

For Smart Factory



Operating |  
User |

# MANUAL



# MES<sup>3D</sup>

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. Button to directly access the customer's Sales Plan.
4. Excel file download function
5. Click "Create" to create a sales plan. See the next slide.

Customer	Description	Created on
<input type="checkbox"/> TWINP	<a href="#">Sale Plan</a>	06/10/2024 09:52:25
<input type="checkbox"/> HANGP	<a href="#">Sale Plan</a>	06/10/2024 09:52:07
<input type="checkbox"/> VALEN	<a href="#">Sale Plan</a>	06/10/2024 09:51:57
<input type="checkbox"/> UNEEK	<a href="#">Sale Plan</a>	06/10/2024 09:51:41
<input type="checkbox"/> JASON	<a href="#">Sale Plan</a>	06/10/2024 09:51:16
<input type="checkbox"/> MILES	<a href="#">Sale Plan</a>	06/10/2024 09:50:50
<input type="checkbox"/> EUROF	<a href="#">Sale Plan</a>	06/10/2024 09:50:14
<input type="checkbox"/> DKN	<a href="#">Sale Plan</a>	06/10/2024 09:49:51
<input type="checkbox"/> 5TH	<a href="#">Sale Plan</a>	06/10/2024 09:49:08
<input type="checkbox"/> FCJ	<a href="#">Sale Plan</a>	06/10/2024 09:48:23
<input type="checkbox"/> ABINT	<a href="#">Sale Plan</a>	06/10/2024 09:47:55
<input type="checkbox"/> AAMIR	<a href="#">Sale Plan</a>	03/29/2024 10:32:36

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

Sales Plan / ADAMS / ADAMS

Search...

Filters Group By Favorites 1-45 / 45

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-5.12ct	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. The top navigation bar includes ERP, KPI, Master Plan, Sales, Purchase, Approvals, and KMS. The main area displays a table of purchase orders with columns: PO#, Material, Description, Vendor, Order Qty, Received Qty, Booked Qty, SO#, Order Date, Expected Receipt I, Delivery Date, Received Date, Total Price, and State. A 'Hidden Columns Setting' dialog is open, showing checkboxes for various columns, with 'Material' selected. Numbered callouts (1-8) highlight specific UI elements: 1. Search bar, 2. Display mode icons (PPList, Kanban, Calendar, Pivot, PPGantt), 3. A row in the table, 4. Action buttons (Create, Confirm Order, Edit, Delete), 5. A checkbox in the table, 6. The 'Confirm Order' button, 7. The 'Columns Settings' button, and 8. A checkbox in the 'Hidden Columns Setting' dialog.

PO#	Material	Description	Vendor	Order Qty	Received Qty	Booked Qty	SO#	Order Date	Expected Receipt I	Delivery Date	Received Date	Total Price	State
<input checked="" type="checkbox"/> P00044 (1)	18K Tem (Y)		JP	5	0	0		2024-04-01	2024-04-01			0	draft
<input type="checkbox"/> P00043 (1)	AI (0,43 mm)-W		Kor	100	0	0		2024-03-28	2024-03-28	2024-03-28		0	delivering
<input type="checkbox"/> P00041 (1)	18K Tem (Y)		CN	100	100	0		2024-03-22	2024-03-22		2024-03-22	1	received
<input type="checkbox"/> P00040 (1)	AI (0,43 mm)-W		Kor	500	500	0		2024-03-13	2024-03-16	2024-03-16		0	received
<input type="checkbox"/> P00039 (1)	18K W Cutting Plate T4C3		Kor	5	5	0		2024-03-13	2024-03-16	2024-03-16		0	
<input type="checkbox"/> P00038 (1)	Ring Wire - W - #12 - 0,93g - Gem - 18K		Gem	2	0	0							
<input type="checkbox"/> P00037 (1)	T4C3 - P - 3,2 - g - JP - 18K		CN	2	2	0							
<input type="checkbox"/> P00036 (1)			Test Supplier	2	2	0							

Step by step:

1. Search function
2. List of display modes: PPList, Kanban, Calendar, Pivot, PPGantt
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.

