



WMS Project

Cesan Information

Agenda



Cesan Information



System Design



System Function



Implementation



About Cesan

- ◆ Over 20 years of solid experiences in Logistics since 1999

- ◆ More than **40** customers successfully gone live

Consumer goods : Unilever 、 Nike 、 Nestle

Electronic : Kinpo 、 ASUS

Medical : Abbot 、 A-strong

Alcoholic : Kirin 、 KKL

Catering : Hidilao

Other : APP 、 Stapro ...



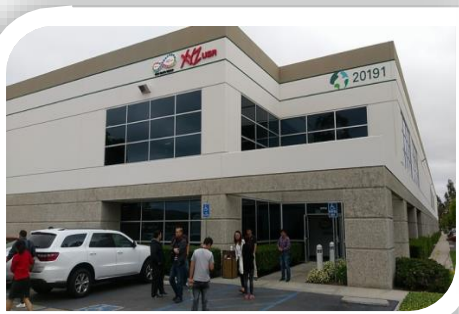
WMS Implementation Experience

◆ More than **30** sites successfully gone live

Taiwan 25 sites · USA 4 sites (ASUS · Kinpo) · HK 1 site (Unilever)



WMS Implementation



Year-Month	Customer	Warehouse	Storer
2016-09	Kinpo	USA DC	Kinpo
2017-04	A-strong	Nankan DC	Abbot、DKSH...
2018-04	Timely Rain	Guanyin DC	NIKE
2018-06	Welldone Logistic	Yangmei DC	Farcent
2018-10	Jun Hang Logistic	Yangmei DC	Hidilao
2019-07	Welldone Logistic	ASUS DC	ASUS
2019-10	Bao Cang Logistic	Dayuan DC	iKea、Dulux...
2019-11	Welldone Logistic	Inventec DC	Inventec、Pxpapay
2019-12	Bao Cang Logistic	Nankan DC	Liu Pao、kalin..
2020-04	Zeus Value Chain	Longtan DC	NIPPON、DON DON
2021-01	Ally Logistic	Rueifang B5 DC	DR.WU、AVEDA
2021-03	Ally Logistic	Dayuan DC	Hengstyle、Electrolux
2021-06	Bestlog Logistic	Guanyin DC	Fonterra
2021-06	Ally Logistic	Yangmei DC (AGV)	Carrefour
2021-07	Ally Logistic	Rueifang B7 DC (AGV)	Amway

WMS Implementation

Using digital technology

- ◆ to B
 - 150 SKUs in one orders
 - 2660 pcs in one orders

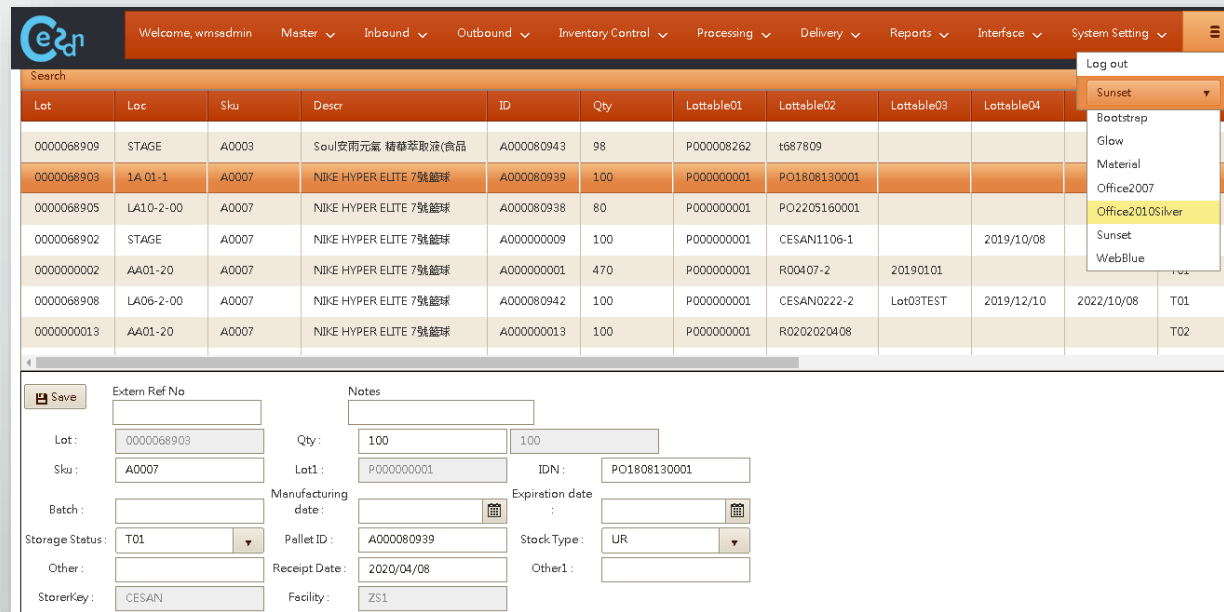
- ◆ to C
 - Daily Orders Quantity : 20000



Year	Customer	ERP
2002	Unilever	AS400
2003	Unicharm	Oracle
2005	Bestlog	Workflow
2007	Kirin	Oracle
2008	Hsin Lin	Hsin Lin
2008	Nestle	SAP
2009	Unilever	SAP
2012	APP	SAP
2013	IDS	JD Edwards
2014	ASUS	Oracle
2014	MaoBao	Oracle
2016	Kinpo	Oracle
2017	A-Strong	CPAC
2018	Nike	ERP
2018	Hidilao	SAP
2018	Farcent	SAP
2019	ASUS	Oracle
2019	Inventec	SAP
2020	Pegatron	SAP

Cesan WMS

- ◆ Super multi-language · Excellent User Experience
 - HTML5+ (RWD, Responsive Web Design)
- ◆ Cloud WMS + TMS + RF + QC + (AGV · AS/RS · CAPS)



The screenshot shows the Cesan WMS web interface. At the top, there is a navigation bar with the Cesan logo and various menu items: Welcome, wmsadmin, Master, Inbound, Outbound, Inventory Control, Processing, Delivery, Reports, Interface, and System Setting. Below the navigation bar is a search bar and a table of inventory items. The table has columns for Lot, Loc, Sku, Descr, ID, Qty, Lottable01, Lottable02, Lottable03, and Lottable04. Below the table is a detailed form for editing an item, with fields for Lot, Sku, Qty, Lot1, IDN, Manufacturing date, Expiration date, Storage Status, Pallet ID, Stock Type, Other, Receipt Date, Other1, StorerKey, and Facility.

Lot	Loc	Sku	Descr	ID	Qty	Lottable01	Lottable02	Lottable03	Lottable04
000068909	STAGE	A0003	Sou安爾元氣 精華萃取液(食品)	A000080943	98	P000008262	t687809		
000068903	1A 01-1	A0007	NIKE HYPER ELITE 7號籃球	A000080939	100	P000000001	PO1808130001		
000068905	LA10-2-00	A0007	NIKE HYPER ELITE 7號籃球	A000080938	80	P000000001	PO2205160001		
000068902	STAGE	A0007	NIKE HYPER ELITE 7號籃球	A000000009	100	P000000001	CESAN1106-1		2019/10/08
000000002	AA01-20	A0007	NIKE HYPER ELITE 7號籃球	A000000001	470	P000000001	R00407-2	20190101	
000068908	LA06-2-00	A0007	NIKE HYPER ELITE 7號籃球	A000080942	100	P000000001	CESAN0222-2	Lot03TEST	2019/12/10 2022/10/08 T01
000000013	AA01-20	A0007	NIKE HYPER ELITE 7號籃球	A000000013	100	P000000001	R0202020408		T02

Neutral	中文 (繁體, 台灣) [zh-T...]	日文 (日本) [ja-JP]
Import	匯入	インポート
Preview	預覽	プレビュー
Query	查詢	クエリ
upload	上傳	アップロード

