

For Smart Factory



Operating |
User |

MANUAL



MES^{3D}

ERP + MES + SCADA

Auto & S.I

User Manual

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MASTER PLAN



Explain

II. Sales Plan

Purpose:

_ View list of sales plans by customer

Step by step:

1. Search function
2. Customer list information
3. Excel file download function
4. Click "Create" to create a sales plan. See the next slide.

	Description	Created on
<input type="checkbox"/>	OLVIA	13/03/2024 09:32:42
<input type="checkbox"/>	KHC test	11/03/2024 14:27:15
<input type="checkbox"/>	AAMIR	11/03/2024 08:12:12
<input type="checkbox"/>	ADAMS	28/02/2024 07:59:50

MASTER PLAN



Explain

II. Sales Plan

Purpose:

_ Create a sales plan by customer

Step by step:

1. Fill in the information:
 - Customer
 - Description
2. Then click "Save"

Sales Plan / New

2

Customer

Created on

Description

1

Sales Plan

MASTER PLAN



Explain

II. Sales Plan

Purpose:

_ View detailed information about the list of sales orders for customers

Sales Plan / ADAMS

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● Action KnowSystem

Customer: ADAMS
Created on: 28/02/2024 07:59:50
Description:

Sales Plan / ADAMS / ADAMS

Search...

6 Create 5

1 Sales Plan

2

3

4

	Product	Description	Quantity	Unit Price	Taxes	Total/Subtotal	Payment term	Status	Order Date	Shipment Date	Delivery Date
S00090 (3)			20.00	2.00		20.00					
<input type="checkbox"/>	S00090 T4C3-(20-3.5)-VN-45cm-18k-25.02g-w-12pcs-	T4C3-(20-3.5)-VN-45cm-18k-25.02g-w-12pcs-5.12ct	10.00	1.00	Value Added Tax (VAT) 10%	10.00		Sales Order	01/04/2024 08:12:59	22/03/2024 13:36:50	24/03/2024 13:36:50
<input type="checkbox"/>	S00090 HC-070(6.5)-18K-W-210gr-120	HC-070(6.5)-18K-W-210gr-120	10.00	1.00	Value Added Tax (VAT) 10%	10.00		Sales Order	01/04/2024 08:12:59	22/03/2024 13:36:50	24/03/2024 13:36:50
<input type="checkbox"/>	S00090	작성한 노트는 저장 안하고 다른 작업하면 사라짐.	0.00	0.00		0.00		Sales Order	01/04/2024 08:12:59	22/03/2024 13:36:50	24/03/2024 13:36:50
S00091 (2)			0.00	2.00		0.00					
S00091 (2)			0.00	2.00		0.00					
S00091 (2)			0.00	2.00		0.00					
S00091 (2)			20.00	2.00		20.00					
S00089 (1)			100.00	1.00		100.00					
S00088 (1)			50,000.00	1.00		50,000.00					
S00087 (1)			1.00	1.00		1.00					
S00086 (1)			1.00	1.00		1.00					
S00084 (1)			1.00	1.00		1.00					
S00082 (1)			1.00	1.00		1.00					

Step by step:

1. Click to see detailed information
2. Search function
3. List of display modes: List, Kanban, Pivot, Calendar, Gantt
4. Information on sales order list for customers.
5. Excel file download function
6. Function to create sales orders.

MASTER PLAN



Explain

III. Purchasing Plan

Purpose:

View purchase plan list information

The screenshot shows the ERP Purchasing Plan interface. At the top, there is a navigation bar with 'ERP', 'KPI', 'Master Plan', 'Sales', 'Purchase', 'Approvals', and 'KMS'. Below the navigation bar, the 'Purchasing Plan' section is visible. A search bar (1) and a 'Columns Settings' button (7) are located in the top right. A row of action buttons: 'Create' (4), 'Confirm Order' (6), 'Edit', and 'Delete' is on the left. The main area is a table with columns: PO#, Material, Description, Vendor, Order Qty, Received Qty, Booked Qty, SO#, Order Date, Expected Receipt Date, Delivery Date, Received Date, Total Price, and State. A 'Hidden Columns Setting' dialog box is open, showing a list of columns with checkboxes. The 'Material' checkbox is checked (8). The dialog has 'Close' and 'Save changes' buttons.

