

JUNBIKI PART ORDER (JPO) SYSTEM

System Guideline

(for supplier)

Version 1

Approved by

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Phase	System Guideline				Page		
Document	i. Scope of Function			Created	23-Sep-16	By	TMMIN) Riski A
				Revised		By	

1. Main Function of Junbiki Part Order (JPO)

NO	MODULE	FUNCTION NAME	FUNCTION DESCRIPTION
1	Order Instruction	Fix Order Monitoring	To get realtime Junbiki order from TMMIN vehicle to Supplier. The feature of Fix Order Monitoring function are a. Order Inquiry, automatic order inquiry to junbiki supplier based supplier login b. On/Off auto print, user can to active manual or automatic order printing c. Historical Order Inquiry d. Historical Offset printing each part group e. Download to excel format
2	Order Instruction	Pre Order Monitoring	To get realtime vehicle information based on Toso-in tracking to inform at supplier side about production condition. The feature of Pre Order Monitoring function are : a. Order Inquiry, automatic order inquiry to junbiki supplier based supplier login b. On/Off auto print, user can to active manual or automatic order printing c. Historical Order Inquiry d. Historical Offset printing each part group e. Download to excel format
3	Order Instruction	ECI Management	To input actual stock at supplier side based on ECI registration information created by TMMIN logistics The feature of ECI Management are : a. Stock supplier input based to be procced by system and get 100% accuracy implemented b. ECI rundown progress and sequence implementation c. Auto remainder to supplier, if ECI part will be implemented
4	Order Instruction	Andon Pre and Fix Order	to showed order instruction based on supplier and part group. Supplier can to utilize at each line production to accelare process. The feature of Andon Pre and Fix Order are : a. Easy to access order and auto get data b. Responsive ando screen, can use a mobile device
5	Administration	Order Inquiry	to download data manifest each delivery to TMMIN. The feature of Order Inquiry are : a. Notice order each manifest to input all stakeholder b. Offset part order implementation and ready to download (pdf format) c. EO (emergency order) manifest download (pdf format) d. History data manifest based on production date
6	Administration	Scan Delivery	scan manifest delivery as trigger Junbiki delivery

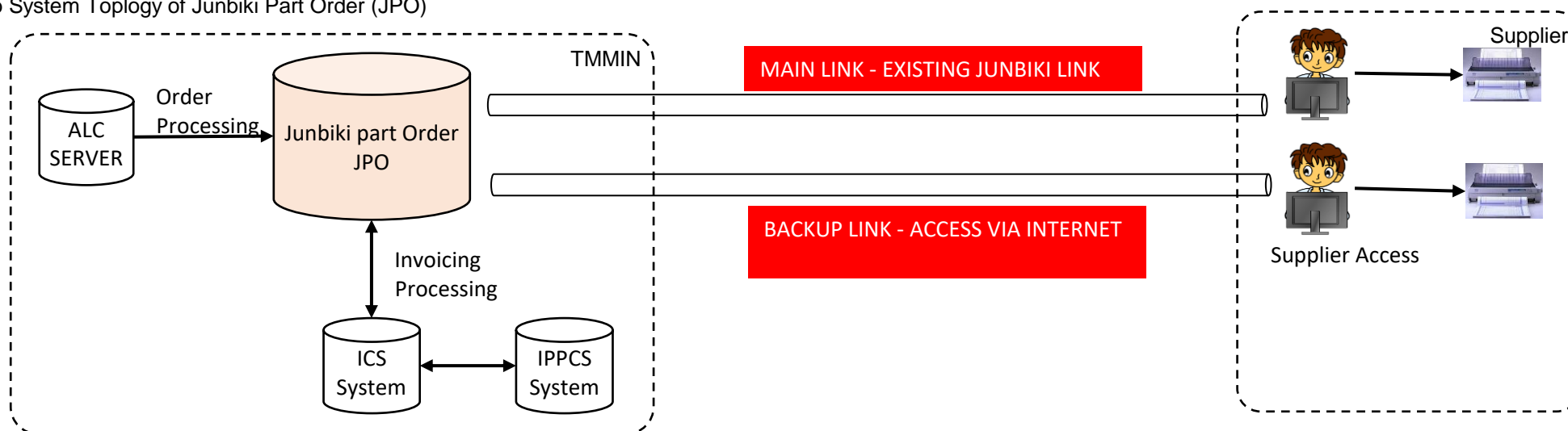
Phase	System Guideline			Page	
Document	ii. System Requirement	Created	23-Sep-16	By	TMMIN) Riski A
		Revised		By	

1. System Requirement Spesification

a. Junbiki Part Order (JPO) is a system processing base on web presentation. User can to access JPO system via web browser like : Mozilla Firefox, Google Chrome or Internet E