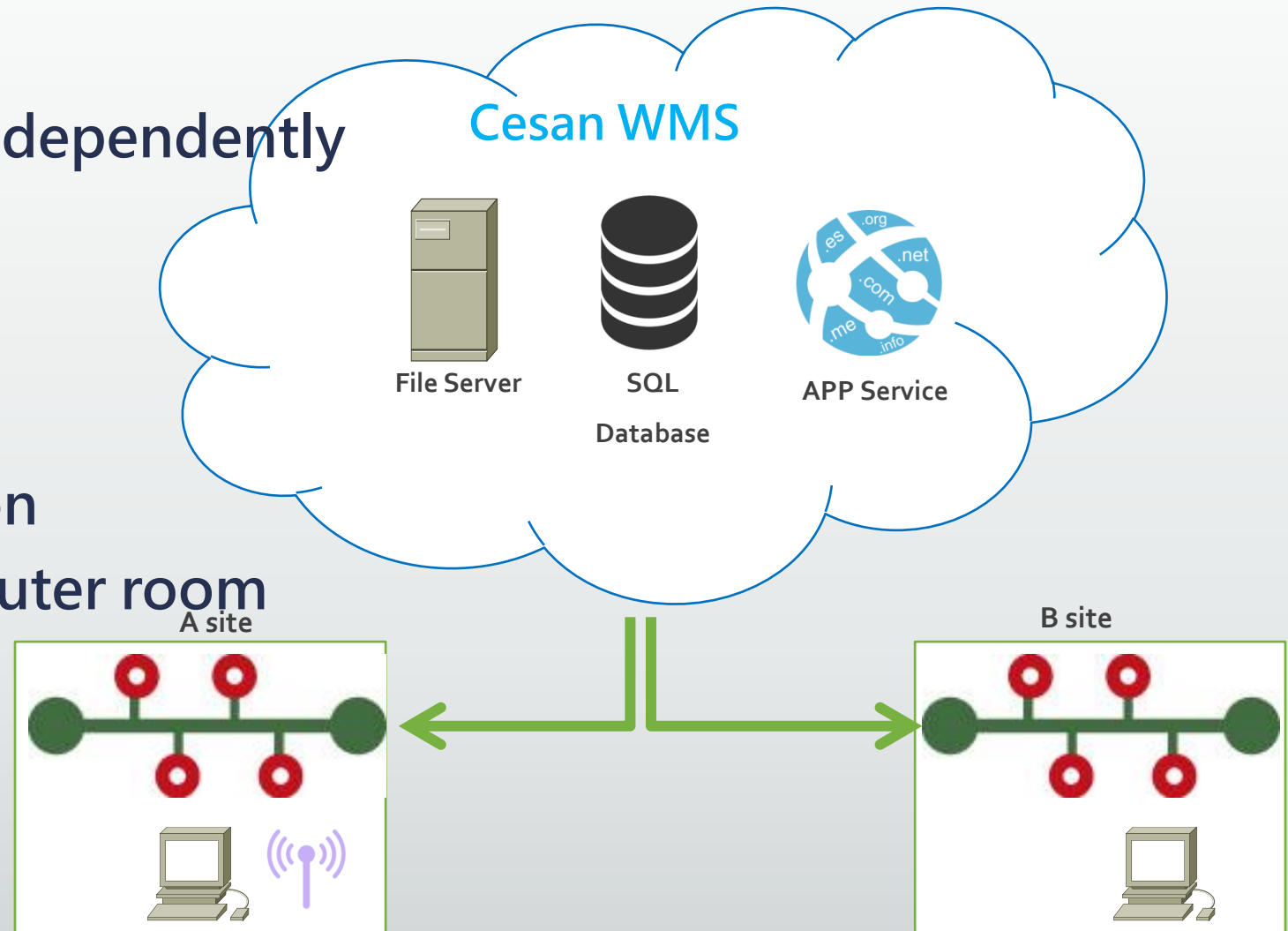
System structure

◆ Support Multi-Facility

- Each warehouse works independently
- Centralized Database

◆ Cloud Platform

- Support remote operation
- No need to build a computer room
- Quick implementation



Cloud WMS

- ◆ Higher performance and availability
 - Scalability : CPU 、 RAM
 - Azure Cloud Services, cost savings
- ◆ Accessibility anywhere
- ◆ RWD design
 - Multi-platform software : Windows 、 Apple 、 Android
 - The content moves freely across all screen resolutions and all devices. ◦





Visualization Report

◆ More than 40 reports

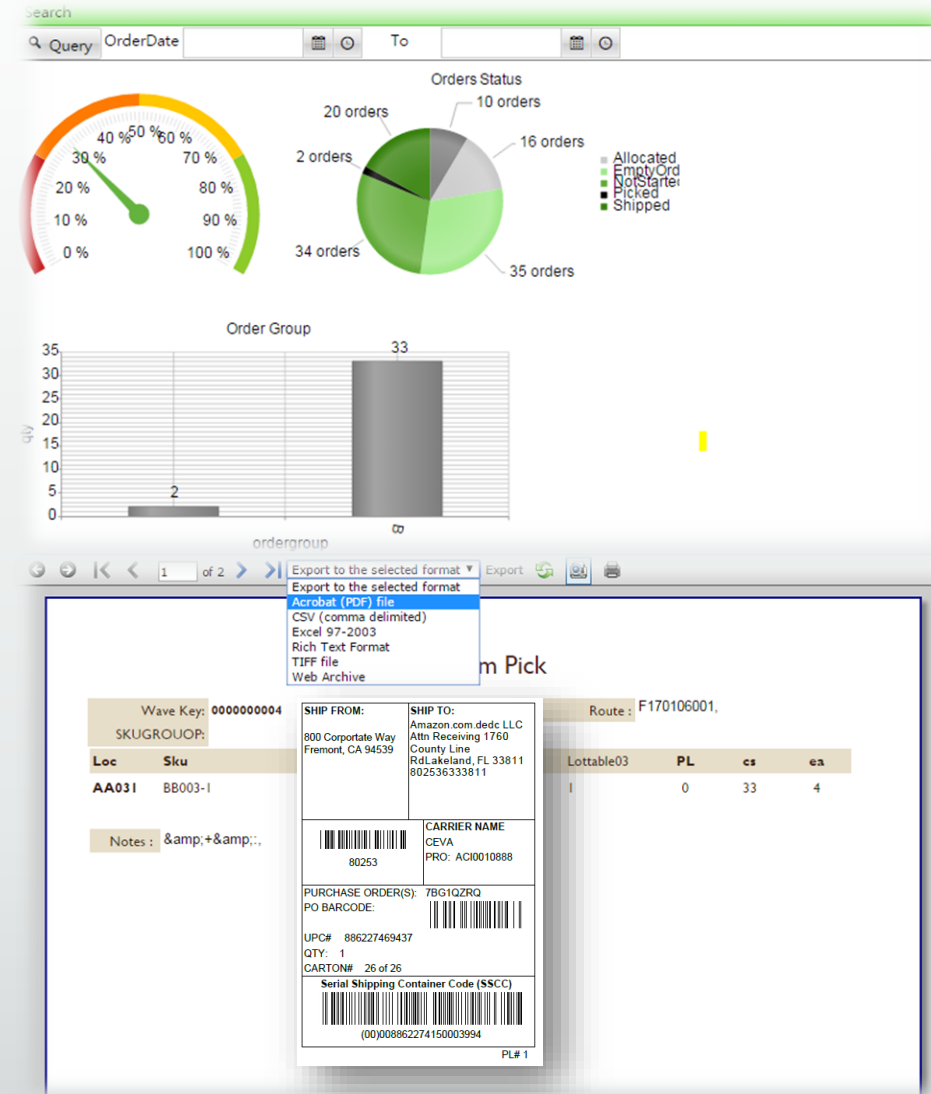
- Transportation
- Warehouse

◆ Query method

- **Auto** Email
- Web Query

◆ Report Type

- Chart
- To Excel
- Paper



Fully Integrated System Capability (WMS+TMS+VAS)

◆ Strategy

- Putaway
- Replenishment
- **Allocate**
(FIFO、FEFO...)

◆ Inventory

- Multi-Facility
- Multi-Storer

◆ Lot control

- PO Number
- Batch Number
- Expiry Date...

EDI /
Interfaces



Work Orders

Warehouse
Dashboard



Wave

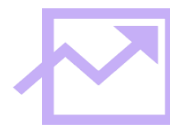
Cesan WMS
Solution

Route Plan

Warehouse

Load Control

KPIs'



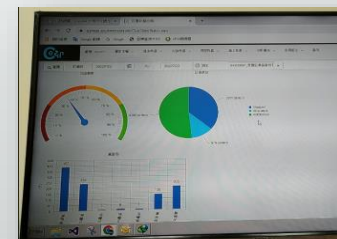
QC

Mobile
Devices



Multiple digital devices

◆ Workstation + PDA + Tablet + Digital TV



Sport Automated Storage

◆ Integrate automation equipment

- AGV
- AS/RS
- CAPS

◆ Progressive Automation Design

- Paper work
- Use digital devices
- Integrate automation equipment





Item Configuration

	StorerKey	SKU	DESCR	GROUP	BUSR1	BUSR2	BUSR3	StrategyKey
Select	CESAN	A0001	測	A				ZONE A
Select	CESAN	A0002	A0					ZONE A
Select	CESAN	A0003	So					ZONE A
Select	CESAN	A0007	NI	B				ZONE A
Select	CESAN	A0010	安					ZONE A


Item	Pack	Strateg
		FIFO
		FEFO
		FMFO
		FLOT
		LIFO
		FIFO

PutawayStrategyKey: ZONE A-系統預設... PutawayLoc: _____ PutawayZone: Dock

AllocateStrategyKey: STD-板箱個(揀儲... DefaultRotation: _____

ReplenishStrategyKey: STD-STD-整箱補貨

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Pallet			
ID		TI	0
	A000000010	HI	0
PO	R0906-2		
SKU	A0007		
Descr	NIKE HYPER ELITE 7號籃球		
Batch Number	Expiry Date		
	2020/04/09		
Case	Inner Pack	EA	Total EA
5	0	0	100

Strategy :
Putaway
Allocate
Replenishment



Stock Attributes

◆ Lot are attributes about an item that is captured during the receipt process and will be tracked through-out the system until shipment.

