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■ AGENDA



- Introduction PRODUMEX
- Produit & références
- Flux logistique standard
- Flux logistique avancé
- Demo
- Q&A

■ About Produmex

- Produmex is a Belgian company, part of the BAG holding

inXites
Take IT Higher

- 100% SAP All-in-One / SAP Business Suite / SAP ERP/BO

produmex
Focus on the Essence

- 100% SAP Business One

- *We deliver integrated solutions from shopfloor to topfloor*

- Head office in Perk(Brussels), Belgium



■ About Produmex (cont'd)

■ PRODUMEX ACTIVITIES:

- SAP Business One Projects
- Produmex develops Add-Ons for SAP Business One (indirect via SBO VAR's)
 - Based on industry-specific expertise
 - Focus on integrated shopfloor solutions

■ One-stop-shopping

- in automating operational business processes and integrating these with the administrative business processes in the SAP Business One environment.
- Total support: OS/DB/SBO/PDMX/RF/Label printer

■ Focused on vertical industries

- Wholesale / distribution (inbound & outbound logistics, warehouse management)
- Logistical service providers
- Food (GS1, European Food Law, Tracking & tracing)
- Life Sciences (GxP, Validation, ...)



■ About Produmex (cont'd)

■ References:

- +75 installations
- Europe (Belgium, France, The Netherlands, Ireland, Switzerland, Germany ...)
- America's (USA, Martinique, Guadeloupe, Guyane, Mexico)
- Asia (China, Hong Kong)
- Africa (South Africa)

● International Projects:

- Thrombogenics (3 companies in BE, IRE, USA)
- Jansen Dongen (8 companies in NL & GER)
- Diamdel (6 companies in BE, Israel, Hong Kong, China, South Africa)
- Digicel (3 companies in Martinique, Guadeloupe, Guyane)
- Prins (2 companies in NL & CH)
- Ecadis (5 companies in BE, GER, FR, IT, ES)
- Labo Wolfs (6 companies in BE, NL)
-
- ...

FERRERO



■ PDMX customers...



Caroline Janssens, Lino Droogbloemen BV: "The benefits that have been realized are: streamline our operational processes, optimize the business processes and through that we are able to expand our position in the market. Before we had at least 5 separate systems, now all data is in only one system!"



Henk Jan de Boer, Adjunct Directeur bij Oliehoorn: "For us it was a big challenge..... By linking all processes we have a real time view on order and stock data. We are working much more efficient and productive....."



"Produmex has been a capable and reliable partner during the whole project. And even after finalizing the implementation Produmex has proved to be very helpful, changes and updates were easily implemented."

It's not just a solution, it's a good solution and a good service!!



■ SBO/PDMX Technical wholesale



- Routes with droppoint sequence
- Returns (sales-purchase)
- E-commerce integration: no paper
- Pick & hold

■ SBO/PDMX Food



- 2 batchnumbers DLUO
- Quality checks
- FEFO
- Shelflife
- Catch Weight

FERRERO



- fust
- Truck planning
- Tracking & tracing



■ SBO/PDMX Logistic service providers



■ Tracking & Tracing

■ services

■ Warehouse transfers on RF handheld terminal

■ EDI

■ SBO/PDMX in pharma



Pharmagammes

- Batchnumbers/exp.
- Quality control
- FEFO
- Quality statuses
- Audit trail
- Tracking & tracing

TEOXANE



■ SBO/PDMX for Serialized Items

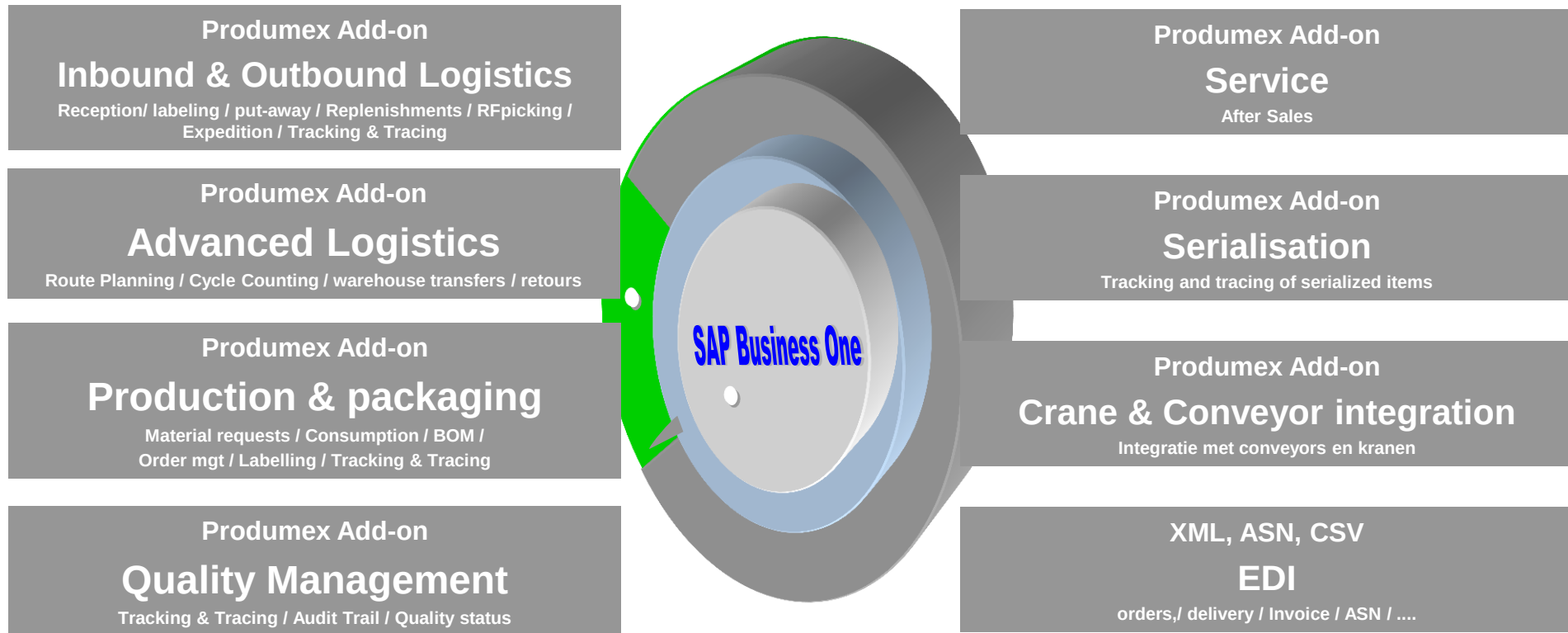


Digicel
group



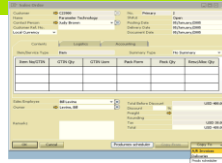
- Serial numbers
- Scanning serial number in picking process
- Tracking & tracing on item level
- Quality statuses
- Sales returns - warranties