No	Web Browser	Minimum Version	Auto Print	Noted
1	Mozzila Firefox	Version 12.0 (release : April 24, 2012) http://website-archive.mozilla.org/www.mozilla.org/firefox_releasenotes/en-US/firefox/12.0/releasenotes/	Yes	Recommended
2	Google Chrome	Version 30.0.1599 (release : October 01, 2013) https://en.wikipedia.org/wiki/Google_Chrome_version_history\	No	
3	Internet Explorer	Version 8.0 (release : 2009) https://en.wikipedia.org/wiki/Internet_Explorer_8	No	

b System Toplogy of Junbiki Part Order (JPO)



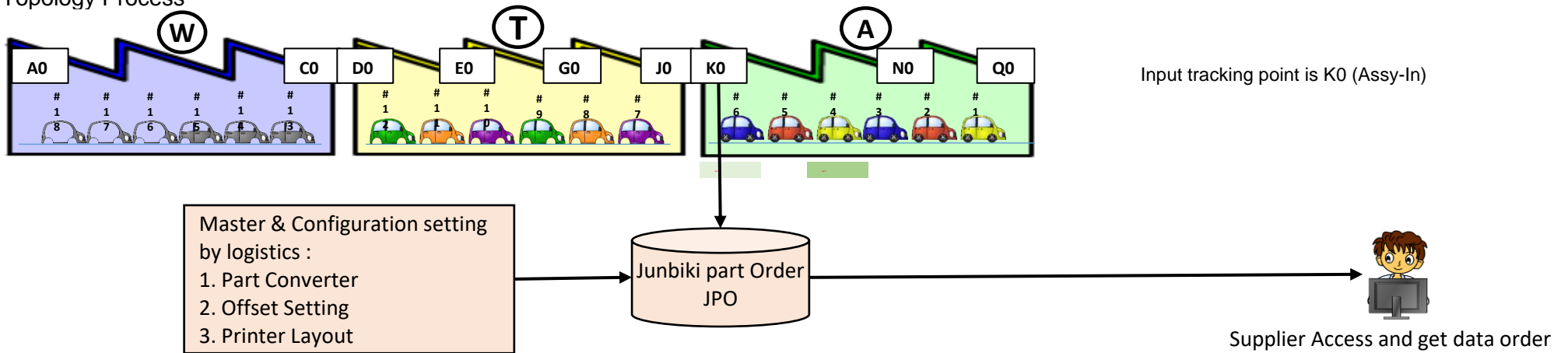
JPO can be access with two methode :

1. Access via Junbiki link connection. IS TMMIN will informed switch port and PC IP Address.
2. Access via Internet. Supplier will be open access to JPO system

Note :

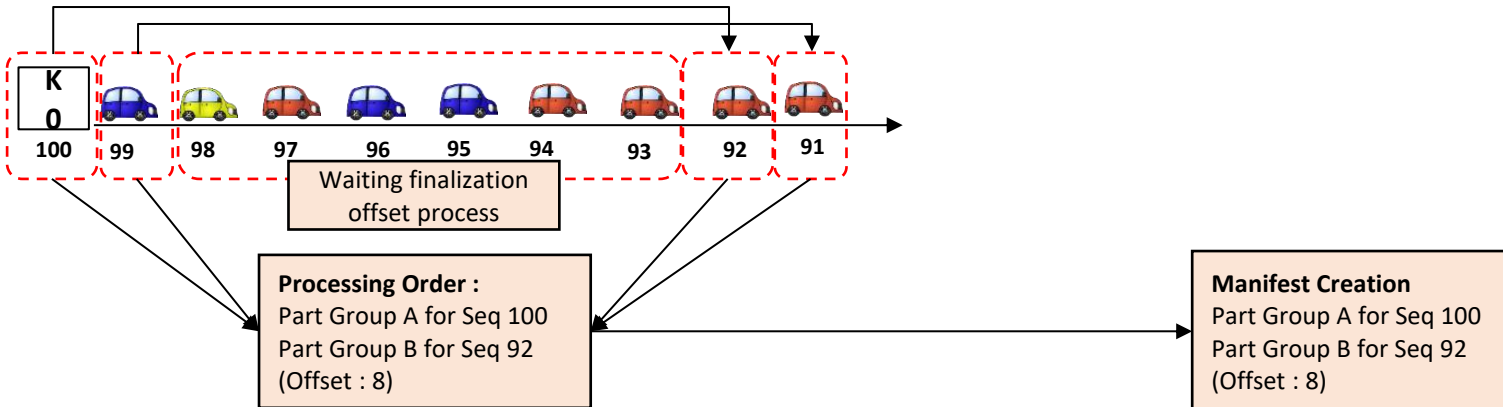
All user name and password will be inform separately, Please contact IS TMMIN

A. Topology Process



B. Offset Instruction

JPO system already implemented the Offset order configuration each part group. It's mean that supplier can to receive order depending on offset setting at JPO master



It's mean :

Sequence order not have same each part group.

for details information, please contact logistics administration

Explanation :

1. Supplier already receive order Part Group A for vehicle sequence 100 and Part Group B for vehicle sequence 92
2. Supplier already receive order Part Group B for vehicle sequence 99 and Part Group B for vehicle sequence 91
3. Sequence 93 s/d 98 is waiting finalization offset process for sequence 101 s/d 107 (sequence 101 s/d 107 not scanning K0 yet)

C. User Operation

1. Login to JPO system with username and password each supplier

PT. TMMIN - JUNBIKI

Notification alert

View Log

Welcome, User TMMIN

Search ...