PO#	Material	Description	Vendor	Order Qty	Received Qty	Booked Qty	SO#	Order Date	Expected Receipt Date	Delivery Date	Received Date	Total Price	State
<input checked="" type="checkbox"/> P00044 (1)			JP	5	0	0		2024-04-01	2024-04-01			0	draft
	18K Tem (Y)		JP	5	0	0		2024-04-01	2024-04-01			0	
<input type="checkbox"/> P00043 (1)			Kor	100	0	0		2024-03-28	2024-03-28	2024-03-28		0	delivering
	AI (0,43 mm)-W		Kor	100	0	0		2024-03-28	2024-03-28	2024-03-28		0	
<input type="checkbox"/> P00041 (1)			CN	100	100	0		2024-03-22	2024-03-22		2024-03-22	1	received
	18K Tem (Y)		CN	100	100	0		2024-03-22	2024-03-22		2024-03-22	1	
<input type="checkbox"/> P00040 (1)			Kor	500	500	0		2024-03-13	2024-03-16	2024-03-16	2024-03-13	0	received
	AI (0,43 mm)-W		Kor	500	500	0		2024-03-13	2024-03-16	2024-03-16	2024-03-13	0	
<input type="checkbox"/> P00039 (1)			Kor	5	5	0							
	18K W Cutting Plate T4C3		Kor	5	5	0							
<input type="checkbox"/> P00038 (1)			Gem	2	0	0							
	Ring Wire - W - #12 - 0.93g - Gem - 18K		Gem	2	0	0							
<input type="checkbox"/> P00037 (1)			CN	2	2	0							
	T4C3 - P - 3.2 - g - JP - 18K		CN	2	2	0							
<input type="checkbox"/> P00036 (1)			Test Supplier	2	2	0							
			Test Supplier	2	2	0							

Step by step:

1. Search function
2. List of display modes: List, Kanban, Calendar, Pivot, Gantt
3. Purchase order list information
4. Purchase order creation function.
5. Tick to the purchase order in the list.
6. Click "Confirm Order" to confirm the purchase order, "Edit" to change information or "Delete" to delete the purchase order.
7. Click the "Columns Settings" button to set the display.
8. Tick the column in the list to hide the column. Then select "Save changes".

MASTER PLAN



Explain

IV. Manufacturing Plan

Purpose:

_ View manufacturing plan list information

Step by step:

1. Search function
2. List of display modes: List, Kanban, Calendar, Pivot, Gantt
3. Information on manufacturing plan list.
4. Excel file download function
5. Click "Create" to create a manufacturing plan. See the next slide.