Refer	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-512	T4C3-(2.0-3.5)-17inch-18K-W-25.02gr-512	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/00002	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/00002	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/00002	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/00089	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-512	T4C3-(2.0-3.5)-17inch-18K-W-25.02gr-512	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-512	T4C3-(2.0-3.5)-17inch-18K-W-25.02gr-512	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-512	T4C3-(2.0-3.5)-17inch-18K-W-25.02gr-512	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-512	T4C3-(2.0-3.5)-17inch-18K-W-25.02gr-512	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-512	T4C3-(2.0-3.5)-17inch-18K-W-25.02gr-512	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 11.00 / 0.00  
Order Qty 11.00 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. “Delivery plan” button to go directly to the delivery plan for each customer.
4. Excel file download function
5. Click “Create” to create a delivery plan. See the next slide.

The screenshot shows the ERP interface for the 'Delivery Plan' module. The top navigation bar includes 'ERP', 'KPI', 'Master Plan', 'Sales', 'Purchase', 'Approvals', and 'KMS'. The main content area has a search bar (1), a 'Filters' button, a 'Group By' button, and a 'Favorites' button. Below the search bar is a table with columns for 'Customer', 'Description', 'Create on', and 'Create by'. The table contains several rows of data, each with a 'Delivery Plan' button (3). A '+ Create' button (5) and a download icon (4) are located on the left side of the table. The table data is as follows:

Customer	Description	Create on	Create by
Customer	Delivery Plan	03/29/2024 10:11:07	Administrator
Customer	Delivery Plan	03/29/2024 10:12:30	Administrator
Vendor	Delivery Plan	05/14/2024 10:34:28	Administrator
ABINT	Delivery Plan	05/14/2024 13:15:39	KHC
ABD	Delivery Plan	05/16/2024 13:50:28	Administrator
ABC TRUC	Delivery Plan	05/21/2024 14:30:17	KHC
ADT	Delivery Plan Test shipping		

# 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.  
– Display content along with orders registered in WMS > FG Warehouse > Shipping

Delivery Plan / DOP00004

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

**1** Delivery Plan

**Customer** ADAMS  
**Created on** 07/03/2024 14:16:20  
**Description** TEST

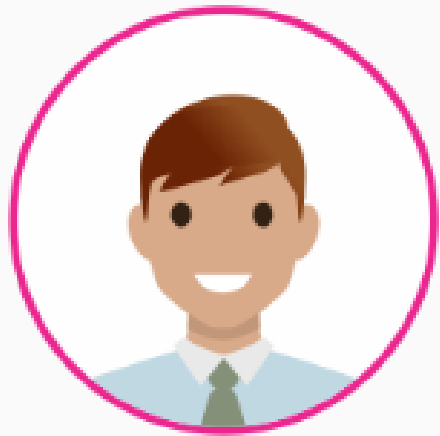
ERP KPI Master Plan Sales Purchase Approvals KMS

Delivery Plan / ABINT

From Date 03/06/2024 To Date 10/07/2024 **SEARCH**

Name	Sale Qty	Delivery Qty	Actual Delivery Qty	Delivery Date	May, 2024					June, 2024								
					30, Thu	31, Fri	1, Sat	2, Sun	3, Mon	4, Tue	5, Wed	6, Thu	7, Fri	8, Sat	9, Sun	10, Mon	11, Tue	
S00043 (2)	250.2	475.2	475	31-05-2024 ~ 07-06-2024	S00043													
WH/OUT/00102 (2) - done	250.2	250.2	250	31-05-2024	WH/OUT/...													
T4C3-(2.0-3.5)-17inch-18K-W-25.0	250.2	250	250		T4C3-(2.0...													
WH/OUT/00105 (1) - assigned	250.2	225	225	07-06-2024	WH/OUT/...													
T4C3-(2.0-3.5)-17inch-18K-W-25.0	250.2	225	225		T4C3-(2.0...													
S00021 (2)	271.2	696	696	10-06-2024	S00021													
/ (1) - done	250.2	696	696	10-06-2024	/													
T4C3-(2.0-3.5)-17inch-18K-W-25.0	250.2	696	696		T4C3-(2.0...													

**2** **3** **4**



Thank you for using  
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**MES** 3D

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