■ PDMX Add on:

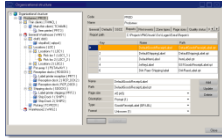


Produmex voor SAP Business One – IT Infrastructuur

Finance & Customer
Relationship
Management



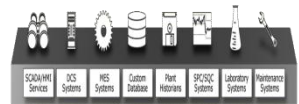
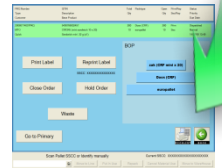
Logistics & Production
Operations
Management



Logistics &
Production Execution



Production &
Packaging (option)



Process Control Systems



Scale Devices



Label Printer Devices



RF Devices



Vehicle mounted Devices



Workstations



Laptops



Touch-Screen Devices



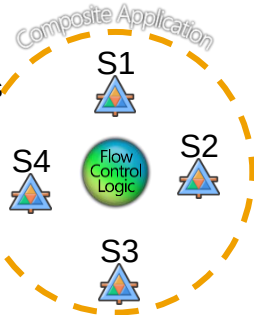
Hand-held Barcode Devices



Produmex Food
Enterprise-Web Services



Produmex for
SAP B1 Server



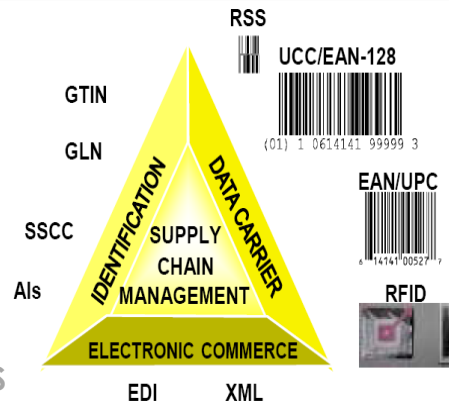
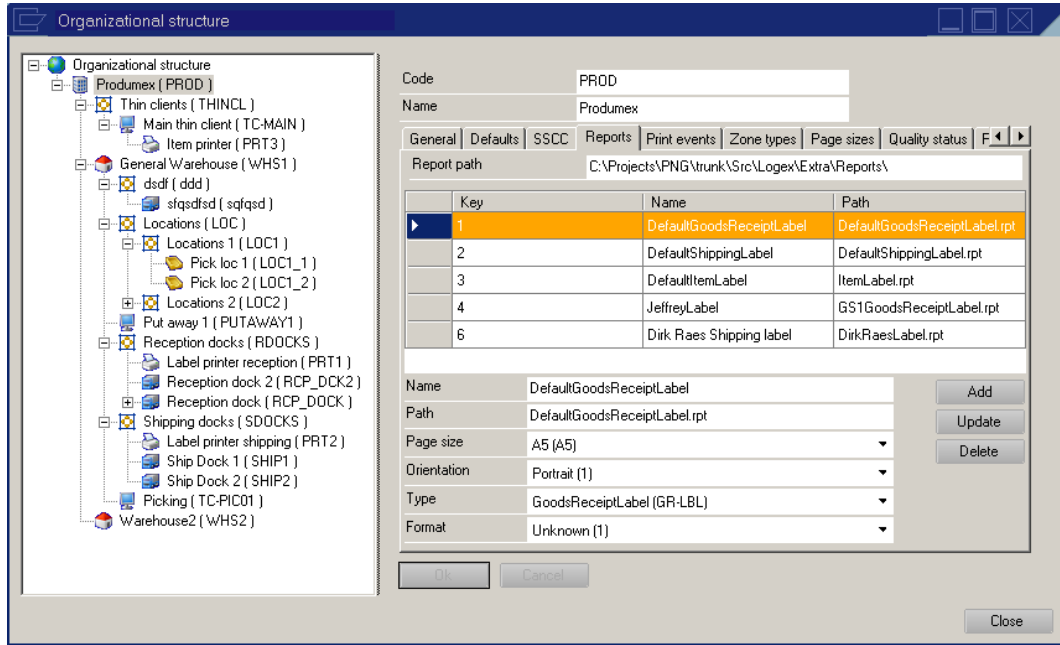
ASN via
WEB-EDI



Business
Partners



PDMX Inbound & Outbound Logistics (based on GS1)



■ ex. PDMX Inbound logistics User Interface



Produmex Windows T...

Select function (1)

Reception

Picking

Shipping

Other

Navigation buttons: Back, Stop, Refresh, Forward



Produmex Windows T...

Select a filter

GS1/EAN Barcode

Supplier

PO Number

No PO

Navigation buttons: Back, Stop, Refresh, Forward



Produmex Windows T...

Select a PO

7400000 - Produmex

Navigation buttons: Back, Stop, Refresh, Forward

Euro Star Holland BV

SSCC: 0871497500000000001

PRODUCT: HOL 1 1 KG/RIETKLONTEN/MIPERLR

CONTENT	COUNT	Lot Number
8714975000416	880	L-2100510062
Production date	Sequence	Net weight
06 - okt - 05	2	880 Kg

Barcode 1: 0871497500000000001

Barcode 2: 0871497500000000001

■ ex. PDMX Production User Interface

Produmex Windows Terminal

Select a task

Stop production

Put on hold

Back to production lines

Enter quantity to consume

Item to consume: 000017 - Plastic Bag Quantity to consume: 100
Difference: 0

Batch number	Best before date	# On line	# Used	# Rest	# Waste
2008-11-06-34		100	100	0	0

Total: 100 100 0 0

Used
Rest
Waste

Update

7 8 9 ◀
4 5 6 -
1 2 3 ENTR
0 .

Produmex Windows Terminal

Enter quantity to consume

Item to consume: 000014 - Chocolate Cake Gourmand Quantity to consume: 500
Difference: 0

Batch number	Best before date	# On line	# Used	# Rest	# Waste
2008-11-06-1	06/12/2009	500	500	0	0