Referenc	MMO #	Product	BOM	Order Qty	Target Qty	Actual Qty	Good	NG	Work Start Date	Work End Date	Created on	Status
S00025	PPLAN/00001	T4C3-(2.0-3.5)-17inch-18K-W-25.02gr-5.12	T4C3-(2.0-3.5)-17inch-18K-W-25.02gr-5.12	0.00	100.25	0.00	0.00	0.00	13/03/2024 16:35:26	13/03/2024 16:35:26	07/03/2024 08:37:36	
S00033	PPLAN/00002	MMO/00050 T4C3-(2.0-3.5)-VN-17inch-18k-25.02g-w-L	T4C3-(2.0-3.5)-VN-17inch-18k-25.02g-w-L	0.00	25.02	0.00	0.00	0.00	16/05/2024 16:35:26	20/06/2024 16:35:26	07/03/2024 10:00:50	Draft
S00033	PPLAN/0000...	MMO/00051 T4C3-(2.0-3.5)-VN-17inch-18k-25.02g-w-L	T4C3-(2.0-3.5)-VN-17inch-18k-25.02g-w-L	0.00	25.02	0.00	0.00	0.00	13/03/2024 16:35:26	13/03/2024 16:35:26	07/03/2024 16:56:54	Draft
S00035	PPLAN/0000...	MMO/00052 T4C3-(2.0-3.5)-VN-17inch-18k-25.02g-w-L	T4C3-(2.0-3.5)-VN-17inch-18k-25.02g-w-L	0.00	2.00	0.00	0.00	0.00	13/03/2024 16:35:26	13/03/2024 16:35:26	07/03/2024 17:54:41	In Progress
S00035	PPLAN/0000...	MMO/00053 T4C3-(2.0-3.5)-VN-17inch-18k-25.02g-w-L	T4C3-(2.0-3.5)-VN-17inch-18k-25.02g-w-L	0.00	2.00	1.00	1.00	0.00	13/03/2024 16:35:26	13/03/2024 16:35:26	07/03/2024 17:58:03	Done
S00042	PPLAN/00007	MMO/00069 T4C3-(2.0-3.5)-VN-17inch-18k-25.02g-w-L	T4C3-(2.0-3.5)-VN-17inch-18k-25.02g-w-L	0.00	1.00	0.00	0.00	0.00	13/03/2024 16:35:26	13/03/2024 16:35:26	08/03/2024 12:35:16	In Progress
S00040	PPLAN/00010	MMO/00074 T4C3-(2.0-3.5)-17inch-18K-W-25.02gr-5.12	T4C3-(2.0-3.5)-17inch-18K-W-25.02gr-5.12	0.00	10.00	10.00	10.00	0.00	13/03/2024 16:35:26	13/03/2024 16:35:26	08/03/2024 13:03:45	Done
S00047	PPLAN/00011	MMO/00076 HC-070(6.5)-18K-W-210gr-120	HC-070(6.5)-18K-W-210gr-120 - khc	0.00	10.00	0.00	0.00	0.00	13/03/2024 16:35:26	13/03/2024 16:35:26	08/03/2024 14:57:36	In Progress
S00047	PPLAN/00012	MMO/00077 T4C3-(2.0-3.5)-17inch-18K-W-25.02gr-5.12	T4C3-(2.0-3.5)-17inch-18K-W-25.02gr-5.12	0.00	10.00	10.00	10.00	0.00	13/03/2024 16:35:26	13/03/2024 16:35:26	08/03/2024 14:58:04	Done
S00043	PPLAN/00013	HC-070(6.5)-18K-W-210gr-120	HC-070(6.5)-18K-W-210gr-120 - khc	0.00	10.00	0.00	0.00	0.00	13/03/2024 16:35:26	13/03/2024 16:35:26	08/03/2024 14:58:35	
S00048	PPLAN/00014	MMO/00083 HC-070(6.5)-18K-W-210gr-120	HC-070(6.5)-18K-W-210gr-120 - 01	0.00	10.00	0.00	0.00	0.00	13/03/2024 16:35:26	13/03/2024 16:35:26	08/03/2024 17:22:48	In Progress
S00048	PPLAN/00015	MMO/00084 T4C3-(2.0-3.5)-17inch-18K-W-25.02gr-5.12	T4C3-(2.0-3.5)-17inch-18K-W-25.02gr-5.12	0.00	10.00	10.00	10.00	0.00	13/03/2024 16:35:26	13/03/2024 16:35:26	08/03/2024 17:23:37	Done
S00048	PPLAN/00016	MMO/00085 HC-070(6.5)-18K-W-210gr-120	HC-070(6.5)-18K-W-210gr-120 - 01	0.00	10.00	10.00	10.00	0.00	13/03/2024 16:35:26	13/03/2024 16:35:26	08/03/2024 17:46:39	Done
S00049	PPLAN/00017	MMO/00087 HC-070(6.5)-18K-W-210gr-120	HC-070(6.5)-18K-W-210gr-120 - 01	0.00	10.00	0.00	0.00	0.00	13/03/2024 16:35:26	13/03/2024 16:35:26	09/03/2024 07:41:51	Draft
S00051	PPLAN/00018	MMO/00106 HC-070(6.5)-18K-W-210gr-120	HC-070(6.5)-18K-W-210gr-120 - 01	0.00	10.00	10.00	10.00	0.00	13/03/2024 16:35:26	13/03/2024 16:35:26	11/03/2024 11:50:39	Done
S00051	PPLAN/00019	MMO/00107 T4C3-(2.0-3.5)-17inch-18K-W-25.02gr-5.12	T4C3-(2.0-3.5)-17inch-18K-W-25.02gr-5.12	0.00	10.00	10.00	10.00	0.00	13/03/2024 16:35:26	13/03/2024 16:35:26	11/03/2024 11:51:30	Done
S00052	PPLAN/00020	MMO/00109 HC-070(6.5)-18K-W-210gr-120	HC-070(6.5)-18K-W-210gr-120 - 01	0.00	10.00	10.00	10.00	0.00	13/03/2024 16:35:26	13/03/2024 16:35:26	11/03/2024 14:20:19	Done
S00052	PPLAN/00021	MMO/00110 T4C3-(2.0-3.5)-17inch-18K-W-25.02gr-5.12	T4C3-(2.0-3.5)-17inch-18K-W-25.02gr-5.12	0.00	10.00	10.00	10.00	0.00	13/03/2024 16:35:26	13/03/2024 16:35:26	11/03/2024 14:20:57	Done
S00054	PPLAN/00022	MMO/00116 T4C3-(2.0-3.5)-VN-17inch-18k-25.02g-w-L	T4C3-(2.0-3.5)-VN-17inch-18k-25.02g-w-L	0.00	2.00	2.00	2.00	0.00	13/03/2024 16:35:26	13/03/2024 16:35:26	12/03/2024 08:39:43	Done

