

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

고객 별 주문장 현황

실행 순서 & 기능 :

1. 검색 기능.
2. 고객 목록.
3. 엑셀로 다운로드 기능.
4. "Create" 버튼을 눌러 신규 Sales plan 생성.

The screenshot shows the ERP Sales Plan interface. The top navigation bar includes ERP, KPI, Master Plan, Sales, Purchase, Approvals, and KMS. The main content area is titled "Sales Plan" and features a search bar (annotated with 1), a table of customer orders (annotated with 2), and a "+ Create" button (annotated with 4). The table has columns for "Description" and "Created on".

	Description	Created on
<input type="checkbox"/>	OLVIA	13/03/2024 09:32:42
<input type="checkbox"/>	KHC	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

Sales Plan 생성

Sales Plan / New

2

Customer

Created on

Description

Sales Plan

1

실행 순서 & 기능 :

1. 관련 정보 입력 :

_ Customer 고객 명

_ Description 설명

2. “Save” 버튼을 눌러 저장.

MASTER PLAN



Explain

II. Sales Plan

고객 주문장 목록의 세부 사항 조회

실행 순서 & 기능 :

1. 해당 버튼을 눌러 목록 조회.
2. 검색 기능.
3. 화면 표시 모드 선택 : 목록, 간판, Pivot, 달력, Gantt
4. 고객 주문장 목록 표시.
5. 엑셀로 다운로드 기능.
6. 신규 고객 주문장 생성 기능.

Sales Plan / ADAMS

4 / 4

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)		2000	200		2000					
<input type="checkbox"/>	S00090 T4C3-(2.0-3.5)-VN-45cm-18k-25.02g-w-121pcs-5.12ct	1000	100	Value Added Tax (VAT) 10%	1000		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	1000	100	Value Added Tax (VAT) 10%	1000		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.	000	000		000		Sales Order	01/04/2024 08:12:59	22/03/2024 13:36:50	24/03/2024 13:36:50
S00091 (2)		000	200		000					
S00091 (2)		000	200		000					
S00091 (2)		000	200		000					
S00091 (2)		2000	200		2000					
S00089 (1)		10000	100		10000					
S00088 (1)		50,000.00	100		50,000.00					
S00087 (1)		100	100		100					
S00086 (1)		100	100		100					
S00084 (1)		100	100		100					
S00082 (1)		100	100		100					

MASTER PLAN



Explain

III. Purchasing Plan

Purchase Plan 목록 조회

실행 순서 & 기능 :

1. 검색 기능.
2. 화면 표시 모드 선택 : 목록, 간판, Pivot, 달력, Gantt
3. 구매 주문장 목록 표시.
4. 신규 구매 주문장 생성 기능.
5. 목록에서 구매 주문장 선택.
6. “Confirm Order” 버튼을 눌러 구매 주문 승인. “Edit” 버튼을 눌러 정보 수정. “Delete” 버튼을 눌러 구매 주문 삭제.
7. “Columns Settings” 버튼을 눌러 표시 항목 설정.
8. 표시할 항목 선택 후 “Save changes” 버튼을 눌러 저장.

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 this is a 'Purchasing Plan' header with a search bar (1) and a toolbar with 'Filters' (2), 'Columns Settings' (7), and view mode icons. A secondary toolbar contains 'Create' (4), 'Confirm Order' (6), 'Edit', and 'Delete' buttons. 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. 'Material' is checked (8), and 'Save changes' is highlighted at the bottom right.

PO#	Material	Description	Vendor	Order Qty	Received Qty	Booked Qty	SO#	Order Date	Expected Receipt Date	Delivery Date	Received Date	Total Price	State
PO0044 (1)	18K Tem (Y)		JP	5	0	0		2024-04-01	2024-04-01			0	draft
PO0043 (1)	Al (0,43 mm)-W		Kor	100	0	0		2024-03-28	2024-03-28	2024-03-28		0	delivering
PO0041 (1)	18K Tem (Y)		CN	100	100	0		2024-03-22	2024-03-22		2024-03-22	1	received
PO0040 (1)	Al (0,43 mm)-W		Kor	500	500	0		2024-03-13	2024-03-16	2024-03-16	2024-03-13	0	received
PO0039 (1)	18K W Cutting Plate T4C3		Kor	5	5	0							
PO0038 (1)	Ring Wire - W - #12 - 0.93g - Gem - 18K		Gem	2	0	0							
PO0037 (1)	T4C3 - P - 3.2 - g - JP - 18K		CN	2	2	0							
PO0036 (1)			Test Supplier	2	2	0							

MASTER PLAN



Explain

IV. Manufacturing Plan

Manufacturing Plan 목록 조회

	Refer	MMO #	Product	BOM	Order Qty	Target Qty	Actual Qty	Good	NG	Work Start Date	Work End Date	Created on	Status
<input type="checkbox"/>	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	
<input type="checkbox"/>	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
<input type="checkbox"/>	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
<input type="checkbox"/>	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
<input type="checkbox"/>	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
<input type="checkbox"/>	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
<input type="checkbox"/>	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
<input type="checkbox"/>	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
<input type="checkbox"/>	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
<input type="checkbox"/>	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	
<input type="checkbox"/>	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
<input type="checkbox"/>	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
<input type="checkbox"/>	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
<input type="checkbox"/>	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
<input type="checkbox"/>	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
<input type="checkbox"/>	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
<input type="checkbox"/>	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
<input type="checkbox"/>	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
<input type="checkbox"/>	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

실행 순서 & 기능 :

1. 검색 기능.
2. 화면 표시 모드 선택 : 목록, 간판, Pivot, 달력, Gantt
3. 생산 작업 지시서 목록 표시.
4. 엑셀로 다운로드 기능.
5. "Create" 버튼을 눌러 신규 생산 작업 지시서 생성.