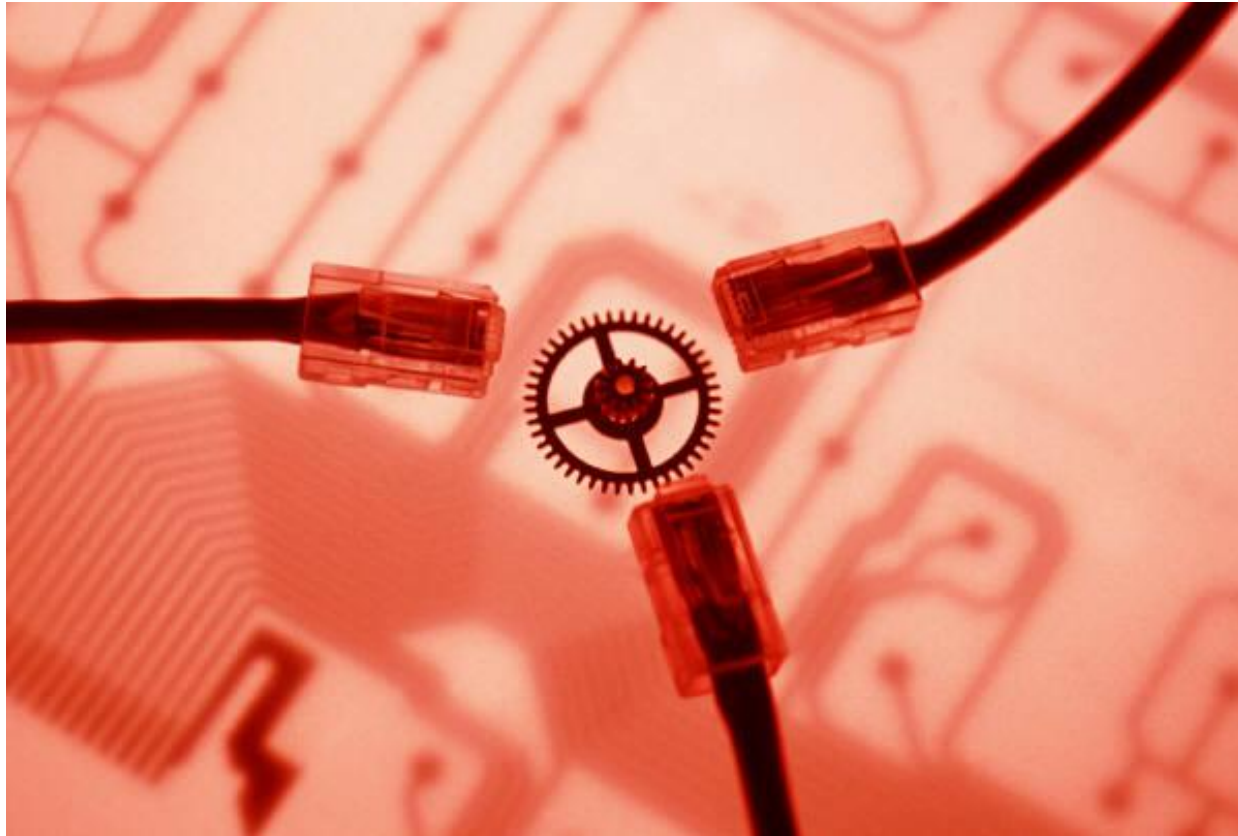
Total: 500 500 0 0

Used
Rest
Waste

Update

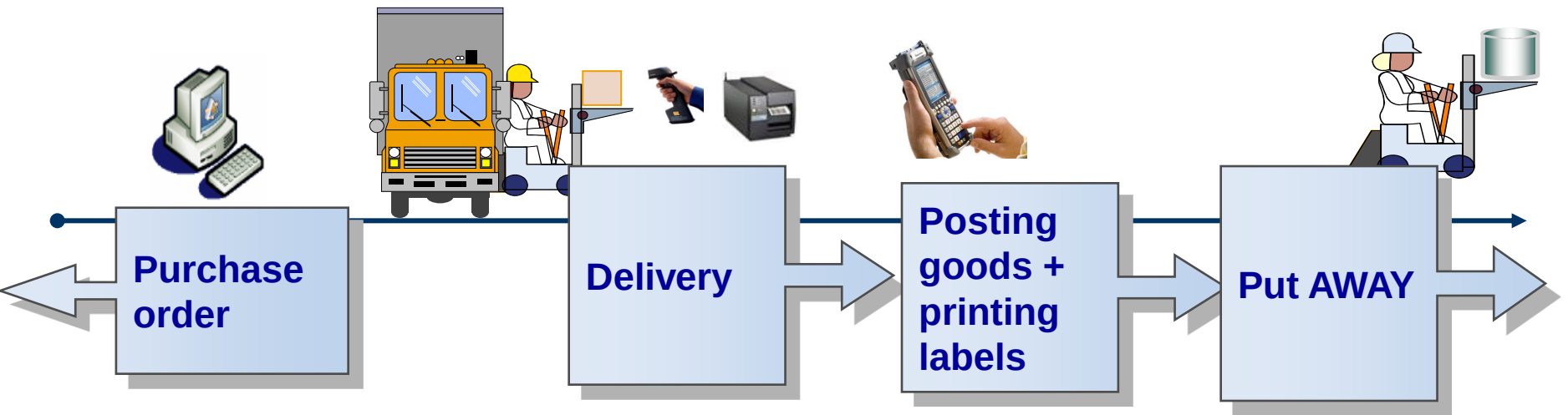
7 8 9 ◀
4 5 6 -
1 2 3 ENTR
0 .

■ PDMX Add-on: van shopfloor tot topfloor



Produmex Add-On for SAP Business One – Logistique Entrants

■ Logistique Entrants



Produmex Add-On for SAP Business One – Logistique Entrants

Reception des SSCC livrés

■ Logistique Entrants

- ◆ Choisir le dock correcte
- ◆ Choisir la commande fournisseur correcte
- ◆ Démarrer la reception physique des articles

■ Logistique Entrants - choisir bon de commande

:: Produmex Windows T... [min] [max] [close]

Sélectionnez la fonction (1)

Réception des marchandises

Prélèvement

Prélèvement multi

Prélèvement ad hoc

← STOP ↺ ✕ →



:: Produmex Windows T... [min] [max] [close]