Administration

Supplier Instruction

New Master

Andon

KPI And Report

Simulation

Menu > Home

Supplier Announcement

ECI Announcement

NO	Announcement	Submit By	Submit Date	Expired Date
1	ECI Draft has been created with ECI number : 4160900048 . Please click here for further information	0191019.JPO_Andi	9/22/2016 1:31:56 PM	9/27/2016 1:31:00 PM

EO Announcement

NO	Announcement	Submit By	Submit Date	Expired Date
1	EO draft has been created with manifest number : E41600000001 . Please click here for further information	SYSTEM	9/23/2016 4:48:19 PM	9/28/2016 4:48:00 PM

PROJECT Announcement

NO	Announcement	Submit By	Submit Date	Expired Date
No Project Information				

Order Monitoring Status

Order Monitoring

JOB Monitoring Karawang Plant 1

Running

Layanan Bantuan

021-651 5551 ext.5512, 5252

admin.jpo@toyota.co.id

Helpdesk Information

Supplier Announcement if any ECI information, EO information and Project Information

JPO system have 6 main menu. For details are :

No	Main Menu	Sub Menu	Description	User Authorization
1	Administration	Manifest Receiving Pickup Good Receiving Monitoring Order Inquiry Scan Delivery	to scan manifest paper delivered by supplier to tracking order status to approve manifest and posting action to download manifest based on order instruction to scan manifest that inform manifest will be delivered	TMMIN TMMIN TMMIN Supplier Supplier
2	Supplier Instruction	Fix Order Monitoring Pre Order Monitoring Management ECI Emergency Order (EO)	to inquiry, printing or download Junbiki order to inquiry, printing or download pre Junbiki order to create and configuration ECI to create and configuration EO	Supplier Supplier Supplier / TMMIN Supplier / TMMIN
3	New Master	Part Conversion Vehicle Part Group Cutover Timing Project Part Group Mapping BC Print Layout Truck Delivery Supplier	to upload converter master to mapping basic configuration to register and configuratio project to register part group junbiki to setting print layout to register junbiki truck delivery to register junbiki supplier	TMMIN TMMIN TMMIN TMMIN TMMIN TMMIN TMMIN

4	Andon Order	Andon Pre / Fix Order Andon Outdoor (Production) Andon KanbanRoom	to display order instruction to display Junbiki stock each part group to display details information (WIP, junbiki delivery)	TMMIN TMMIN TMMIN
5	KPI and Report	Cripple Report Achievement Shortage and Misspacking Supplier Performance Line Stop Visualization	to display cripple report junbiki to display shortage and misspacking junbiki to display supplier junbiki performance (delay or advance) to display line stop information caused by junbiki	TMMIN TMMIN TMMIN TMMIN
6	Simulation	Simulation Order	to simulate order instruction	TMMIN

2. Choose Fix Order Monitoring Menu if source : Actual

PT. TMMIN - JUNBIKI

View Log

1

Welcome, User TMMIN

Menu > JPO020103

Fix-Order Monitoring

Supplier* ASAHIMAS FLAT GLASS

Supplier Plant Code* 5015 - 1

TMMIN Plant* Karawang Plant 1

Auto Print ☐ OFF

Manual Print

Print

Download

Manual Download

Auto Print Activation

Supplier Information

Supplier Route Information

Route* ASAHIMAS

Vehicle Qty 8

Unit

Part Group* All

List of Junbiki Part Group

Production date information 24.09.2016 - 24.09.2016

Source ☒ Actual ☐ History

Vehicle Qty each delivery

Trigger order and search data

Methode of order inquiry
Actual : realtime from ALC
History : previous order need to print

Last Receive ALC Data :2016-09-24 Time : 13:29:00

Search

Clear

Part group: GLASS B/D						Part group: WSLD					
Seq	Suffix	Model	Color	Part code	Info+	Seq	Suffix	Model	Color	Part code	Info+
217	8L	VAN	218	STD	Standard	217	8L	VAN	218	STD	Standard
216	6O	SUV	040	CBL	Clear, Black, Deffogger	216	6O	SUV	040	WLHD	Clear
215	6O	SUV	1D6	CBL	Clear, Black, Deffogger	215	6O	SUV	1D6	WLHD	Clear
214	8L	VAN	040	STD	Standard	214	8L	VAN	040	STD	Standard
213	1D	CIV	1G2	DRD	Black, Crom,	213	1D	CIV	1G2	WLHD	Clear

Showing 1 to 10 of 187 row(s)