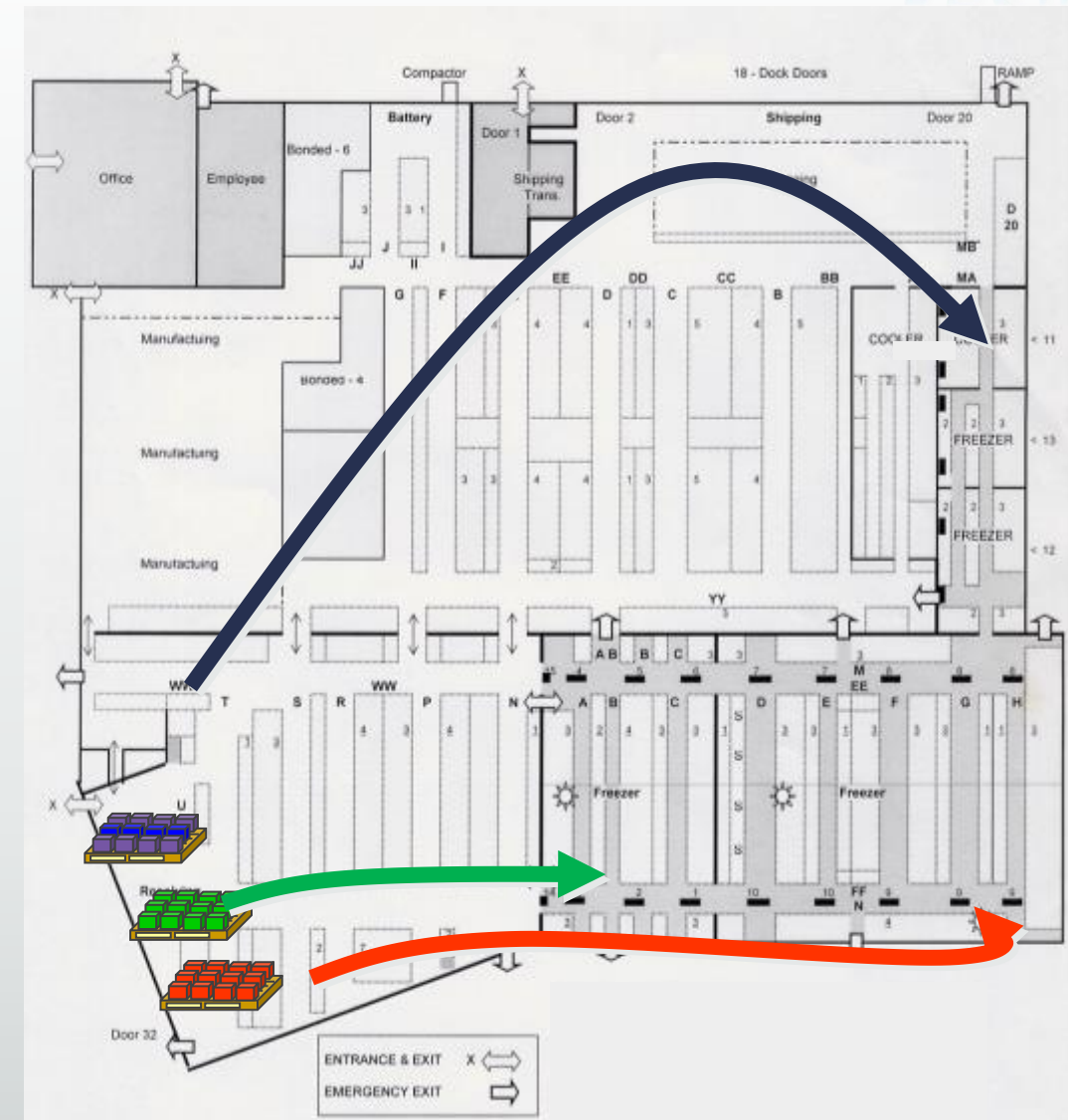
◆ Attributes Example :

- Batch/Lot Number
- PO Number
- Expiry Date
- Production Date
- Receipt Date
- Storage Status
- Stock Type

Aisle	Loc	SKU	Descr	Casecnt	TI	HI	Total_EA	CS	EA	Tran CS	Tran IP	Tran EA	UOM
AA	AA031	A800	Fair management Pack	30	0	0	1000000	200000	0	200000	0	0	SET
AA	AA031	A93886UT		0	0	0	150	0	150	0	0	150	
AA	AA031	AT045	High-Q 蘋果糖 60'S	78	0	0	990000	12692	24	12692	0	24	CAN
AA	AA031	AT1002-5321		0	0	0	100	0	100	0	0	100	
AA	AA031	AT1002-5321	呵護100成人濕巾組(3包+2包嬰兒25抽)(箱)	6	0	0	10000000	1666666	4	166666	0	4	組
AA	AA031	AT1002-5321	呵護100成人濕巾組(3包+2包嬰兒25抽)(箱)	6	0	0	40000000	6666666	4	666666	0	4	組
AA	AA031	BB003-1		12	0	0	9991900	832658	4	832658	0	4	
AA	AA031	BB003-1		12	0	0	19998400	1666533	4	166653	0	4	
AA	AA031	BB003-1		12	0	0	1000	83	4	83	0	4	

Receiving

- ◆ Type Identification
 - ASN, PO, Return Order
- ◆ Receiving Methods
 - Blind, Known
- ◆ Primary Methods of Receiving
 - Workstation, Paper base, RF(PDA)
- ◆ System Driven Putaway
 - Suggest location based on rules, intelligent real time.





Putaway Strategy

◆ Uses Putaway strategies to assign best storage locations for materials received into the warehouse dynamically based on current situation.

◆ Flexible Configuration By :

- Dimension
- Zone
- Location Type
- Pallet limit
- Items

Edit	PutawayStrategyKey	Descr	AddDate	AddWho	EditDate	EditWho							
	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>							
	ZONE A	ZONE A-系統預設 ZoneA-E	3/9/2007 4:52:56 PM	dbo	3/9/2007 4:52:56 PM	wmsadmin	x						
	FIXZONE	FIXZONE-固定上架區	11/4/2019 4:58:12 PM	wmsadmin	11/4/2019 4:58:12 PM	wmsadmin	x						
	FIXLOC	FIXLOC-固定上架儲 位	3/9/2018 6:55:57 PM	wmsadmin	3/9/2018 6:55:57 PM	wmsadmin	x						
+ Add new record							Refresh						
Edit	PutawayStrategy	PAType	Zone	FROMLOC	TOLOC	DimensionRe	LocationTypeEx	LocationType	LocationStati	CheckRestrict	LocationFlag	LocationCate	
	00001	02	ZONE A	STAGE		0		OTHER	1	Y			x
	00002	02	ZONE B	STAGE		0	PICK		1	Y			x
	00003	02	ZONE C	STAGE		0	PICK		1	Y			x
	00004	02	ZONE D	STAGE		0	PICK		1	Y			x
	00005	02	ZONE E	STAGE		0	PICK		1	Y			x

◆ Support ASRS Locations



RF Putaway

Click Putaway


e2n Main Menu Log out

- 1 Inbound
- 2 Putaway
- 3 Outbound
- 4 Inventory Control
- 5 Inquiry

Scan ID barcode

e2n Putaway

ID



Scan Location barcode

e2n Putaway

ID

SKU A0007

Desc
NIKE HYPER ELITE 7號籃球

Qty 100

From STAGE

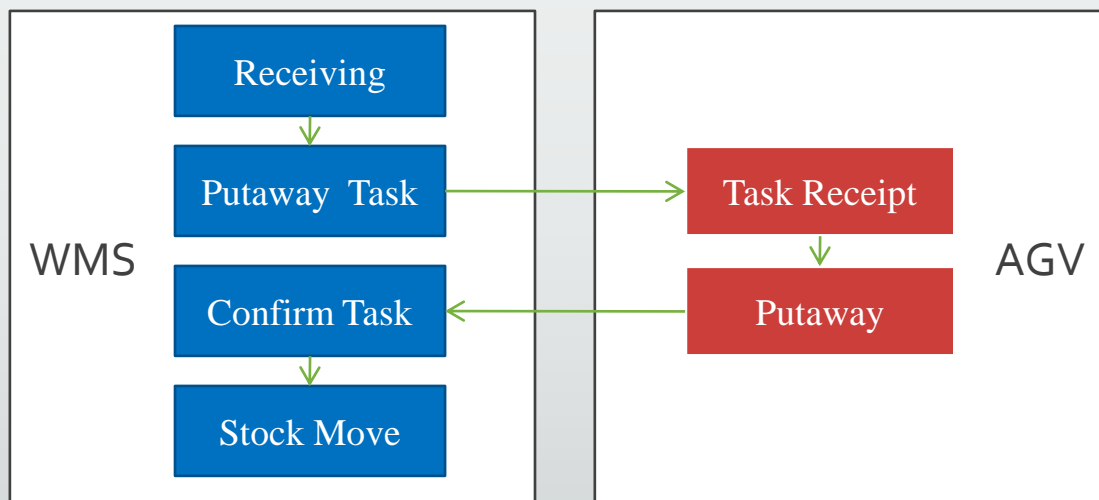
To LA12-6-00

To Location

AGV + AS/RS Putaway

◆ Task Management

- Putaway Task
- Confirm Task
- Stock Move



查詢區域

倉庫* YM-C4-1_楊梅倉庫 倉主 請選擇倉主 記錄欄類型* 待發送/待回覆 任務新增日* 2021/12/12 上午 12:00 ~ 2021/12/13 下午 11:59

上架任務號

狀態	任務序列號	上架任務號	儲區類型	儲區代碼	倉庫編號	貨主編號	上架單編號
已發送, 等待WES回傳結果 (2)	2b3a2cac-c220-450b-b0a6-b7947b1cee0a	0000082419_A000418640	A	A1-YC41	YM-C4-1	70384248	ICHG2112120009
已發送, 等待WES回傳結果 (2)	fbcb5336-b3d2-4fc0-bafb-07d21570cd86	0000082439_A000418680	A	A1-YC41	YM-C4-1	70384248	ICHG2112120009
已發送, 等待WES回傳結果 (2)	800976d8-63f1-4704-ee70-36d70b51912e	0000082449_A000418835	A	A1-YC41	YM-C4-1	70384248	ICHG2112120009
已發送, 等待WES回傳結果 (2)	a39709da-a073-4f37-9371-4f86a269b970	0000082480_A000418865	A	A1-YC41	YM-C4-1	70384248	ICHG2112120010
已發送, 等待WES回傳結果 (2)	a1d80e0e-3595-467e-a2dc-96cc0f78652c	0000082494_A000418898	A	A1-YC41	YM-C4-1	70384248	ICHG2112120009
已發送, 等待WES回傳結果 (2)	8182d937-bc68-44d0-8c4d-2f68c45a931	0000082655_A000419275	A	A1-YC41	YM-C4-1	70384248	ICHG2112120009
已發送, 等待WES回傳結果 (2)	a141a0ce-3312-4c1a-869c-1b248e870164	0000082657_A000419371	A	A1-YC41	YM-C4-1	70384248	ICHG2112120009
已發送, 等待WES回傳結果 (2)	65fe94df-c655-401f-971c-1b6d42bdcd8d	ICHG211212000905_A000418976	A	A1-YC41	YM-C4-1	70384248	ICHG2112120009
已發送, 等待WES回傳結果 (2)	2028bfd3-f6ed-4fa1-8e99-d3a9fbae81a2	0000082683_A000420157	A	A1-YC41	YM-C4-1	70384248	ICHG2111130001