Sélectionnez un filtre

Code à barre GS1/EAN

Bon de commande

Pas de bon de commande

← STOP ↺ ✕ →



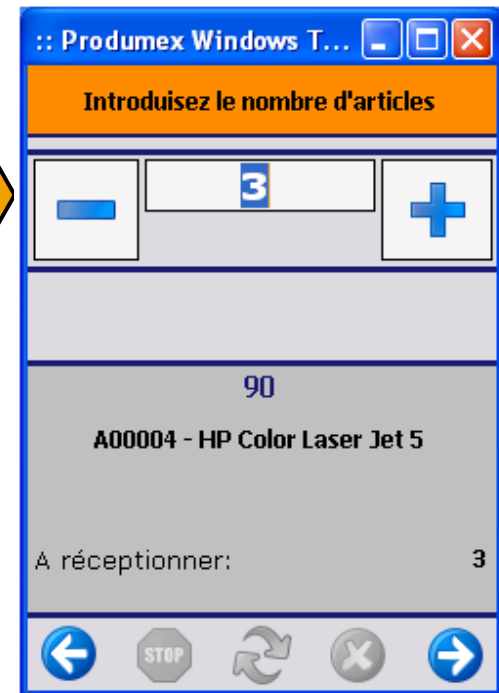
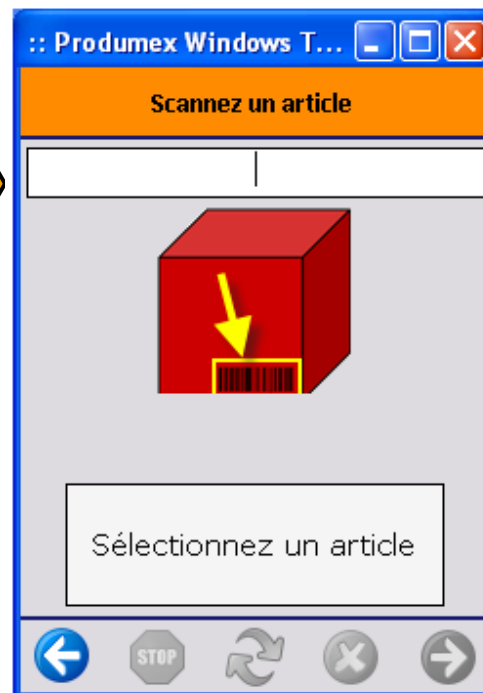
:: Produmex Windows T... [min] [max] [close]

Sélectionnez un bon de commande

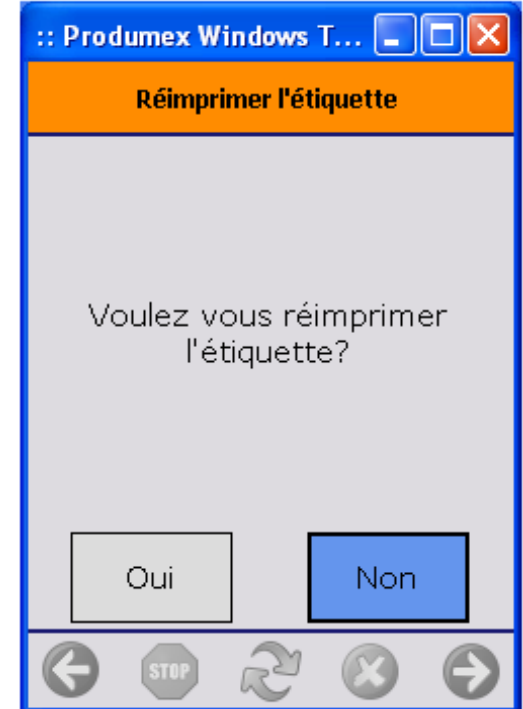
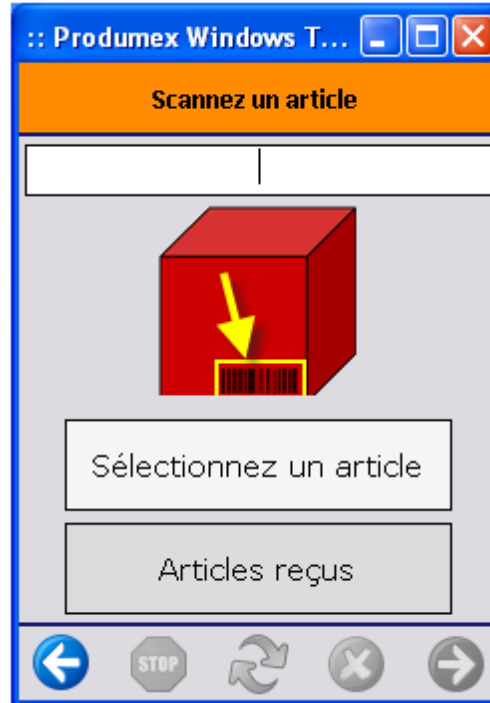
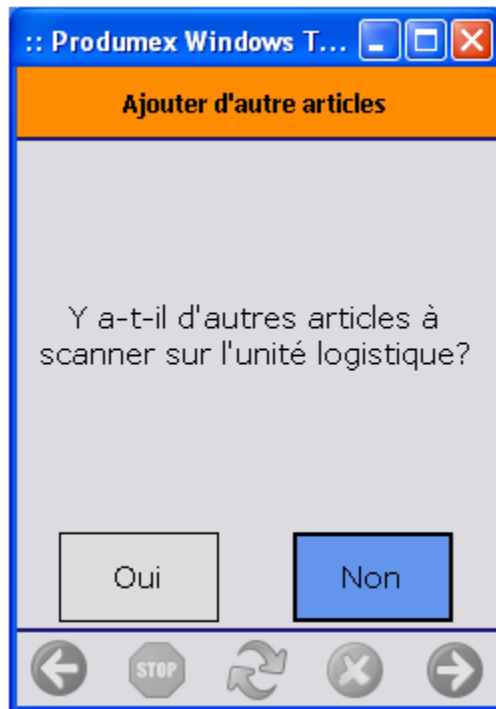
84 - Lasercom	
88 - CTI Computers	↑
90 - Far East Imports	↓