First Prev 1 2 3 4 Next Last

Go

Size 10

Order information : Sequence, Suffix, Model, Color, Part Code and information

3. How to search history data order

PT. TMMIN - JUNBIKI

View Log

1

Welcome, User TMMIN

Menu > JPO020103

Fix-Order Monitoring

Supplier*

ASAHIMAS FLAT GLASS

Supplier Plant Code *

5015 - 1

TMMIN Plant *

Karawang Plant 1

Auto Print

III OFF

Route *

ASAHIMAS

Seq From

To

Part Group *

All

Offset Print

III OFF

Order Date

24.09.2016 - 24.09.2016

Source

☐ Actual ☒ History

Last Download ALC Data :2016-09-24 Time : 07:29:00

Print

Download

Search

Clear

Part group: GLASS B/D

Seq	Suffix	Model	Color	Part code	Info+
033	6L	SUV	1D6	CCR	Clear, Crom, Deffoger
032	8T	VAN	1G3	DEF	Defogger
031	6O	SUV	218	CBL	Clear, Black, Deffoger

Showing 1 to 3 of 3 row(s) First Prev 1 Next Last

Part group: WSLD

Seq	Suffix	Model	Color	Part code	Info+
033	6L	SUV	1D6	WLHD	Clear
032	8T	VAN	1G3	STD	Standard
031	6O	SUV	218	WLHD	Clear

Size 10

Production date for history order

Sequence input for re-print or re-download order junbiki

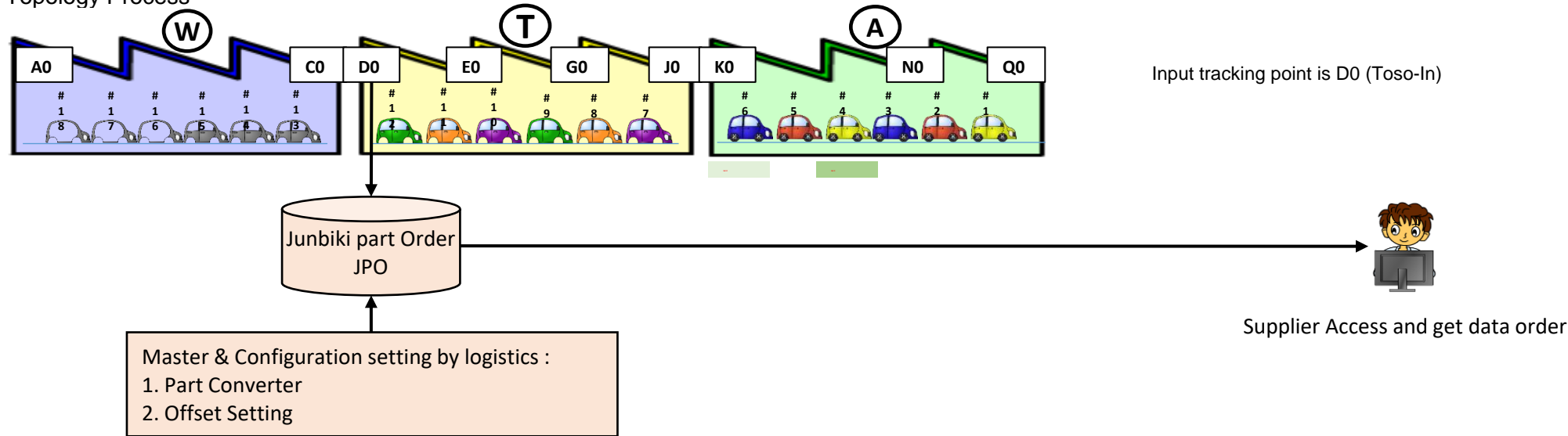
Activation Offset Print for history data

Order history result

IMPORTANT

1. Each Junbiki order printed or download, will be sent automatic to history data. So, please choose the history data
2. If need for auto print activation, please see the guideline how the configure auto print at JPO system

A. Topology Process



B.Offset Instruction

No offset configuration at Pre-Order Instruction

C.User Operation

Pre-Instruction Screen

Supplier *

ASAHIMAS FLAT GLASS

Supplier Plant *

5015 - 1

Order Date

TMMIN Plant *

4 - Karawang Plant 1

Part Group *

RQRH

Last Receive ALC Data : Time :

Download

Search

Clear

Phase	System Guideline				Page		
Document	ii. Eci Managment			Created	25-Sep-16	By	TMMIN) Riski A
Purpose : to describe ECI Management				Revised		By	

A. Topology Process

ECI (Engineering Change Information) already implemented at JPO system. ECI has divided by 2 method are ECI part by part and ECI converter.