Inventory Management

◆ Lot, Date controls

- Lot/Batch control
- Date control – Expiration, Receipt date

◆ Cycle Counting

- Planned Options (zone, item, location)
- Location with transactions

◆ Real Time Transactions

- On Hand, Available, Allocated , Picked

Search

Facility*

Loc

SKU

ID

IDN

ShelfLife

Storer

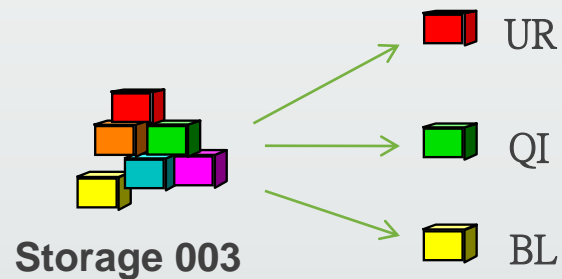
Storage Status

Stock Type

Lot	Loc	SKU	Descr	ID	Qty	Lotsble01	PO Number
0000068900	LE14-6-00	A0002	A0002測試	A000080918	100	P000008261	PO20220314-1
0000068895	LA06-6-00	A0002	A0002測試	A000080919	100	P000008261	PO20220314-1
0000068896	LA07-6-00	A0002	A0002測試	A000080920	100	P000008261	PO20220314-1
0000068897	LA08-5-00	A0002	A0002測試	A000080921	100	P000008261	PO20220314-1
0000068898	LA08-6-00	A0002	A0002測試	A000080922	100	P000008261	PO20220314-1
0000068899	LA09-3-00	A0002	A0002測試	A000080923	78	P000008261	PO20220314-2
0000068909	STAGE	A0003	Soul安兩元氣 精華萃取液(食品)	A000080943	98	P000008262	t687809

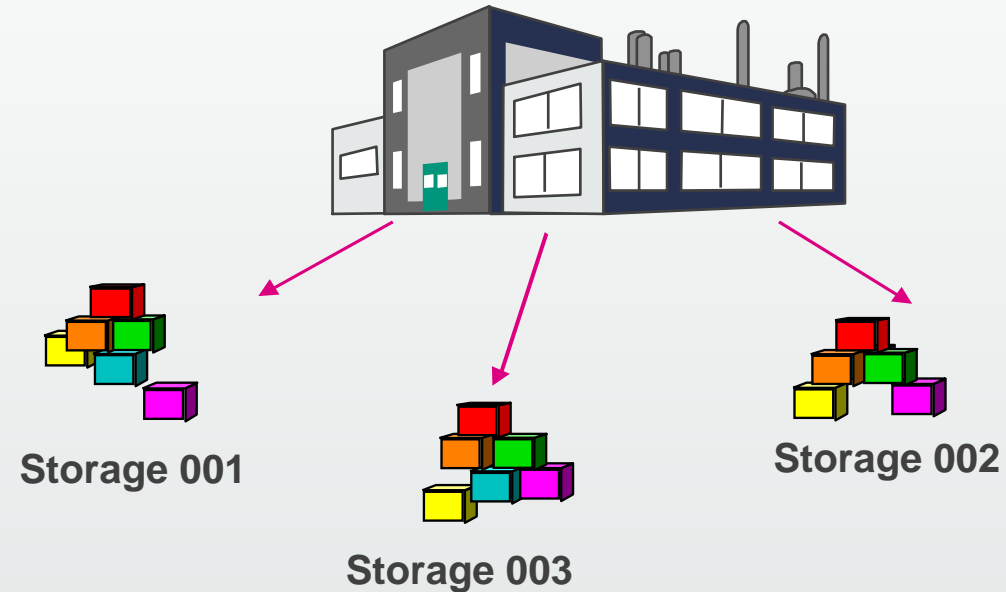
Inventory Management & Control

- Inventory level
 - By Item
 - By Each
 - By Storage Status
 - By Stock Type



Control stock by different stock types :

- Unrestricted-use
- Quality inspection
- Blocked stock (valuated)



A storage status is a sub division of a plant and a logical area where inventory is stored

Zone and Location

Zone:

Group of locations that can be assigned with special attributes such as putaway rules

Location:

Lowest level of warehouse Locations with details (eg. Type, Dimension, Max Weight, Position in the warehouse, etc.)

+ Add new record

Edit	Loc	Length	Width
	LocationFlag:	NONE	
	LocationHandling:	Other	
	LocationCategory:	A	
	CubicCapacity:	Pallet Flow	
	WeightCapacity:	Pallet Carousel	
	LoseId:	Pick face	
	Facility:	Push Back Rack	
	ABC:	Repacking	
	PutawayZone:	Standard Selective	
	SectionKey:	ZONE A	

Example Location

Type: Pallet Rack,
Block-stack

Edit	Loc	Length	Width	Height	LocationTy	LocationFlag	LocationHan	LocationCatr	CubicCapaci	WeightCapa	Facility	ABC	PutawayZc	SectionKey	LocLevel	maxpallet	
✎	AE011	0	0	0	OTHER	NONE	9	OTHER	0	0	F1		ZONE A		0	1	×
✎	AF011	0	0	0	OTHER	NONE	9	OTHER	0	0	F1		ZONE A		0	1	×
✎	AG011	0	0	0	OTHER	NONE	9	OTHER	0	0	F1		ZONE A		0	1	×
✎	AA051	180	120	190	OTHER	NONE	9	OTHER	144.87	1000	F1	A	ZONE A	I	1	1	×
✎	DOCK	0	0	0	OTHER	NONE			0	0	F1	B	DOCK	FACILITY	0	1	×
✎	LOST	0	0	0	OTHER	HOLD	9	OTHER	0	0	F1	B	DOCK	FACILITY	0		×
✎	QC	0	0	0	OTHER	HOLD	9	OTHER	0	0	F1	B	DOCK	FACILITY	0		×
✎	STAGE	0	0	0	OTHER	HOLD	9	OTHER	0	0	F1	B	RACK	FACILITY	0		×
✎	UNKNOWN	0	0	0	OTHER	HOLD	9	OTHER	0	0	F1	B	RACK	FACILITY	0		×



Move 、 Transfer and Adjustment

◆ Move

- Location change

◆ Transfer Lot

- Batch Number
- Manufacturing Date
- Expiration Date
- Storage Status
- Stock Type

◆ Adjustment

- increase or decrease
- integer

Lot	Loc	Sku	Descr	ID	Qty	Lottable01	PO Number	Batch	Production Date	Expiry Date	Storage Status	ID
0000068897	LA08-5-00	A0002	A0002測試	A000080921	100	P000008261	PO20220314-1				T01	A000080921
0000068898	LA08-6-00	A0002	A0002測試	A000080922	100	P000008261	PO20220314-1				T01	A000080922
0000068899	LA09-3-00	A0002	A0002測試	A000080923	78	P000008261	PO20220314-2				T01	A000080923
0000068909	STAGE	A0003	Soul安爾元氣精華萃取液(食品)	A000080943	90	P000008261	PO20220314-1				T01	A000080943
0000068903	1A 01-1	A0007	NIKE HYPER ELITE 7號籃球	A000080939	1	P000008261	PO20220314-1				T01	A000080939
0000068905	LA10-2-00	A0007	NIKE HYPER ELITE 7號籃球	A000080938	831	P000008261	PO20220314-1				T01	A000080938
0000068902	STAGE	A0007	NIKE HYPER ELITE 7號籃球	A000000009	1	P000008261	PO20220314-1		2019/10/08		T01	A000000009

Save

Extern Ref No	<input type="text"/>	Notes	<input type="text"/>
Lot:	<input type="text" value="0000068898"/>	Qty:	<input type="text" value="100"/>
Sku:	<input type="text" value="A0002"/>	Lot1:	<input type="text" value="P000008261"/>
Batch:	<input type="text"/>	Manufacturing date:	<input type="text"/>
Storage Status:	<input type="text" value="T01"/>	Pallet ID:	<input type="text" value="A000080922"/>
Other:	<input type="text"/>	Receipt Date:	<input type="text" value="2022/03/14"/>
StorerKey:	<input type="text" value="CESAN"/>	Facility:	<input type="text" value="ZS1"/>



RF Move(PDA)

Click Move

Sub Menu


Inventory Control

- 1
- 2

Scan ID barcode

Move

ID



Scan location barcode

Move

ID

SKU A0007

Desc
NIKE HYPER ELITE 7號籃球

Available
Qty 100

From STAGE

To
Location



RF Query(PDA)

Click Inquiry

Sub Menu

Inquiry

1

Scan Location

Inventory Inquiry

ID

Location

SKU

Query result

A0007 [NIKE HYPER ELITE 7號籃球] (Sum-On
Hand Qty80 ,Available Qty80 ,Cnt:1)