← STOP ↺ ✕ →

■ Logistique Entrants- réception d'un SSCC



■ Logistique Entrants– réception d'un SSCC



■ Logistique Entrants : résultat

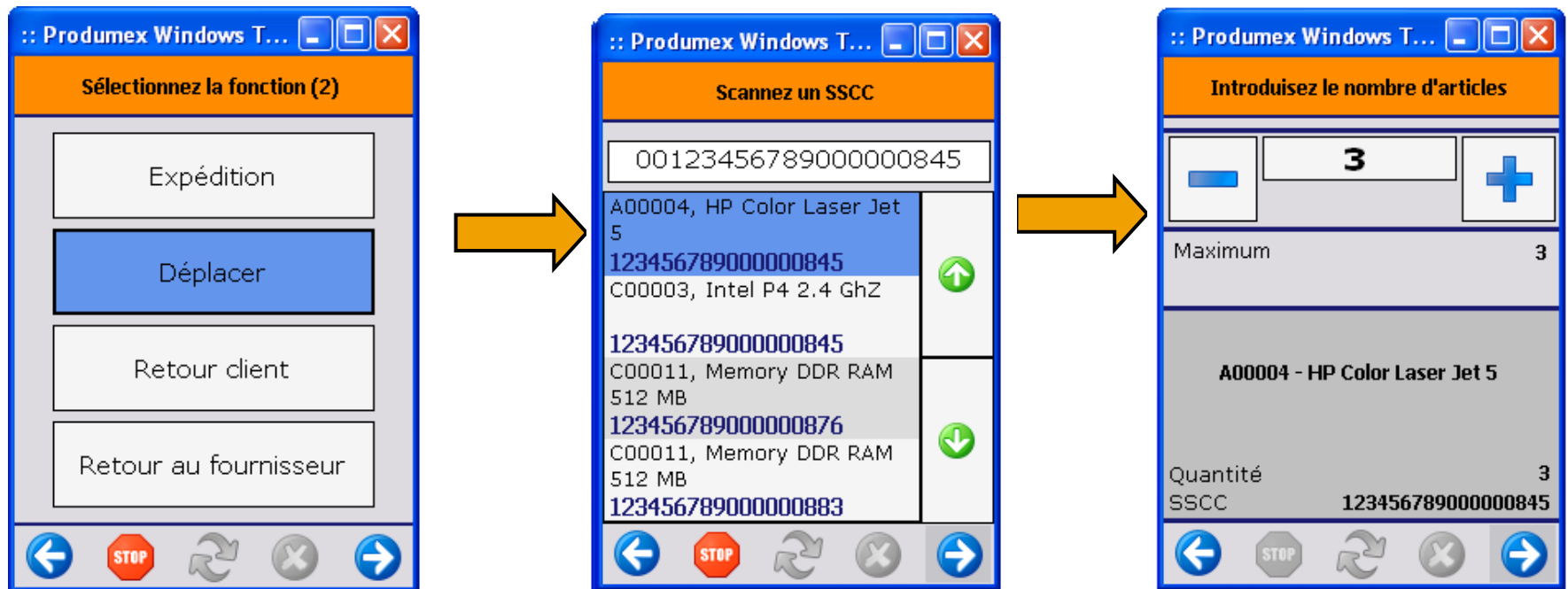
PURCHASE ORDER: 7400000

[illegible]

Produmex Add-On for SAP Business One – Logistique Entrants

Déplacer

■ Déplacer



Déplacer par article ou par unité logistique

■ Déplacer

:: Produmex Windows T... [min] [max] [close]

Scannez un lieu de destination

Sélectionnez un emplacement

Sélectionnez un emplacement vide

Emplacement par défaut
N/A

[back] [STOP] [refresh] [cancel] [forward]

Scanner l'emplacement

:: Produmex Windows T... [min] [max] [close]

Les unités log./articles ont été déplacés.

OK

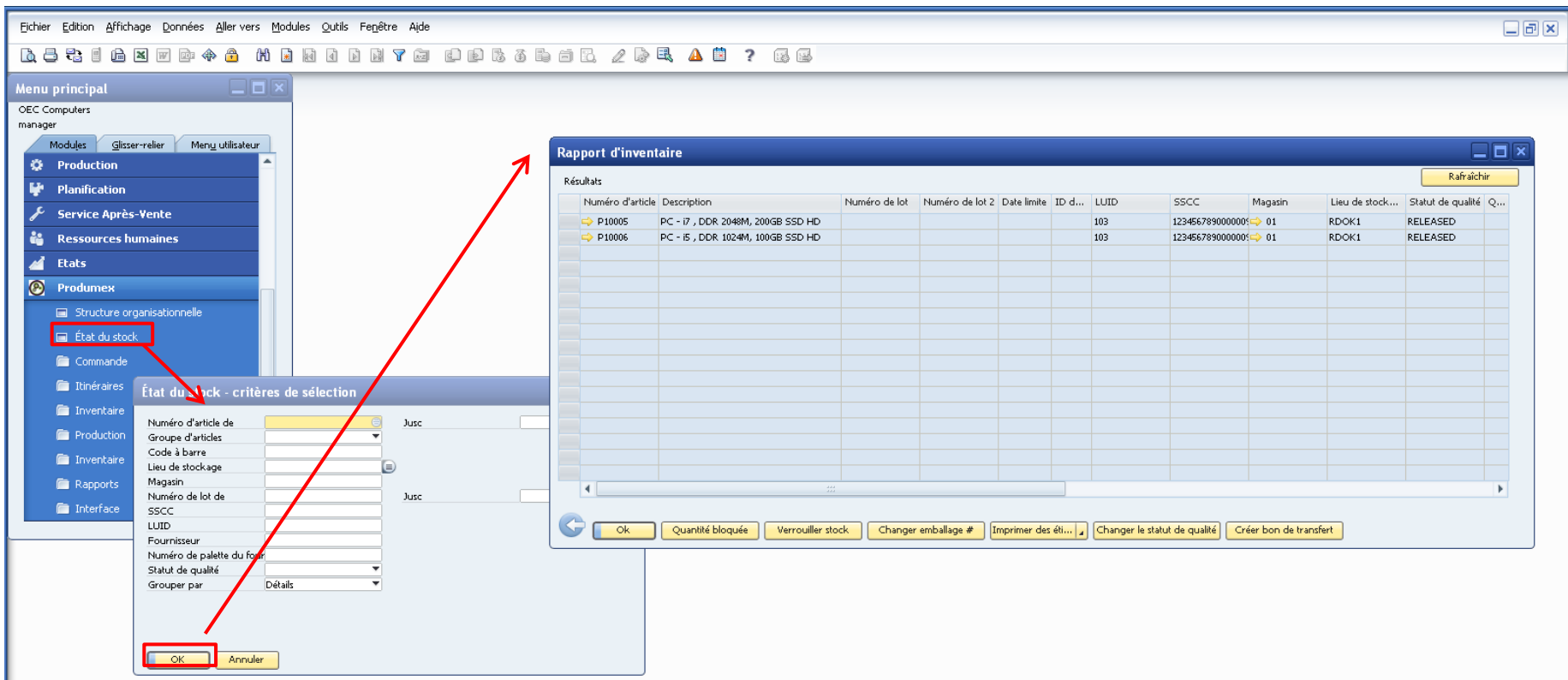
[back] [STOP] [refresh] [cancel] [forward]

Si, sur le Fiche Article, il y a une emplacement par défaut, cette emplacement sera montré ici