1) ECI part by part : ECI method impacted by one part number

Information	1B	1C	1D	1F	2A	2D	2F	3D	3F	5L	6K	8L	I0	4L	5K	6M	9L	9K
Old 676400KB10C4	SOP	SOP		SOP	SOP	SOP	SOP	SOP	SOP			SOP	SOP		SOP	SOP		
New 676400KB11C4			SOP							SOP	SOP	SOP		SOP			SOP	SOP

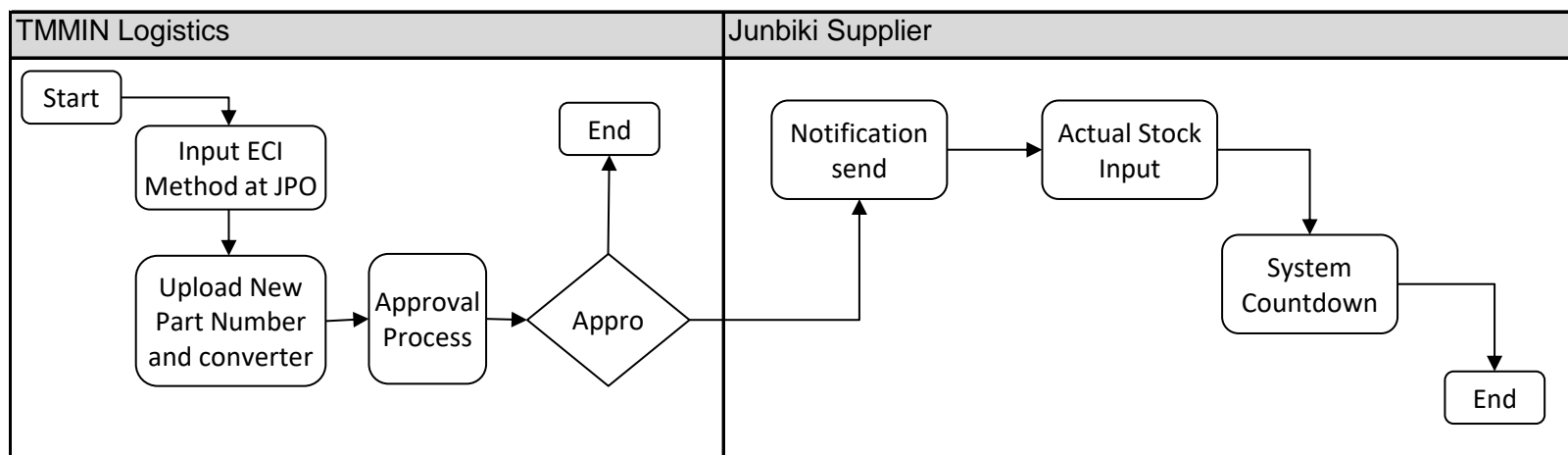
← New Converter

2) ECI converter : ECI method impacted by multi part number

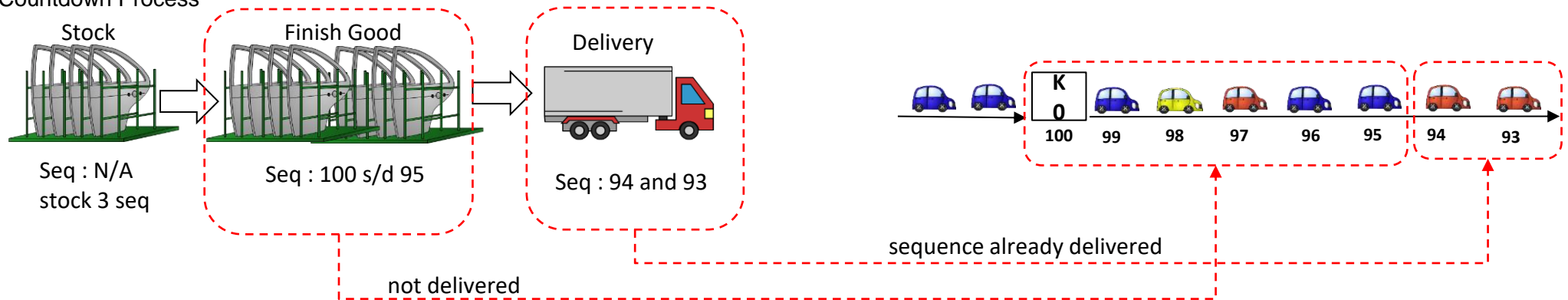
Information	1B	1C	1D	1F	2A	2D	2F	3D	3F	5L	6K	8L	I0	4L	5K	6M	9L	9K
Old 676400KB10C4	SOP	SOP		SOP	SOP	SOP	SOP	SOP	SOP			SOP	SOP		SOP	SOP		
New 676400KB11C4			SOP							SOP	SOP	SOP		SOP			SOP	SOP
New 676400KB12C4		SOP						SOP										
New 676400KB13C4	SOP			SOP	SOP										SOP			
New 676400KB13C4						SOP	SOP						SOP			SOP		

← New Converter

B. Flow Process ECI Operation



C. Countdown Process



Initial condition :

No	Sequence	Stock Inventory	Sequence K0
Step 1	95 (Last Sequence Inventory)	8 Sequence	100
Step 2	101	1 Sequence	101
Step 3	102	0 Sequence	102

Note :