Location LA10-2-00

ID A000080938

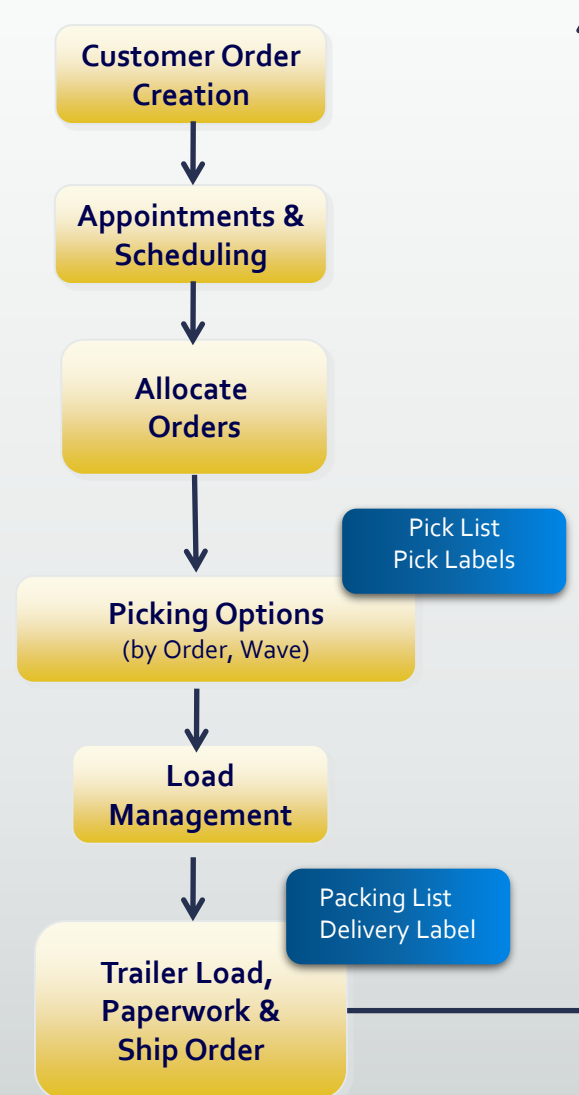
IDN PO2205160001

Storage
Status T01

On
Hand
Qty 80

Available
Qty 80

Outbound Process





Allocation Strategy and Shelf-Life

◆ FIFO, LIFO, FEFO, LEFO, FMFO

◆ Specify shipments

- By Shelf-Life
- By Storage Status
- By Stock Type
- By Batch/Lot Number
- By PO Number

Edit	PreAllocateStrategyKey	Descr	AddDate	AddWho	EditDate	EditWho	
	STD	STD-板箱個(揀儲優先)	3/9/2007 4:52:56 PM	dbo	3/9/2007 4:52:56 PM	wmsadmin	×
	STD1	STD1-板箱包個	3/9/2007 4:52:56 PM	dbo	3/9/2007 4:52:56 PM	wmsadmin	×
	STD2	STD2-優先配置包單位	1/28/2019 8:47:56 PM	dbo	1/28/2019 8:47:56 PM	wmsadmin	×
	PC	PC-個數配貨，沒有滿板滿箱邏輯	5/5/2020 9:37:40 AM	wmsadmin	5/5/2020 9:37:40 AM	wmsadmin	×
+ Add new record							
Edit	PreAllocateStrategy	DESCR	UOM	PreAllocatePickCod	AddDate	AddWho	EditDate
	00001	板-儲位編號小至大	1	cePRSTD01	4/29/2020 8:51:41 PM	wmsadmin	4/29/2020 8:51:41 PM
	00002	揀貨儲位-箱	2	cePRSTD12	3/9/2007 4:52:56 PM	dbo	3/9/2007 4:52:56 PM
	00003	SkuRotat,揀貨儲位優先,Qty小至大,LocLevel低至高,Loc小至大	2	cePRSTD02	3/9/2007 4:52:56 PM	dbo	3/9/2007 4:52:56 PM
	00004	揀貨儲位	6	cePRSTD16	9/9/2018 11:13:33 PM	wmsadmin	9/9/2018 11:13:33 PM
	00005	SkuRotat,揀貨儲位優先,Qty小至大,LocLevel低至高,Loc小至大	6	cePRSTD06	9/9/2018 11:14:04 PM	wmsadmin	9/9/2018 11:14:04 PM
	00002	至小/至高至低/至小/至大	2	cePRSTD08	11/13/2018 8:05:28 PM	wmsadmin	11/13/2018 8:05:28 PM
	00004	揀貨儲位	2	cePRSTD12	11/13/2018 8:05:28 PM	wmsadmin	11/13/2018 8:05:28 PM
	00003	至小/至高至低/至小/至大	2	cePRSTD03	11/13/2018 8:05:28 PM	wmsadmin	11/13/2018 8:05:28 PM



Picking Capabilities

◆ Route Plan

◆ Multiple picking methods

➤ Paper-based

- Single order
- Wave Batch
- Dispatch

➤ RF-based

➤ WES (AGV、ASRS)



Export to the selected format

- Export to the selected format
- Acrobat (PDF) file
- CSV (comma delimited)
- Excel 97-2003
- Rich Text Format
- TIFF file
- Web Archive

Wave Key: 000000004 Route: F170106001

SKUGROUP:

Loc	Sku	Descr	Lottable03	PL	cs	ea
AA031	BB003-1		I	0	33	4

Wave Sum Pick

Wave Key: 0000027852 Route: F150702048

SKUGROUP: ST0000N

Loc	Sku	Descr	Lottable03	PL	cs	ea
BB25-1A	D38183000	臺灣金中佳地膠膠帶1.5x30捲	0	32	0	
BB25-1A	D38183000	臺灣金中佳地膠膠帶1.5x30捲	0	4	0	
BG21-3A	D47280010	名貴特級小肉粽 1.5x30(20)	0	40	0	
BN27-3A	D47280020	名貴特級小肉粽 1.5x30(100捲裝)	0	36	0	
CE02-2A	D24203080	名貴特級鮮肉粽 1.5x30(17)	0	36	0	
CE04-2A	D24203080	名貴特級鮮肉粽 1.5x30(17)	0	36	0	
CE09-2A	D33193200	名貴特級鮮肉粽 1.5x30(捲裝)	0	36	0	
CH01-4A	D24203080	名貴特級鮮肉粽 1.5x30(17)	0	36	0	
CH12-3A	D24203080	名貴特級鮮肉粽 1.5x30(17)	0	36	0	
CJ07-1A	D81101000	名貴特級小肉粽 1.5x30(10000裝)	0	60	0	
CJ10-1A	D81101000	名貴特級小肉粽 1.5x30(10000裝)	0	60	0	
CH04-3A	D33193200	名貴特級鮮肉粽 1.5x30(捲裝)	0	36	0	

Note: BN15000988 預計 07/03 上午 10 點到貨。

Order Pick

Order Key: 0000315656

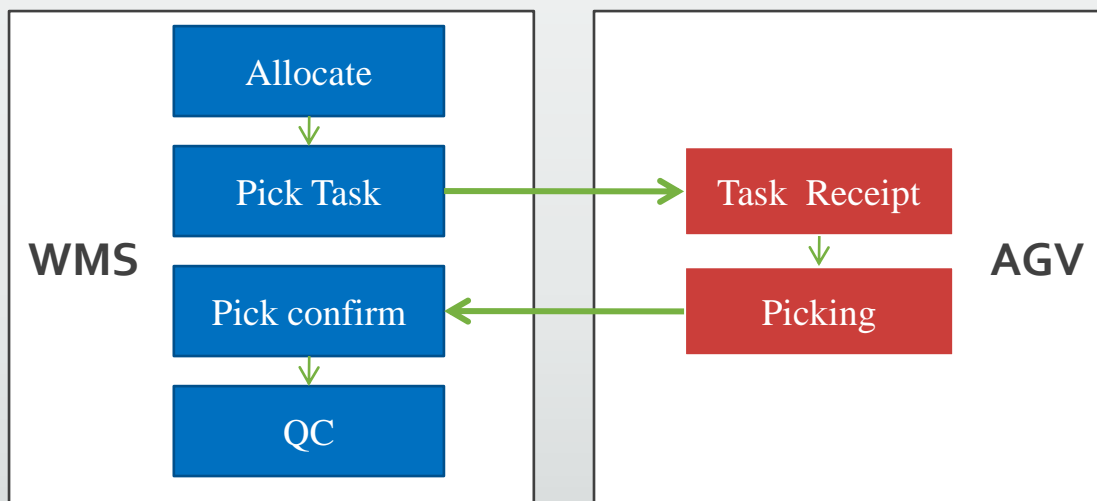
SKUGROUP: ST0000N

Loc	Sku	Descr	Lottable03	PL	cs	ea
AN14-2A	D78100100	名貴特級鮮肉粽 1.5x30(100捲裝)	11D	0	0	1
AN14-2A	D78100100	名貴特級鮮肉粽 1.5x30(100捲裝)	10B	0	0	1
AN14-2A	D78100100	名貴特級鮮肉粽 1.5x30(100捲裝)	11A	0	0	1
AN14-2A	D78100100	名貴特級鮮肉粽 1.5x30(100捲裝)	10B	0	0	1
AN14-2A	D78100100	名貴特級鮮肉粽 1.5x30(100捲裝)	11D	0	0	1
AO01-2A	D78100100	名貴特級鮮肉粽 1.5x30(100捲裝)	3D	0	1	0
LOST	D78100100	名貴特級鮮肉粽 1.5x30(100捲裝)		0	0	1
LOST	D78100100	名貴特級鮮肉粽 1.5x30(100捲裝)		0	0	1
LOST	D78100100	名貴特級鮮肉粽 1.5x30(100捲裝)	11A	0	0	1
LOST	D78100100	名貴特級鮮肉粽 1.5x30(100捲裝)	11A	0	0	1