MASTER PLAN



Explain

IV. Manufacturing Plan

Purpose:

_ View MO production process list information and process settings

Step by step:

1. After confirmation of application, the status of the plan will be “Confirmed”.
2. The “MO List” tab contains information about the MO process list. The “MO Setting” tab is used to set up the process.

Manufacturing Plan / MMO/00153 (Confirmed)

[Edit](#) [+ Create](#) [Action](#) [KnowSystem](#) 31 / 31 < >

Draft **Confirmed** In Progress Done

SO # S00090 Created on 01/04/2024 09:59:44
Customer ADAMS MMO # MMO/00153
Product T4C3-(2.0-3.5)-VN-45cm-18k-25.02g-w-12lpcs-5.12ct Work Start - End Date 01/04/2024 09:58:59 → 01/04/2024 09:58:59
BOM T4C3-(2.0-3.5)-VN-45cm-18k-25.02g-w-12lpcs-5.12ct - vl Target / Actual Qty 1100 / 0.00
Order Qty 1100 OK / NG Qty 0.00 / 0.00
Stock Qty 95.04 Current Process 0

MO List MO Setting

Reference	Level	Process	Product	BOM	Target Weight	Actual Weight	Actual Previous	Status
MO/00620	1	Hand Made	SEMI-T4C3-(2.0-3.5)-VN-45cm-18k-25.02g-w-12lpcs-5.12ct-HM	SEMI-T4C3-(2.0-3.5)-VN-45cm-18k-25.02g-w-12lpcs-5.12ct-HM	0.00	0.00	0.00	Draft
MO/00621	2	1st Polishing	SEMI-T4C3-(2.0-3.5)-VN-45cm-18k-25.02g-w-12lpcs-5.12ct-POL 1	SEMI-T4C3-(2.0-3.5)-VN-45cm-18k-25.02g-w-12lpcs-5.12ct-POL 1	0.00	0.00	0.00	Draft
MO/00622	3	1st Finishing	SEMI-T4C3-(2.0-3.5)-VN-45cm-18k-25.02g-w-12lpcs-5.12ct-FIN 1	SEMI-T4C3-(2.0-3.5)-VN-45cm-18k-25.02g-w-12lpcs-5.12ct-FIN 1	0.00	0.00	0.00	Draft
MO/00623	4	2nd Polishing	SEMI-T4C3-(2.0-3.5)-VN-45cm-18k-25.02g-w-12lpcs-5.12ct-POL 2	SEMI-T4C3-(2.0-3.5)-VN-45cm-18k-25.02g-w-12lpcs-5.12ct-POL 2	0.00	0.00	0.00	Draft
MO/00624	5	2nd Finishing	T4C3-(2.0-3.5)-VN-45cm-18k-25.02g-w-12lpcs-5.12ct	T4C3-(2.0-3.5)-VN-45cm-18k-25.02g-w-12lpcs-5.12ct - vl	0.00	0.00	0.00	Draft

MASTER PLAN



Explain

V. Delivery Plan

Purpose:

_ View the list of delivery plans by customer

Step by step:

1. Search function
2. Customer list information
3. Excel file download function
4. Click "Create" to create a delivery plan. See the next slide.

	Customer	Description	Create Date
<input type="checkbox"/>	Test Customer		04/03/2024 10:23:42
<input type="checkbox"/>	B&B	Test	07/03/2024 10:19:40
<input type="checkbox"/>	ADAMS	TEST	07/03/2024 14:16:20
<input type="checkbox"/>	ADT	my test	07/03/2024 18:29:36
<input type="checkbox"/>	ABD		13/03/2024 10:12:27

MASTER PLAN



Explain

V. Delivery Plan

Purpose:

_ Create delivery plans according to customers


Step by step:

1. Fill in the information:
 - Customer
 - Description
2. Then click "Save"

Delivery Plan / New

2 ✓ Save ✕ Discard

1

Customer 

Created on

Description

Delivery Plan

Send message Log note Schedule activity 0 Follow 0

Today

M my
Creating a new record...