New part number will be implemented at Seq 102 order

D. User Operation

The screenshot shows the 'ECI Management' web application interface. The top navigation bar includes a 'Menu' button and the user ID 'JPO020105'. The main heading is 'ECI Management'. Below the heading, there is a 'Searching Criteria' section with a red dashed border. It contains four dropdown menus: 'Supplier*' (ASAHIMAS FLAT GLASS), 'TMMIN Plant*' (4 - Karawang Plant 1), 'Supplier Plant*' (5015-1), and 'Project*' (LIKE EARTH). To the right of these are two more dropdowns: 'ECI Status' (-- Choose --) and 'ECI Type' (-- Choose --). Below the searching criteria, there are three buttons: 'Download', 'Download Template', and 'Upload'. In the center, there is a yellow callout box labeled 'Approved ECI' pointing to the 'Approve ECI' button. To the right of the 'Approve ECI' button are three more buttons: 'Input Stock' (highlighted with a yellow callout box labeled 'Input stock actual supplier'), 'Delete', and 'Search'. To the right of the 'Search' button is a 'Clear' button. Below the buttons is a table with the following columns: 'ECI No', 'Supplier', 'Project Code', 'Stock Qty' (with sub-columns 'Rundown' and 'Ori'), 'Last Seq No' (with sub-columns 'Rundown' and 'Ori'), 'ECI Status', 'ECI Type', 'Created By', 'Date', and 'By'. The table is currently empty. At the bottom, there is a pagination bar showing 'Showing 0 to 0 of 0 row(s)' and navigation buttons: 'First', 'Prev', '1' (selected), 'Next', 'Last', and a 'Go' button. There is also a 'Size' dropdown set to '10'.

User Authorizator for ECI Management

No	User Operation	User Details	User PIC
1	ECI Creation	ECI method Upload New Part Number Approval new converter	TMMIN TMMIN TMMIN
2	Input Stock	ECI input Last Sequence ECI input actual stock	Supplier Supplier

If TMMIN user already created the ECI draft, system will be showed at supplier announcement information

UNBIKI

View Log

3

Welcome, User TMMIN

Menu > Home

Supplier Announcement

ECI alert

3 Notifications

ECI Announcement 2

EO Announcement 1

See all notifications →

JOB Monitoring Karawang Plant 1

Running

Layanan Bantuan

021-651 5551 ext.2353, 2367

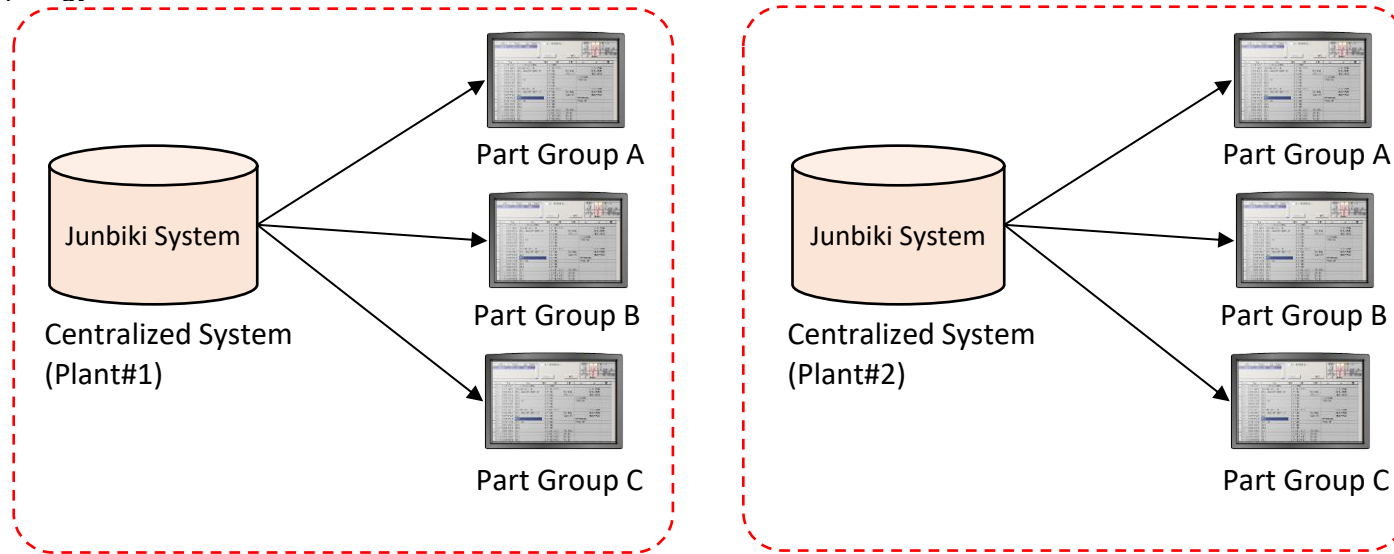
NO	Announcement	Submit By	Submit Date	Expired
1	ECI Draft has been created with ECI number : 4160900048 . Please click here forfurther information	0191019.JPO_Andi	9/22/2016 1:31:56 PM	9/27/2016 1:31:00 PM
2	ECI Draft has been created with ECI number : 4160900049 . Please click here forfurther information New	USERJPO01.JPO_USER	9/26/2016 7:55:37 AM	10/1/2016 7:55:00 AM
3	ECI Draft has been created with ECI number : 4160900049 . Please click here forfurther information New	USERJPO01.JPO_USER	9/26/2016 7:55:38 AM	10/1/2016 7:55:00 AM

ECI Information

Input stock at supplier :

ECI No *	4160900049	Current Stock *		Input current stock
Supplier *	5015-1 ASAHIMAS FLAT GLASS	Last Seq No *		Input last sequence
TMMIN Plant *	Karawang Plant 1	Reminder Qty *		Remainder alert
Project *	LIKE EARTH			

A. Topology Process



Note :

Supplier can utilized andon visualization figure for each process

B. User Operation

Login to JPO system, choose Andon Order and Andon Pre and Fix Order.