AGV + AS/RS Picking

◆ Task Management

- Pick Task
- Pick Confirm
- Update Status



查詢區域						
倉庫*	倉主	記錄權類型*	任務新增日*			
RF-B7-2_瑞芳B7美妝倉	請選擇倉主	待發送/待回覆	2021/12/13 上午 12:00			
			2021/12/13 下午 11:59			
查詢任務號	WMS處理批次	<input type="checkbox"/> 不顯示查詢明細				
任務重送	狀態	任務序列號	撥貨任務號	倉庫編號	倉主編號	撥貨單編號
	已發送, 等待WES回傳結果 (2)	32c528de-4ff-4e1a-e6ba-029cb8d5ebf9	DO_0001621189	RF-B7-2	84308897	BINDCCA21121203079
	已發送, 等待WES回傳結果 (2)	6dcaecaf-fa56-45ad-9a49-3cb23e55e8db	DO_0001621217	RF-B7-2	84308897	BINDCCA21121202809
	已發送, 等待WES回傳結果 (2)	6dcaecaf-fa56-45ad-9a49-3cb23e55e8db	DO_0001621217	RF-B7-2	84308897	BINDCCA21121202809
	已發送, 等待WES回傳結果 (2)	1b272d5a-e757-40ee-badb-b43485b9af02	DO_0001621274	RF-B7-2	84308897	BINDCCA21121202884
	已發送, 等待WES回傳結果 (2)	e19a0a30-7a44-41db-9bbe-6fee184fd829	DO_0001624051	RF-B7-2	84308897	BINDCCA21121203980
	已發送, 等待WES回傳結果 (2)	e19a0a30-7a44-41db-9bbe-6fee184fd829	DO_0001624051	RF-B7-2	84308897	BINDCCA21121203980
	已發送, 等待WES回傳結果 (2)	1665ea86-adff-49d4-8213-07efe23d9d16	DO_0001624059	RF-B7-2	84308897	BINDCCA21121203952
	已發送, 等待WES回傳結果 (2)	1665ea86-adff-49d4-8213-07efe23d9d16	DO_0001624059	RF-B7-2	84308897	BINDCCA21121203952
	已發送, 等待WES回傳結果 (2)	5573950e-d1a5-4b3d-a9b2-2347296577a9	DO_0001621674	RF-B7-2	84308897	BINDCCA21121203034



Quality Control Workstation

◆ Check

➤ Quantity

➤ Serial Number

◆ Booking Note

◆ Packing List

◆ Monitor

Workstation : A01

1. Orderkey Restart Open

ExternOrderKey [test sound]

2. Box Barcode Specific:

3. Barcode / Chang Box

Current Box: **0** Checked Box: **0** Each

Checked: **3** EA QC開始

Pick qty: **3** EA Total Box: **0**

Descr: color: Item Barcode: Spare Item:

QC Each

Preview Lable Auto Print Arrival date Transport 新竹直運

Exit Details Delivery

QC	Detail	Orderkey	Externorderkey	sku	descr	Barcode	PickQty	QC	Qty	UOM	CS	EA	Barcode11	ALTSKU	SizeNar
▶		0000018602	6100222	A0001	測試1	A0001	1	0	-1	EA	0	1			
		0000018602	6100222	A0002	A0002測試	A0002	1	0	-1	EA	0	1			
		0000018602	6100222	A0003	Soul安雨元氣精華萃取液(食品		1	0	-1	瓶	0	1			



Loading and Shipping

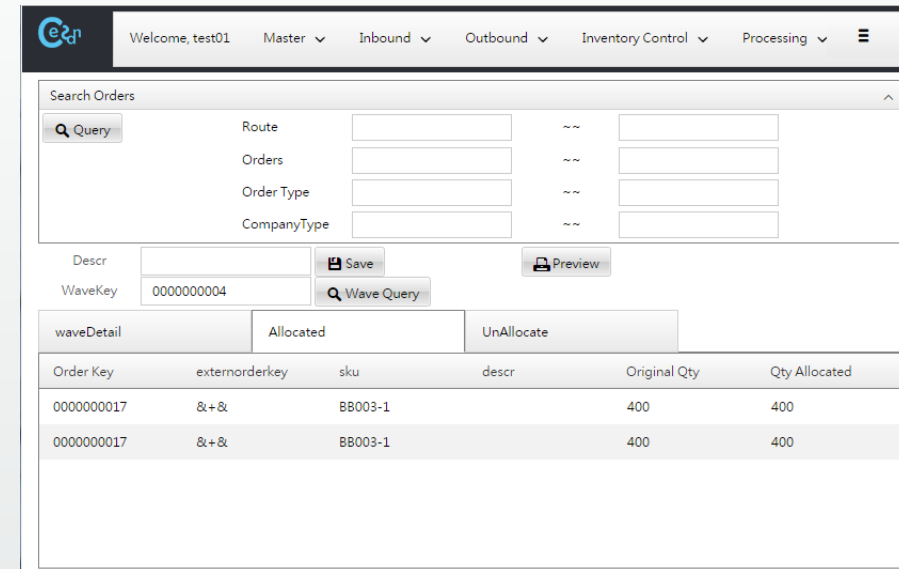
◆ Confirm shipments using workstation

- Ship by Order
- Ship by Wave
- Ship by Load

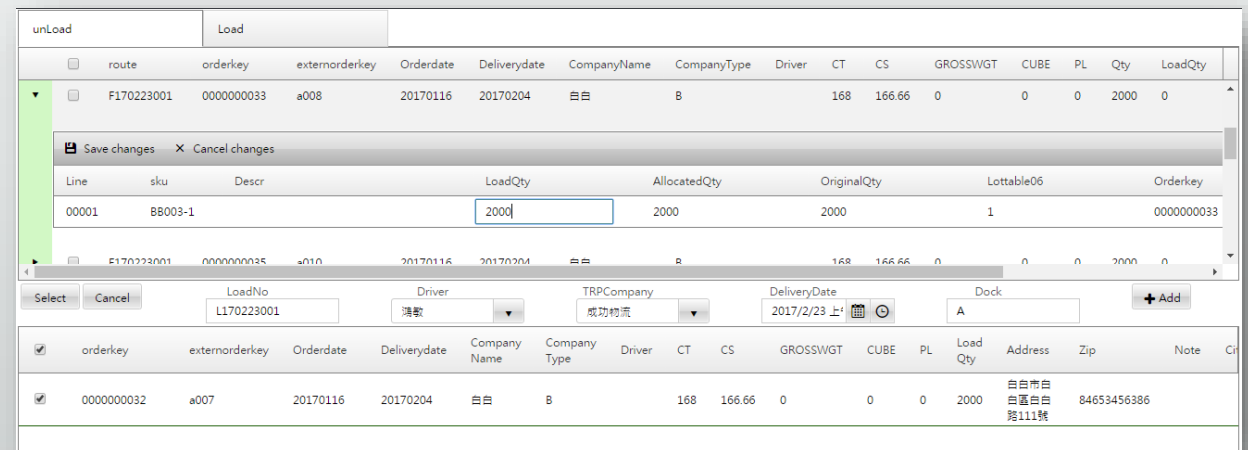
◆ Loading By orders

◆ Tracking

- truck detail
- driver name
- date/time



Order Key	externorderkey	sku	descr	Original Qty	Qty Allocated
0000000017	&+&	BB003-1		400	400
0000000017	&+&	BB003-1		400	400



Line	sku	Descr	LoadQty	AllocatedQty	OriginalQty	Lottable06	Orderkey
00001	BB003-1		2000	2000	2000	1	0000000033




orderkey	externorderkey	Orderdate	Deliverydate	Company Name	Company Type	Driver	CT	CS	GROSSWGT	CUBE	PL	Load Qty	Address	Zip	Note	Crt
0000000032	a007	20170116	20170204	白白	B		168	166.66	0	0	0	2000	白白市白白區白白路111號	84653456386		

Shipping Documentation



Load Sum List

Load No: L200422005 Transport: 震輝通運 User: emily
 Ship Date: 20200422 Driver: 自取 Dock:

SHIP FROM: 800 Corporate Way Fremont, CA 94539	SHIP TO: Amazon.com.dedc LLC Attn Receiving 1760 County Line RdLakeland, FL 33811 802536333811
 80253	CARRIER NAME CEVA PRO: ACI0010888
PURCHASE ORDER(S): 7BG1QZRQ PO BARCODE: 	
UPC# 886227469437 QTY: 1 CARTON# 26 of 26	
Serial Shipping Container Code (SSCC)  (00)008862274150003994	

PL# 1

公司

0000000046 / SG202004220005

Receiver	Box	Totol EA	Volume	Weight
王朝飯店員工	6	18	0	121.38
格IKEA停車場	8	19	0	119.55
佳玉 #116	1	12	0	3.4
收貨到中午 佳玉 #116	17	60	0	167.71
收貨到中午 佳玉 #116	10	56	0	67.77