MASTER PLAN



Explain

V. Delivery Plan

Purpose:

_ View detailed information about the list of delivery orders for customers

Step by step:

1. Click "Delivery Plan" to see details
2. Search function
3. List display modes: List, Gantt.
4. Delivery plan status list information.
5. Excel file download function.

Delivery Plan / DOPO0004

[Edit](#) [+ Create](#) [Action](#) [KnowSystem](#) 3 / 5 < >

Customer: ADAMS
uk
Created on: 07/03/2024 14:16:20

Delivery Plan / DOPO0004 / ADAMS

Search... [Filters](#) [Group By](#) [Favorites](#) 1-10 / 38 < >

Order	Reference	Source Location	Destination Location	Contact	Scheduled Date	Status	Created by	Created on	
SO0090 (2)									
<input type="checkbox"/>	SO0090	WH/OUT/00076	WH/FG/Packing	Partner Locations/Customers	ADAMS	01/04/2024 08:12:59	Waiting	OdooBot	01/04/2024 08:12:59
<input type="checkbox"/>	SO0090	WH/OUT/00074	WH/FG/Packing	Partner Locations/Customers	ADAMS	22/03/2024 13:38:17	Cancelled	OdooBot	22/03/2024 13:38:17
SO0091 (1)									
<input type="checkbox"/>	SO0091	WH/OUT/00075	WH/FG/Packing	Partner Locations/Customers	ADAMS	23/03/2024 08:13:45	Waiting	OdooBot	23/03/2024 08:13:45
SO0089 (2)									
<input type="checkbox"/>	SO0089	WH/OUT/00073	WH/FG	Partner Locations/Customers	ADAMS	20/03/2024 13:52:11	Draft	Administrator	19/03/2024 13:52:11
<input type="checkbox"/>	SO0089	WH/OUT/00072	WH/FG	Partner Locations/Customers	ADAMS	19/03/2024 13:51:18	Waiting	OdooBot	19/03/2024 13:51:18
SO0088 (1)									
<input type="checkbox"/>	SO0088	WH/OUT/00071	WH/FG	Partner Locations/Customers	ADAMS	19/03/2024 13:44:22	Waiting	OdooBot	19/03/2024 13:44:22
SO0087 (1)									
<input type="checkbox"/>	SO0087	WH/OUT/00070	WH/FG	Partner Locations/Customers	ADAMS	19/03/2024 13:41:41	Cancelled	OdooBot	19/03/2024 13:41:41
SO0086 (1)									
<input type="checkbox"/>	SO0086	WH/OUT/00069	WH/FG	Partner Locations/Customers	ADAMS	19/03/2024 13:40:32	Waiting	OdooBot	19/03/2024 13:40:32
SO0084 (1)									
<input type="checkbox"/>	SO0084	WH/OUT/00067	WH/FG	Partner Locations/Customers	ADAMS	19/03/2024 13:31:33	Waiting	OdooBot	19/03/2024 13:31:33
SO0082 (2)									
<input type="checkbox"/>	SO0082	WH/OUT/00065	WH/FG	Partner Locations/Customers	ADAMS	19/03/2024 12:50:07	Draft	Administrator	19/03/2024 12:50:07
<input type="checkbox"/>	SO0082	WH/OUT/00064	WH/FG	Partner Locations/Customers	ADAMS	19/03/2024 12:46:06	Waiting	OdooBot	19/03/2024 12:46:06
SO0081 (2)									
<input type="checkbox"/>	SO0081	WH/OUT/00063	WH/Output	Partner Locations/Customers	ADAMS	19/03/2024 12:40:18	Waiting Another Operation	OdooBot	19/03/2024 12:40:18
<input type="checkbox"/>	SO0081	WH/OUT/00062	WH/Output	Partner Locations/Customers	ADAMS	19/03/2024 12:40:18	Waiting	OdooBot	19/03/2024 12:40:18



Thank you for using
For Smart Factory

MES 3D

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