Please Input Mandatory parameter for

'supplier' , 'supplier plant' , 'plant' and 'order mode'

Supplier * : -- Choose -- **Supplier Plant * :** -- Choose -- **Plant * :** -- Choose -- **Order Mode * :** -- Choose -- **GO**

Supplier Code
Input

Supplier Plant Code
Input

TMMIN Plant

Order Mode : FIX
or PRE

for show total of part group, please click button "Go"

	WSLD	FIXLH	
	FDRLH	FDRRH	
	GLASS B/D	RDRLH	
	RDRRH	RQLH	
	QTRLH	QTRRH	
	RQRH	FIXRH	

List of Part Group registered on
JPO system

Note :

Part Group that showed on the andon is active part group each current project. If any major change project to change junbiki part group, supplier should be reset JPO andon

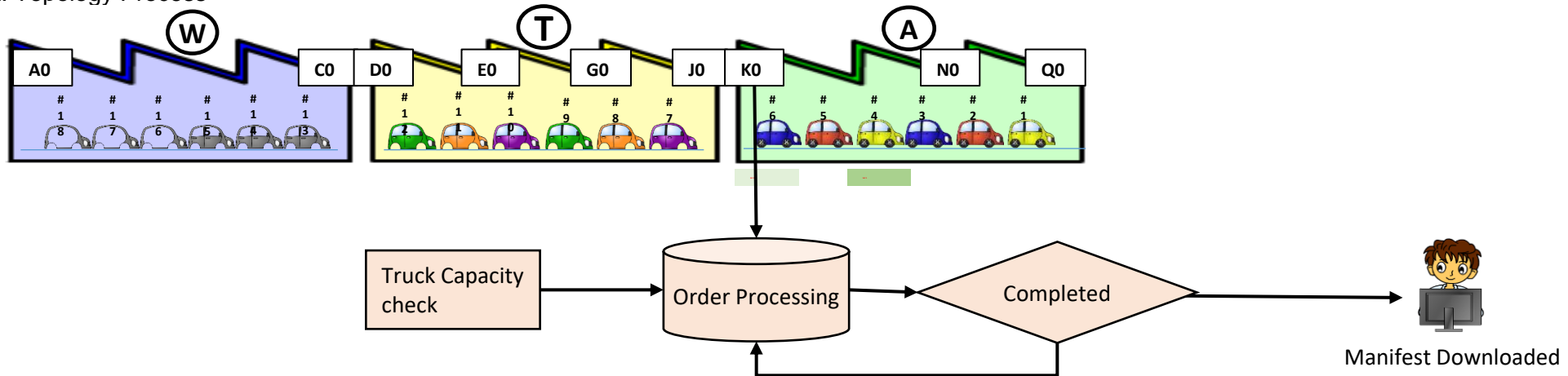
Andon main menu, choose the Fix Order

WSLD				Fix Order	2016-09-26 07:27:02
SEQ No	SFX	MODEL	COLOR	PART	Additional Info+
584	LX	VAN	070	RB	Standard Black
583	1D	SUV	040	QBCR	Black, Crom Garnish
582	8L	VAN	218	RB	Standard Black
581	P9	SUV	070	QCR	Clear, Crom Garnish
580	6L	SUV	1D6	QCR	Clear, Crom Garnish
579	8L	VAN	040	RB	Standard Black
578	1G	SUV	040	QBCR	Black, Crom Garnish
577	8T	VAN	218	RB	Standard Black

Note :

This andon ONLY support for one part group each supplier. Cannot display multi partgroup visualization

A. Topology Process



Manifest can be downloaded if sequence truck delivery already full filled each supplier