Wave Sum Pick

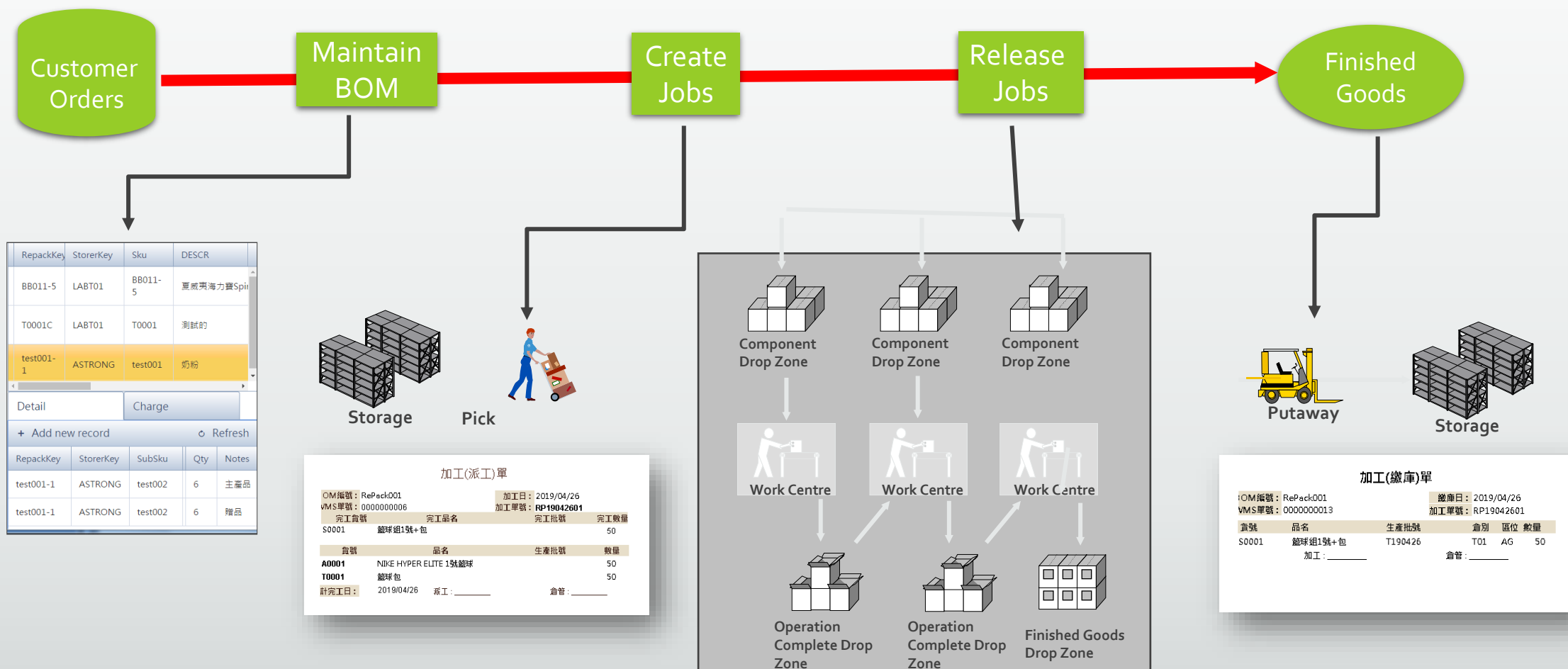
Wave	Wave Key	Route	Loc	Sku	Descr	Lot	PL	ca	es
SKUGROUP	000027852	F150702048	5TD000N						
BB25-1A	D38183000				臺灣金中佳地膠1.8KG捲	11D	0	32	0
BB25-1A	D38183000				臺灣金中佳地膠1.8KG捲	11D	0	4	0
BG21-3A	D47280010				名貴地膠1.8KG捲	11A	0	40	0
BN27-3A	D47203000				名貴地膠1.8KG捲	11A	0	36	0
CE02-2A	D26203080				名貴地膠1.8KG捲	11A	0	36	0
CE04-2A	D26203080				名貴地膠1.8KG捲	11A	0	36	0
CE09-3A	D33193200				名貴地膠1.8KG捲	11A	0	36	0
CH01-4A	D26203080				名貴地膠1.8KG捲	11A	0	36	0
CH12-3A	D26203080				名貴地膠1.8KG捲	11A	0	36	0
CJ07-1A	D81101000				名貴天然小磚10000張	11A	0	60	0
CJ10-1A	D81101000				名貴天然小磚10000張	11A	0	60	0
CM04-3A	D33193200				名貴地膠1.8KG捲	11A	0	36	0

Note: BN15000988 將於 07/02 上午 10 點前到貨。

Order Pick

Order	Order Key	Loc	Sku	Descr	Lot	PL	ca	es
SKUGROUP	000015656	5TD000N						
AN14-2A	D78100100			名貴地膠1.8KG捲	11D	0	0	1
AN14-2A	D78100100			名貴地膠1.8KG捲	10B	0	0	1
AN14-2A	D78100100			名貴地膠1.8KG捲	11A	0	0	1
AN14-2A	D78100100			名貴地膠1.8KG捲	10B	0	0	1
AN14-2A	D78100100			名貴地膠1.8KG捲	11D	0	0	1
AO01-2A	D78100100			名貴地膠1.8KG捲	3D	0	1	0
LOST	D78100100			名貴地膠1.8KG捲		0	0	1
LOST	D78100100			名貴地膠1.8KG捲		0	0	1
LOST	D78100100			名貴地膠1.8KG捲	11A	0	0	1
LOST	D78100100			名貴地膠1.8KG捲	11A	0	0	1

Work Order



Workstation

● Inventory Management

- Stock Query
- Stock Move
- Print ID Label



● Inbound /outbound

- Quality Control
- Load Confirm
- Return Confirm

Phases

Key Activities

Objectives

INITIATE

Scope Definitions
Budgeting
Initial Implementation Plan

Develop the deliverables required to setup and organize the projects

DESIGN

Requirement Confirmation
Best Practices Sharing
Solution Blueprint & Pre-Testing

To discuss best practices, confirm the requirements, any uncertain technical issues to be looked at in this phase to minimize risk. Develop & publish of blueprint

BUILD

Configure the system
Develop the interfaces
Testing & Training Environment

To complete the designed solution and develop the software and operating components based on the blueprint

DEPLOY

Complete Site Preparations
Acceptance Tests
Production Environment

To Install the test and production environment. To complete all preparations, testing, acceptances, training & deliverables.

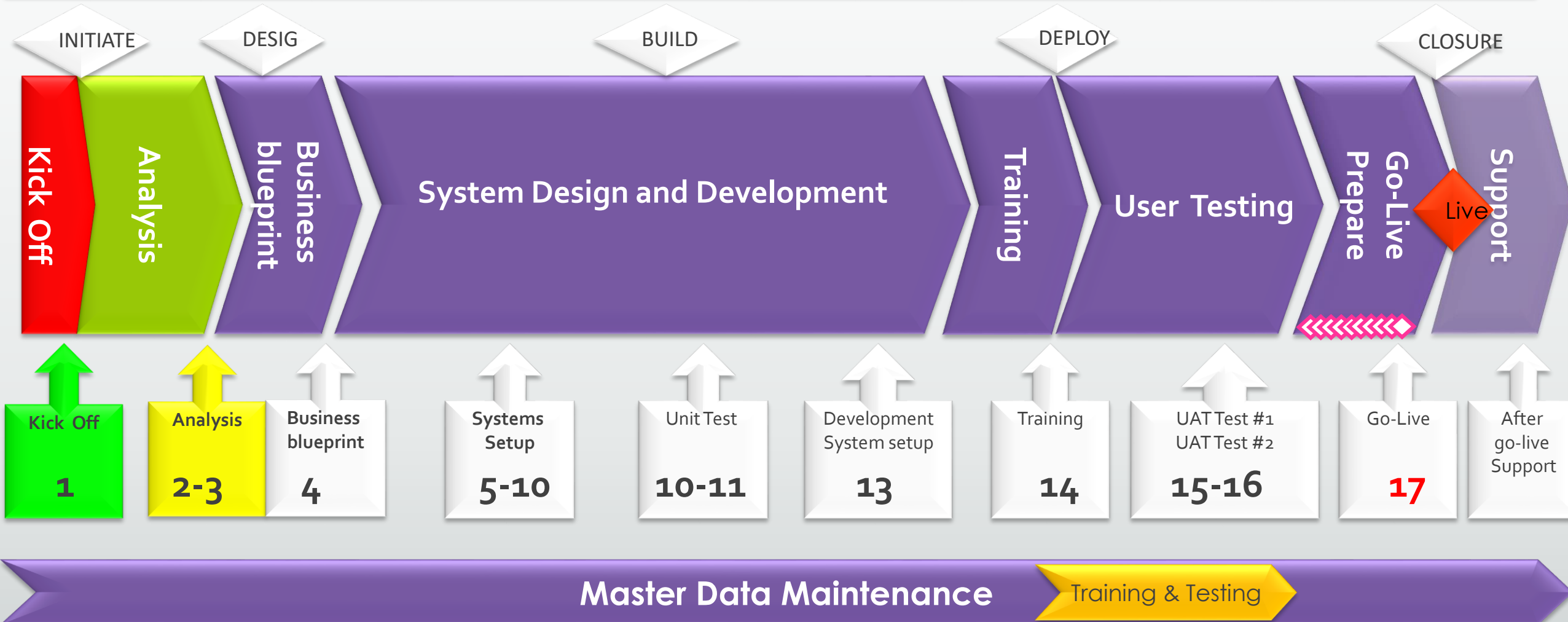
LOSUREC

System Goes Live
On site support
Transition to Support

To provide on site support during system goes live, establish after live support structure.