MASTER PLAN



Explain

IV. Manufacturing Plan

공정 별 작업 지시서와 공정 설정 조회

실행 순서 & 기능 :

1. 작업 지시서 승인 후 상태는 “Confirmed”로 변경.
2. “MO List” 탭은 각 공정 별 작업 지시서 정보를 표시. “MO Setting” 탭은 각 공정 별 설정 표시.

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-121pcs-5.12ct
BOM T4C3-(2.0-3.5)-VN-45cm-18k-25.02g-w-121pcs-5.12ct - vl
Order Qty 11.00 Work Start - End Date 01/04/2024 09:58:59 → 01/04/2024 09:58:59
Stock Qty 95.04 Target / Actual Qty 11.00 / 0.00
OK / NG Qty 0.00 / 0.00
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-121pcs-5.12ct-HM	SEMI-T4C3-(2.0-3.5)-VN-45cm-18k-25.02g-w-121pcs-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-121pcs-5.12ct-POL 1	SEMI-T4C3-(2.0-3.5)-VN-45cm-18k-25.02g-w-121pcs-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-121pcs-5.12ct-FIN 1	SEMI-T4C3-(2.0-3.5)-VN-45cm-18k-25.02g-w-121pcs-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-121pcs-5.12ct-POL 2	SEMI-T4C3-(2.0-3.5)-VN-45cm-18k-25.02g-w-121pcs-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-121pcs-5.12ct	T4C3-(2.0-3.5)-VN-45cm-18k-25.02g-w-121pcs-5.12ct - vl	0.00	0.00	0.00	Draft

MASTER PLAN



Explain

V. Delivery Plan

고객 별 배송 계획 목록 조회

실행 순서 & 기능 :

1. 검색 기능.
2. 고객 목록 표시.
3. 엑셀로 다운로드 기능.
4. "Create" 버튼을 눌러 신규 배송 계획 생성.

<input type="checkbox"/>	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

신규 배송 계획 생성

Delivery Plan / New

2 ✓ Save ✕ Discard

1

Customer

Created on

Description

Send message Log note Schedule activity 0 Follow 0

Today

M. my
Creating a new record...

실행 순서 & 기능 :

1. 관련 정보 입력 :

_ Customer 고객 명

_ Description 설명

2. “Save” 버튼을 눌러 저장.

MASTER PLAN



Explain

V. Delivery Plan

고객 별 배송 지시서 세부 사항 조회

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_ [Pencil icon] [Magnifying glass icon]

Filters Group By Favorites 1-10 / 38 < > [Menu icon] [Print icon]

Order	Reference	Source Location	Destination Location	Contact	Scheduled Date	Status	Created by	Created on	
S00090 (2)									
<input type="checkbox"/>	S00090	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"/>	S00090	WH/OUT/00074	WH/FG/Packing	Partner Locations/Customers	ADAMS	22/03/2024 13:38:17	Cancelled	OdooBot	22/03/2024 13:38:17
S00091 (1)									
<input type="checkbox"/>	S00091	WH/OUT/00075	WH/FG/Packing	Partner Locations/Customers	ADAMS	23/03/2024 08:13:45	Waiting	OdooBot	23/03/2024 08:13:45
S00089 (2)									
<input type="checkbox"/>	S00089	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"/>	S00089	WH/OUT/00072	WH/FG	Partner Locations/Customers	ADAMS	19/03/2024 13:51:18	Waiting	OdooBot	19/03/2024 13:51:18
S00088 (1)									
<input type="checkbox"/>	S00088	WH/OUT/00071	WH/FG	Partner Locations/Customers	ADAMS	19/03/2024 13:44:22	Waiting	OdooBot	19/03/2024 13:44:22
S00087 (1)									
<input type="checkbox"/>	S00087	WH/OUT/00070	WH/FG	Partner Locations/Customers	ADAMS	19/03/2024 13:41:41	Cancelled	OdooBot	19/03/2024 13:41:41
S00086 (1)									
<input type="checkbox"/>	S00086	WH/OUT/00069	WH/FG	Partner Locations/Customers	ADAMS	19/03/2024 13:40:32	Waiting	OdooBot	19/03/2024 13:40:32
S00084 (1)									
<input type="checkbox"/>	S00084	WH/OUT/00067	WH/FG	Partner Locations/Customers	ADAMS	19/03/2024 13:31:33	Waiting	OdooBot	19/03/2024 13:31:33
S00082 (2)									
<input type="checkbox"/>	S00082	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"/>	S00082	WH/OUT/00064	WH/FG	Partner Locations/Customers	ADAMS	19/03/2024 12:46:06	Waiting	OdooBot	19/03/2024 12:46:06
S00081 (2)									
<input type="checkbox"/>	S00081	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"/>	S00081	WH/OUT/00075	WH/Exec	Partner Locations/Customers	ADAMS	19/03/2024 12:40:18	Waiting	OdooBot	19/03/2024 12:40:18

실행 순서 & 기능 :

1. "Delivery Plan" 버튼을 눌러 세부 사항 조회.
2. 검색 기능.
3. 화면 표시 모드 선택 : 목록, Gantt.
4. 배송 계획 현황 표시.
5. 엑셀로 다운로드 기능.



Thank you for using
For Smart Factory

MES 3D

ERP + MES + SCADA