		
Cust. Mat. Desc.	Customer Material Description		
Cust. Mat. No.	Customer Material Number		
Cust. Org.	Customer Organisation Short Name		
Cust. Qual	Customer Quality Stock	x	x
Cust. Site	Customer lowest organisational level (sub-unit of "Customer organisation")		
Cust. Unres.	Customer Unrestricted Stock	x	x
Customer Organization	Organisational sub-unit of "Customer Group"		
Demand through today	Demand through today	x	x
ERP Plant	ERP Plant Code		
Goods Receipt	Goods Receipt		
In-Transit Quantity	In-Transit Quantity	x	x
In-Transit overd.	In-Transit overd	x	x
In-Transit today	In-Transit today	x	x
Max.	Maximum stock quantity today	x	x
Max. calc. Stock	Maximum calculated stock quantity today	x	x
Message Timestamp	Timestamp when customer generated the message		
Min.	Minimum stock quantity today	x	x
Min. calc. Stock	Minimum calculated stock quantity today	x	x
Ord.Off. Code	Ordering Officer Code		
Ord. Off. Name	Ordering Officer Name		
Ord. Off. Phone	Ordering Office Phone		
Process Key	Process Key	x	x
Shipment Qty	Quantity to restock to maximum, considering In-Transit and quantity constraints	x	x
Signal	Signal Stock Quantity	x	x
Source of Change	Source of Change	x	x
Status	Red= Stock Out, Yellow = Under Min, Green = Between Min and Max, Blue = Above Max	x	x
Stock	Sum of Available Stock	x	x
Stock Type	Part planned using days of supply	x	x
Supp. Mat. No.	Supplier Material Number		
Supp. No.	Harmonised ERP supplier number		
Supp.Loc.No.	Local ERP supplier number		
Supplier Group Name	Supplier highest organisational level		

Supplier Material Description	Supplier Material Description		
Supplier Planner Code	Supplier Planner Code		
Supplier Site	Supplier lowest organisational level (sub-unit of "Supplier Organisation")		
Supplier Site_City	Concatenation of supplier site and city		
Supplier. Org.	Organisational sub-unit of "Supplier Group"		
Unconsumed Demand through today	Unconsumed Demand through today	x	x
User ID	User ID responsible for the change		
User's Name	User responsible for the change	x	x

5.1.8 'Despatch Advice Details' table

GUI Name	Description	Displayed by default (customer)	Displayed by default (supplier)
Batch Number	Batch Number	x	x
Certificate type	Type of certificate required by the customer (Authorized Release Certificate or Declaration of Conformity)	x	x
Concession number	Concession reference	x	x
Cust. Mat. Desc.	Customer Material Description	x	x
Cust. Mat. No.	Customer Material Number	x	x
Customs*	Please indicate if the product must be declared or not to the customs. This is mandatory if field is marked yellow	x	x
DA Rem. Qty.	Requested quantity not yet received nor declared in a Despatch Advice	x	x
Expiry Date	Expiry date of shipped product. This is mandatory if the field is marked yellow	x	x
Fitting Customer Material	Fitting Customer Material	x	x
Flexible Field 10	Field not used yet by customers to publish data		
Flexible Field 2	Field not used yet by customers to publish data		
Flexible Field 3	Field not used yet by customers to publish data		
Flexible Field 4	Field not used yet by customers to publish data		
Flexible Field 5	Field not used yet by customers to publish data		
Flexible Field 6	Field not used yet by customers to publish data		
Flexible Field 7	Field not used yet by customers to publish data		
Flexible Field 8	Field not used yet by customers to publish data		
Flexible Field 9	Field not used yet by customers to publish data		
Label text	Label free text can be used for "urgent", "incomplete" or "urgent/incomplete" mentions. Only for Kanbans and Work Packages (WP)	x	x
Manufacture date	Date at which the product was manufactured. This is mandatory if field is marked yellow	x	x
Manufacturer	ID of product manufacturer. This is mandatory if the field is marked yellow	x	x
Manufacturer Certificate Number	Reference of the certificate declared by the manufacturer	x	x
Manufacturing Country	Two digit country code (according to the iso3166 norm codes) in which the product has been manufactured; This is mandatory if field is marked yellow	x	x
Number	Continuous number	x	x
PO / VMI reference	Number of the purchase order or VMI reference	x	x
PO Line	PO Line	x	x
PO SL	PO Schedule Line	x	x
Serial Number	Product serial number. This is mandatory field if the word "Show S/N" is marked with an asterisk (*)	x	x
Shipped quantity*	Number of items in the Elementary Unit (UE)	x	x
Split UE	Number of elementary units (UE) that must result from the split	x	x
Supp. Mat. No.	Supplier Material Number	x	x
Supplier Material	Supplier Material Description		