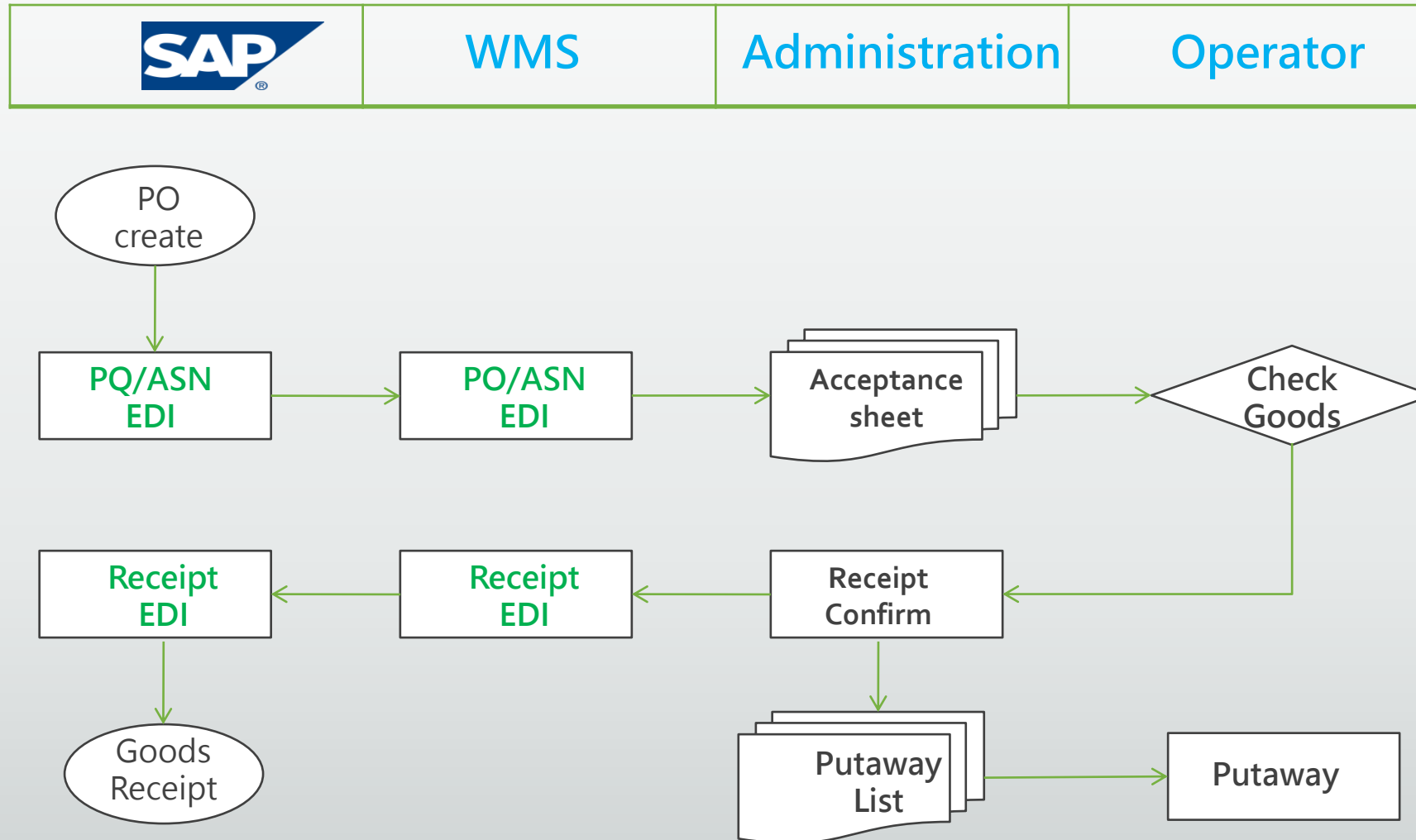
Project schedule (week)



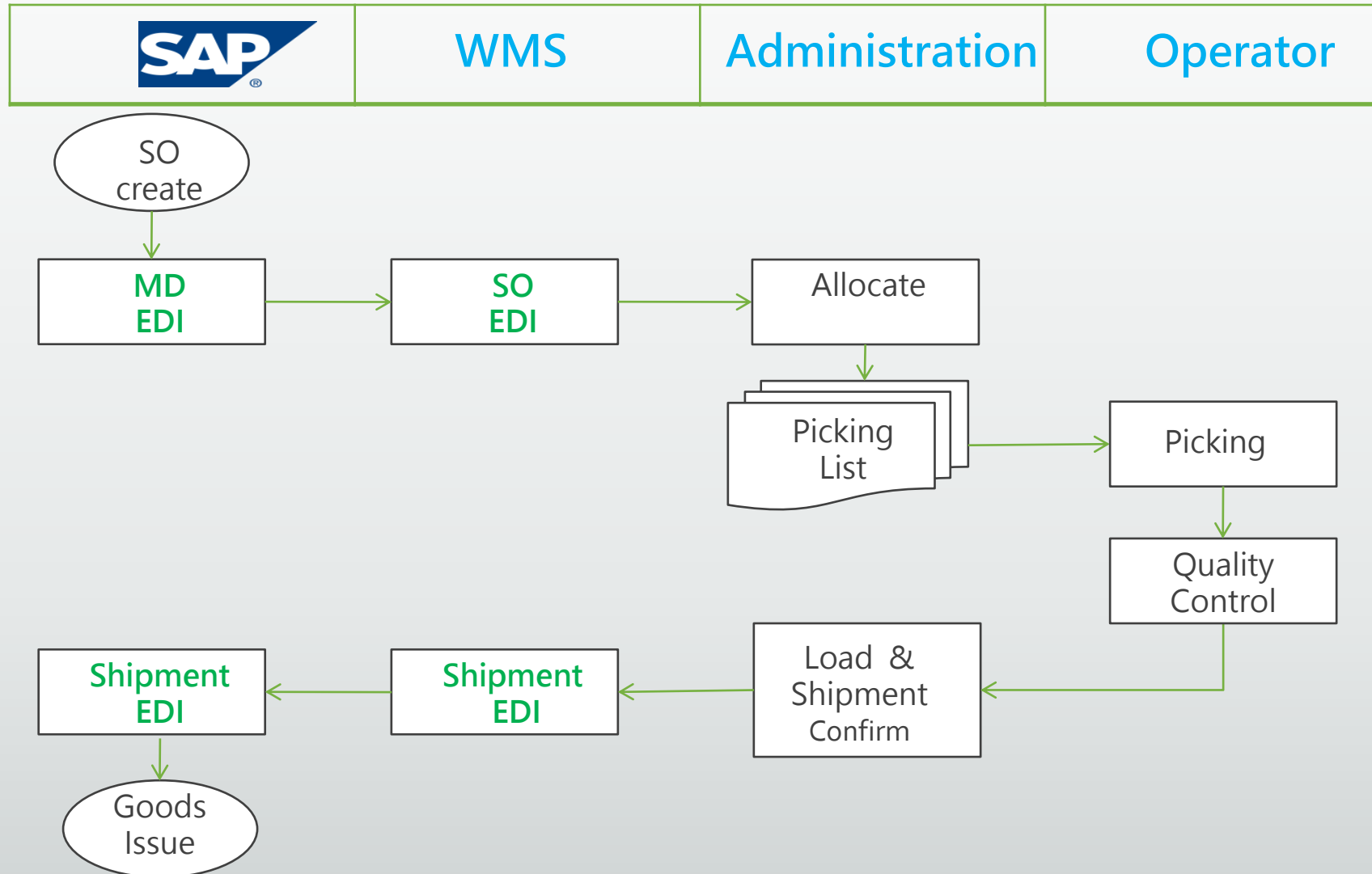
Standard Interfaces



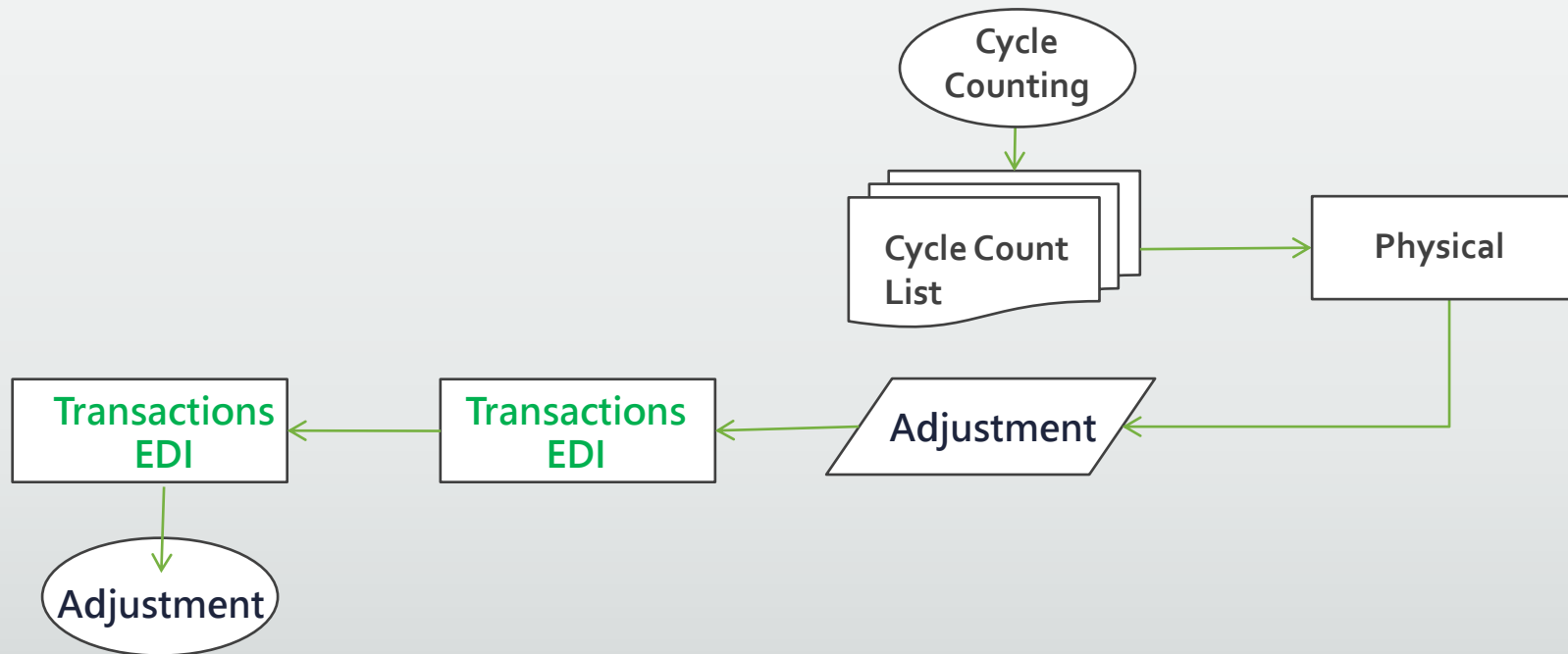
Inbound Process



Outbound Process



Inventory Transactions



Q & A