Produmex Add-On for SAP Business One – Logistique Entrants

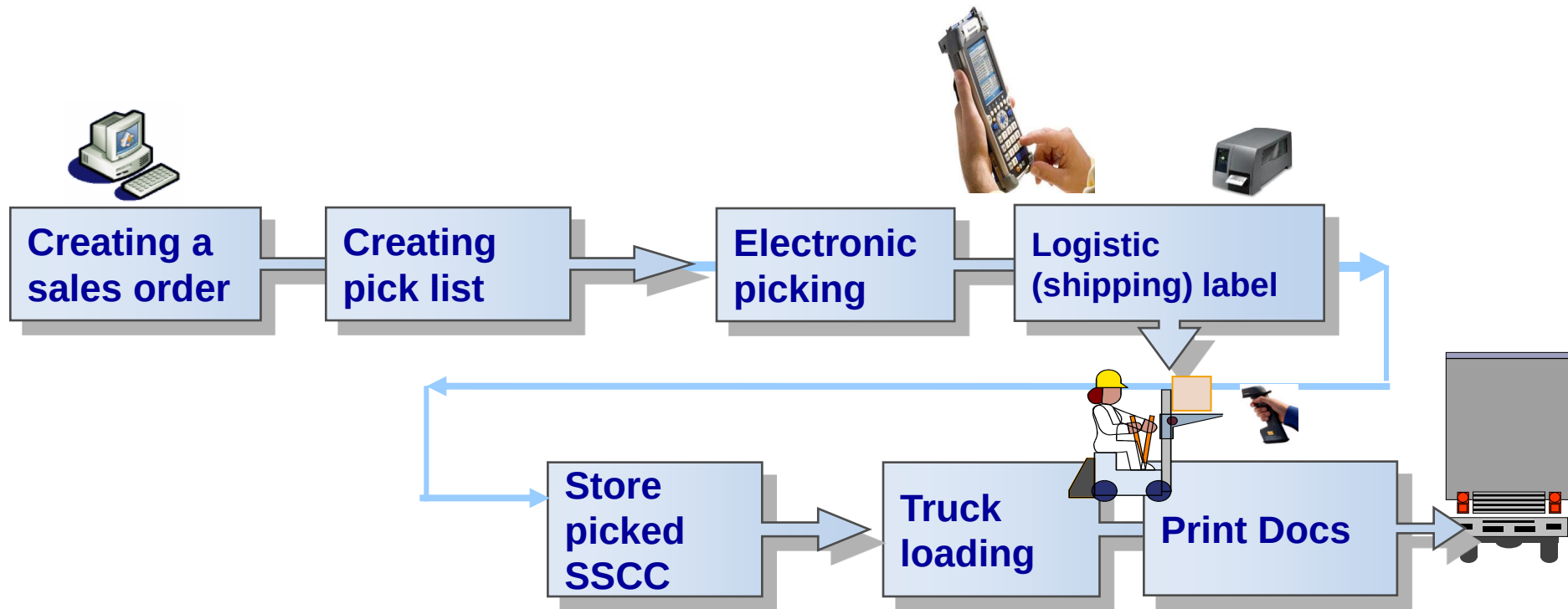
Inventaire

■ Inventaire



Produmex Add-On for SAP Business One – Logistique Sortants

■ Outbound logistics – process overview



Produmex Add-On for SAP Business One – Logistique Sortants

**Création du liste de prélèvement et
la prélèvement d'un commande client**

■ Logistique Sortants– proposition d'un liste de prélèvement

Commande client

Client

→ C30000

Nom

Microchips

Contact

→ Judy Brown

N° réf. client

Devise interne

Numéro Primary

114

Statut

En cours

Date enregistrement

10/17/2011

Date livraison

10/17/2011

Date du document

10/17/2011

Contenu

Logistique

Gestion financière

Type service/article

Article

Type de regroupement

Pas de regroupement

#	Numéro d'article	Description article	Quantité	Prix unitaire	Remi...	Code ...	Total (DI)	Magasin	T...	T...	T...	Q...	U...	Storage locati...	Qu...
1	→ A00004	HP Color Laser Jet 5	2	625,00 \$	0,000	→ NY	1.250,00 \$	→ 01						A02	
2	→ C00003	Intel P4 2.4 GhZ	2	162,50 \$	0,000	→ NY	325,00 \$	→ 01						A02	
3					0,000										

Commercial

Bill Levine

Propriétaires

Remarques

Total avant remise

1.575,00 \$

Remise

%

Fret

→

Arrondi

TVA/Taxes

129,94 \$

Total

1.704,94 \$

OK

Interrompre

Faire proposition d...

Copier de

Copier vers

■ Logistique Sortants– proposition d'un liste de prélèvement

Proposition de liste de prélèvement

Client

→ C30000

Microchips

Adresse

5th Ave

New York NY 10005
USA

Quai

LDOK1

Número

58

Date d'échéance

10/17/2011

Remarques pour le prélèvement

Remarque

#	Type de ...	Ligne	Número d'a...	Nom de l'article	Quantité ...	Quantité ...	Quantité ouverte	Dispo...	Stoc...	Stoc...	PG	Número de...	L.
0	Commande c →	114.1	→ A00004	HP Color Laser Jet 5	2,00	2,00	0,00	33,00	A	A			
1	Commande c →	114.2	→ C00003	Intel P4 2,4 GHz	2,00	2,00	0,00	19,00	A	A			

Quantité commandé

Quantité Réserve

Quantité disponible

N: Aucun, P: Partiel, A: Tout

OK Interrompre

Gén. liste de pr...

Fermer le document

■ Logistique Sortants– proposition d'un liste de prélèvement

- Order: reference to the sales document
- Line: reference to the line number of the sales document
- Item code: item code of the product that needs to be picked
- Item name: name of the product that needs to be picked
- Reserved Qty: quantity that the system has reserved for the picklist proposal
- Open Qty: difference between the needed quantity and the reserved quantity
- Full stock: indicates that a full reservation (A), partial reservation (P) or no reservation (N) can be done

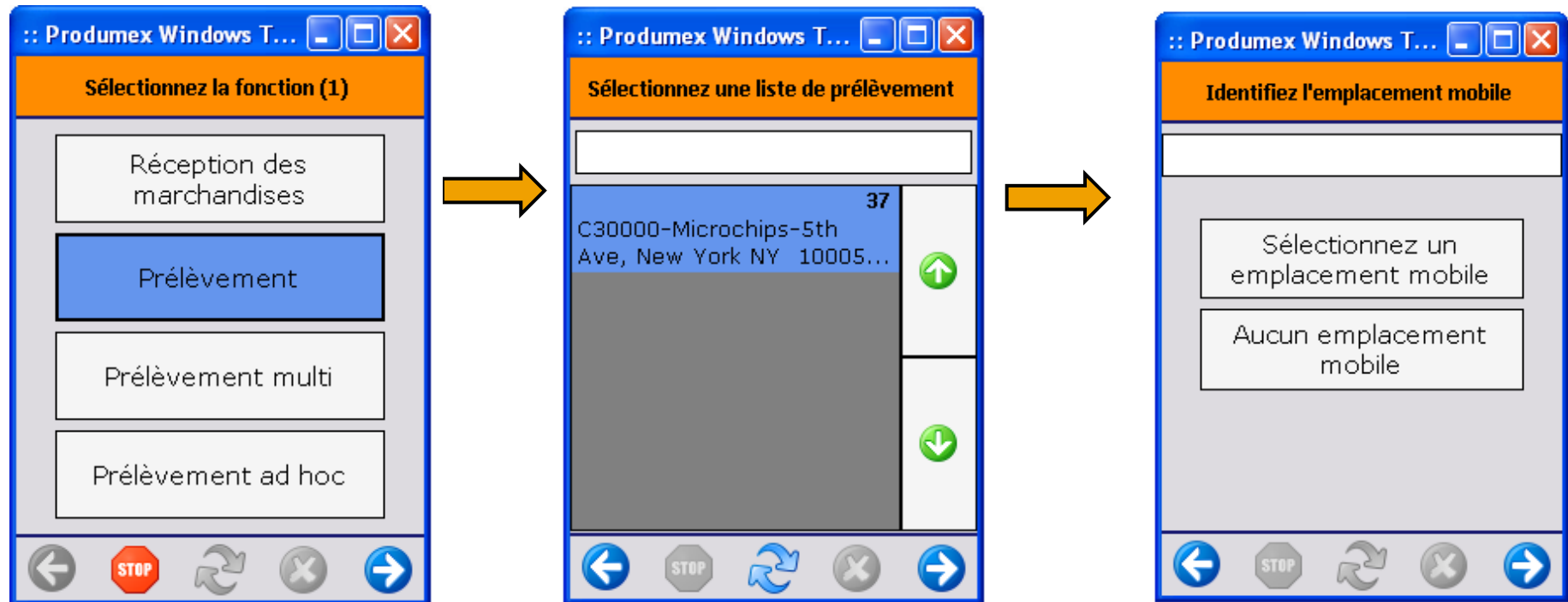
■ Logistique Sortants– proposition d'un liste de prélèvement