B. User Operation

Order Inquiry

Supplier *
ASAHIKAS FLAT GLASS

Route *
ASAHIKAS

Manifest No

Supplier Plant *
5015-1

Creation Date *
26.09.2016 - 26.09.2016

Order Type
-- Choose --

TMMIN Plant *
Karawang Plant 1

Order Rit

Source ☒ Actual ☐ History

Download View Detail Show detail

Search Clear

	Creation Date	Manifest No	Order No.	Supplier Plant Code	Supplier Name	Dock Code	Unit	Order Qty	Manifest
<input type="checkbox"/>	26.09.2016 00:41:54	416000000912	20160925018	5015 - 1	ASAHIKAS FLAT GLASS	42 - 5	8	96	PDF
<input type="checkbox"/>	26.09.2016 00:58:07	416000000919	20160925019	5015 - 1	ASAHIKAS FLAT GLASS	42 - 5	8	96	PDF
<input type="checkbox"/>	26.09.2016 01:09:59	416000000929	20160925020	5015 - 1	ASAHIKAS FLAT GLASS	42 - 5	8	96	PDF
<input type="checkbox"/>	26.09.2016 01:23:18	416000000935	20160925021	5015 - 1	ASAHIKAS FLAT GLASS	42 - 5	8	96	PDF
<input type="checkbox"/>	26.09.2016 01:40:26	416000000942	20160925022	5015 - 1	ASAHIKAS FLAT GLASS	42 - 5	8	96	PDF
<input type="checkbox"/>	26.09.2016 01:54:43	416000000952	20160925023	5015 - 1	ASAHIKAS FLAT GLASS	42 - 5	8	96	PDF
<input type="checkbox"/>	26.09.2016 02:08:15	416000000958	20160925024	5015 - 1	ASAHIKAS FLAT GLASS	42 - 5	8	96	PDF

Showing 1 to 10 of 22 row(s) First Prev 1 2 3 Next Last Go

Size 10

Searching criteria

Manifest Information

C. Manifest Format

Junbiki Manifest format is yokoten from regular part manifest

PT Toyota Motor Manufacturing Indonesia

PLANT	DOCK
Karawang Plant 1	42 - 5

Junbiki Dock + TS

PLANNING RECEIVING
26-Sep-2016 01:10

SUPPLIER MANIFEST JUNBIKI

Manifest Number



MANIFEST NO
416000000912

SUPPLIER NAME	SUPPLIER	ORDER NO	ROUTE	RIT	PAGE	TOTAL UNIT
ASAHIKAS FLAT GLASS	5015 - 1	20160925018	ASAHIKAS	018	1 Of 3	8

SEQ NO	SFX	MDL	CNVT	PART NO	PART NAME	TTL QTY	CONFIRMATION CHECK	
							Supp.	NOTE
							OK/NG	
WSLD								
442		VAN	STD	561010K25000	GLASS SUB-ASSY, WINDSHIELD	1		
443			STD	561010K25000	GLASS SUB-ASSY, WINDSHIELD	1		
444		SUV	WLHD	561010K47000	GLASS SUB-ASSY, WINDSHIELD	1		
445	7Z	VAN	STD	561010K25000	GLASS SUB-ASSY, WINDSHIELD	1		
446	1D	SUV	WRHD	561010K46000	GLASS SUB-ASSY, WINDSHIELD	1		
447	FP	VAN	GRN	561010K28000	GLASS SUB-ASSY, WINDSHIELD	1		
448	6L	SUV	WLHD	561010K47000	GLASS SUB-ASSY, WINDSHIELD	1		
449	6L	SUV	WLHD	561010K47000	GLASS SUB-ASSY, WINDSHIELD	1		

Part Group
Information

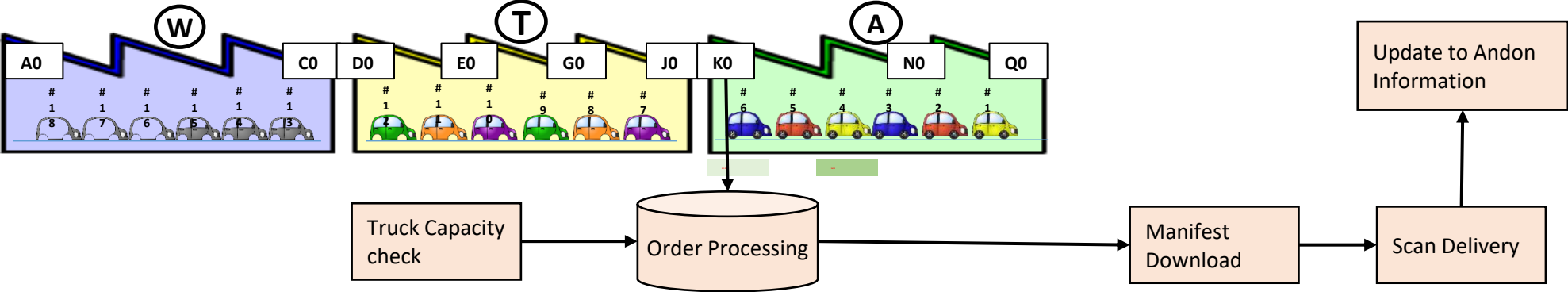
Information
Sequence delivered

Part Information
delivered

Supply informaton

Junbiki manifest format : grouping by part group.

A. Topology Process



B. User Operation

Manifest No

Send

Clear

Truck Delivery Information			Time
TMMIN Plant	Dock	TS	08 : 28 : 04
Karawang Plant 1	42	5	
Route		-	Rate
ASAHIMAS		-	R01
FDRLH,FDRRH,FXLH,FXRH,GLASS B/D,QTRLH,QTRRH,RDLRH,RDRRH,RQLH,RQRH,WSLD			

Manifest Input Scanned

Delivery Information