Description			
Supplier Planner Code	Supplier Planner Code		
Supplier certificate number	Reference of the certificate declared by the supplier	x	x
UE Status	Possible States: DRAFT, SENT, CANCELLED, RECEIVED	x	x
UE number	Reference of the elementary unit	x	x
UoM	Item unit of measure	x	x
Weight of UE [KG]	Weight of Elementary Unit (UE)	x	x

5.1.9 'Material Master Data History' table

GUI Name	Description	Displayed by default (customer)	Displayed by default (supplier)
Action	Action done.	x	x
Change-ID	Id of the change.	x	x
Field	Impacted field.	x	x
New value	Value of the field after the change.	x	x
Old Value	Value of the field before the change.	x	x
Source	Sources.	x	x
Timestamp	Date and time of modification.	x	x
User ID	User Id of the person who made the change.	x	x
User's name	Name of the user who made the change.	x	x

5.2 Related Change Requests from Release Notes

In this chapter, you will find the Release Notes for this module which have an impact on this training guide.

5.2.1 Release Notes 2015 – Wave 1 (Go-Live: April 19, 2015)

5.2.1.1 Planned receipts information in VMI summary screen

- **As-Is:**

The supplier can create planned receipts in AirSupply to simulate the impact on future delivery on the Projected Stock as well as to define the planned deliveries. With this the customer is simultaneously informed about the next deliveries.

The planned receipt information is only available on VMI Inventory Projection Screen for a selected material number.

- **To-Be (Impacted chapter in this guide: 3.4.2.):**

Two new columns can be added by the user to the table in VMI Summary Screen. With this the user can get an overview about the next planned receipts for all materials of his scope. Following columns can be displayed:

- **“Planned Receipts”:** The quantity
- **“Pl. Receipts Date”:** The date of the next planned Receipt for the referenced material-customer-seller-relation (line in the VMI Summary table)

Only the quantity and the related date of the closest planned receipt in relation to the current date for the user will be displayed. If there is no planned receipt in the whole horizon, the quantity 0 is displayed and the value for the date is empty.

See the following detail from the VMI summary screen where the new columns are used in a user defined view:

Supplier Planned Code	Supp. Mat. No.	Supplier Material Description	Status	Stock	Planned Receipts	Pl. Receipts Date	VMI Unit	CR	In Mts	Min	Max	Signal	Stock Type	Dist./Mts In-T	Ord. OR
TST-REGS_MAT_S_7	TST-REGS_MAT_S_7	TST-REGS_MAT_DESC_S_7	green	350	0		PCE	200	150	1.200	0	QTY	unlimited	FR_OOC	
TST-REGS_MAT_S_4	TST-REGS_MAT_S_4	TST-REGS_MAT_DESC_S_4	green	350	0	01.02.2015	PCE	200	150	1.200	0	QTY	unlimited	FR_OOC	
TST-REGS_MAT_S_1	TST-REGS_MAT_S_1	TST-REGS_MAT_DESC_S_1	green	350	1.000	16.03.2015	PCE	200	150	1.200	0	QTY	unlimited	FR_OOC	
TST-REGS_MAT_S_2	TST-REGS_MAT_S_2	TST-REGS_MAT_DESC_S_2	green	350	0		PCE	200	150	1.200	0	QTY	unlimited	FR_OOC	
TST-REGS_MAT_S_3	TST-REGS_MAT_S_3	TST-REGS_MAT_DESC_S_3	green	350	0		PCE	200	150	1.200	0	QTY	unlimited	FR_OOC	
TST-REGS_MAT_S_10	TST-REGS_MAT_S_10	TST-REGS_MAT_DESC_S_10	green	350	0		PCE	200	150	1.200	0	QTY	unlimited	FR_OOC	
VMI_REGR_S001		SupplierMat for VMI Regr 001	green	300	0		PCE	100	100	1.000	0	QTY	0	SE_A034	
VMI_REGR_S003		SupplierMat for VMI Regr 003	green	300	0		PCE	100	100	1.000	0	QTY	unlimited	GC_A031	
VMI_REGR_S021		SupplierMat for VMI Regr 021	green	0	0		PCE	100	100	1.000	0	QTY	unlimited	GC_A031	
VMI_REGR_S004		SupplierMat for VMI Regr 004	green	0	0		PCE	100	100	1.000	0	QTY	unlimited	GC_A031	

The column “Pl. Receipts Date” will be part of the advanced search options with the standard selection possibilities for a date fields. Additionally the standard column functions for date fields regarding sorting and filtering will be available.

For the column “Planned Receipts” the same functions are available as for the existing column “Stock”.

5.3 Referenced documents

[RD2]: 02_Master_Data_training_guide.

[RD3]: 03_Dashboard_training_guide.

[RD6]: 06_Shipment_training_guide.

[RD7]: 07_Receiving_training_guide.

[RD8]: 08_Self_Billing_training_guide.