- Stock compliant shelf life: indicates that a full reservation (A), partial reservation (P) or no reservation (N) can be done regarding the shelf life
- PG: Pick list Generated indicates if there is already a pick list generated
- Batch number: Shows the reserved batch number
- Best before date: Shows the reserved best before date
- Logistic Unit: Shows the logistic unit where products are stored on
- Quality: Shows the quality status of the reserved products

■ Logistique Sortants– proposition d'un liste de prélèvement

[illegible]

■ Logistique Sortants– exécution d'un liste de prélèvement



■ Logistique Sortants– exécution d'un liste de prélèvement

:: Produmex Windows T... [min] [max] [close]

Articles restant à prélever

→ A02 #2 A00004, HP Color Laser Jet 5	↑
→ A02 #2 C00003, Intel P4 2.4 GhZ	↓

← STOP ↺ ✕ →



:: Produmex Windows T... [min] [max] [close]

Sélectionnez un support logistique

EUROPALLET - EUROPALLET

Aucun support

← STOP ↺ ✕ →



:: Produmex Windows T... [min] [max] [close]

Identifiez le lieu de prélèvement

Sélectionnez un emplacement

Autres tâches

→ A02 #2
A00004, HP Color Laser Jet 5

Quantité totale à prélever: 4

← STOP ↺ ✕ →

Autres tâches :

- article alternatif
- passer l'article -> raison?

■ Logistique Sortants- résultat

SSCC: 0000000000000000048

FROM

TO

[illegible]

(00)0000000000000000048

Produmex Add-On for SAP Business One – Logistique Sortants

Expédition

■ Logistique Sortants : Expédition

:: Produmex Windows T... [min] [max] [close]

Sélectionnez la fonction (2)

Expédition

Déplacer

Retour client

Retour au fournisseur

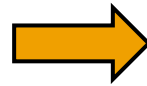
←

STOP

↺

✕

→



:: Produmex Windows T... [min] [max] [close]

Sélectionnez une tâche

Itinéraire

Liste de prélèvement

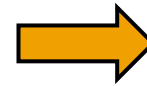
←

STOP

↺

✕

→



:: Produmex Windows T... [min] [max] [close]

Sélectionnez une liste de prélèvement

29	Earthshaker Corporation - 208 Hollywood Ave, Los ...	↑
30	Werner Richter - 195 Blaine Blvd, North Port FL 3428...	
33	Earthshaker Corporation - 208 Hollywood Ave, Los ...	↓
34	Microchips - 5th Ave, New York NY 10005, USA	

←

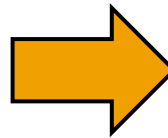
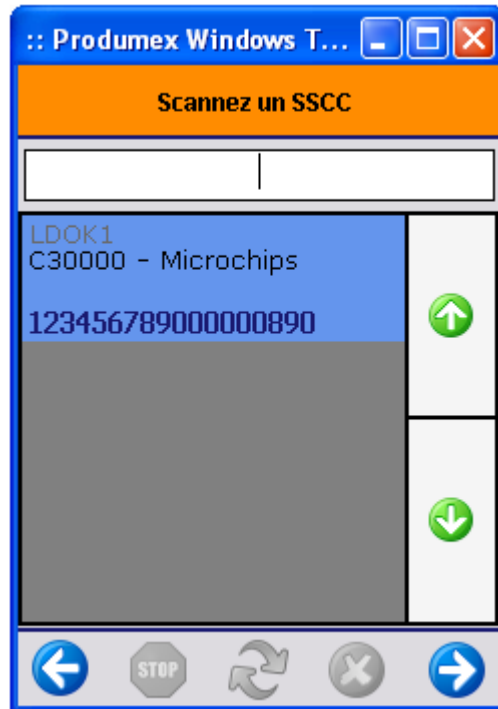
STOP

↺

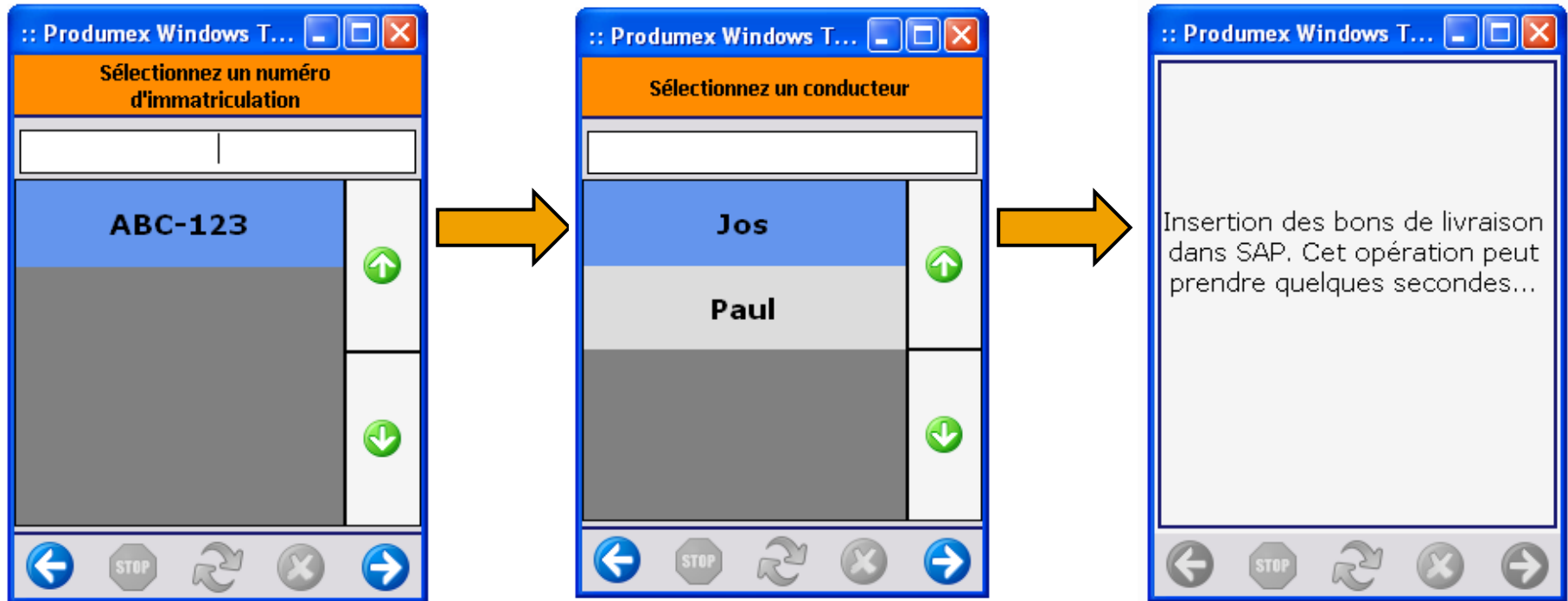
✕

→

■ Logistique Sortants : Expédition



■ Logistique Sortants : Expédition



Logistique avancé

Internal and external Warehouse Transfers

Inventory report

Results

Refresh

	Item Code	Description	Batchnumber	Batchnumber 2	Best ...	Ba...	LUID	SSCC	Warehouse	Storage Lo...	Quality Status	Quantity	Uom	Q...
	BATCHNUM	Batchnum 1	FANGIO001		27/07/11	6			01	PDOK1	IMPORT	76,00		
	EUROPALLET	EUROPALLET					6	123456789000000067	01	RDOK1	RELEASED	2,00		
	CHEPPAL	Chep Pallet					6	123456789000000067	01	RDOK1	RELEASED	10,00		
	BOX	Box					6	123456789000000067	01	RDOK1	RELEASED	20,00		
	BATCHNUM	Batchnum 1	FANGIO004		29/07/11	9			01	PDOK1	RELEASED	10,00		
	BATCHNUM	Batchnum 1	FANGIO002		27/07/11	7	2	123456789000000029	01	PDOK1	QUARANTI	1,00		
	122446	Massiveker Steel Nature	FANGIO002			11	12	123456789000000011	01	RDOK1	RELEASED	200,00	st	
	116292	Mapei Ultracolor plus nr 1					13	1234567890000000128	01	RDOK1	RELEASED	191,00	kg	
	120644	Poweker cementi due sky	FAJ329UJE			12	15	1234567890000000142	01	RDOK1	RELEASED	101,00	st	
	122444	Massiveker Steel Nature	98YY2			16	19	1234567890000000180	02	LDOK2	RELEASED	100,00	st	
	122446	Massiveker Steel Nature	IUHJ098U2			17	20	1234567890000000197	02	LDOK2	RELEASED	100,00	st	
	EUROPALLET	EUROPALLET					22	1234567890000000210	01	RDOK1	RELEASED	1,00		
	116292	Mapei Ultracolor plus nr 1					22	1234567890000000210	01	RDOK1	RELEASED	100,00	kg	
	EUROPALLET	EUROPALLET					23	1234567890000000227	01	RDOK1	RELEASED	1,00		
	EUROPALLET	EUROPALLET					24	1234567890000000234	01	RDOK1	RELEASED	1,00		
	EUROPALLET	EUROPALLET					25	1234567890000000241	01	RDOK1	RELEASED	1,00		
	EUROPALLET	EUROPALLET					27	1234567890000000265	01	RDOK1	RELEASED	1,00		
	EUROPALLET	EUROPALLET					28	1234567890000000272	01	RDOK1	RELEASED	1,00		

...

Ok

Locked quantity

Lock stock

Change packaging #

Print labels

Change quality status

Make move order

■ SBO/PDMX Quality Statusses

Organizational structure

Organizational structure
Produmex (PROD)

Code: PROD
Name: Produmex

General | Defaults | SSCC | Reports | Print events | Zone types | Page sizes | **Quality status** | Reasons

Code	Name
BLOCKED	Blocked
QUARANTI	Quarantine
REJECTED	Rejected
RELEASED	Released
RETURNED	Returned

Code: RETURNED
Name: Returned

☐ Can be shipped

The quality status can go to these quality statuses

RELEASED
QUARANTI

Delete

Add

Ok Cancel

Close

Add
Update
Delete

■ SBO/PDMX in the showroom/exhibitions



Select a task

Select customer

Enter admin password

Navigation icons: back, stop, refresh, cancel, forward

Product information

4128, Acacia boat naturel

Items: 1

Price: 3.18 EUR

Customer price: 3.05 EUR

Item cost: 2.26 EUR

Available qty: #476 1 st

OK

Navigation icons: back, stop, refresh, cancel, forward

Enter quantity to order

Quantity: 1 1 st

4128, Acacia boat naturel

Items: 1

Price: 3.18 EUR

Customer price: 3.05 EUR

Item cost: 2.26 EUR

Available qty: #476 1 st

Navigation icons: back, stop, refresh, cancel, forward

Ordered items

4128, Acacia boat naturel	
#3 1 st 3.15 EUR	↑
1082, Babala oranje	
#4 30 st 12.9 EUR	
1060, Appelschijven groen	
#10 200 gr 3.78 EUR	↓
Total: 98.85 EUR	

Navigation icons: back, stop, refresh, cancel, forward

■ Tracking & tracing

Traceability

Backward

- 000015 ()
 - 08-311-27 (6/11/2008 0:00)
 - 000014 ()
 - 2008-11-06-1 (6/12)
 - 000017 ()
 - 2008-11-06-34 ()
 - 08-317-29 (12/11/2009 0:0)
 - 000014 ()
 - 08-10-23-650 (6/07)
 - 000017 ()
 - 2008-11-06-34 ()
 - 08-317-30 (12/11/2008 0:0)
 - 000014 ()
 - 08-10-23-650 (6/07)
 - 000017 ()
 - 2008-11-06-34 ()
 - 08-311-27 (6/11/2008 0:00)
 - 000014 ()
 - 2008-11-06-1 (6/12)
 - 000017 ()
 - 2008-11-06-34 ()
 - 08-317-29 (12/11/2009 0:0)
 - 08-317-30 (12/11/2008 0:0)
 - 08-318-39 (13/11/2008 0:0)
 - 08-323-40 (18/11/2008 0:0)
 - 08-323-41 (18/11/2008 0:0)

Purchase | Sales | Movements | Quality status changes | Receipts | Issues | Stock

Link	Type	Doc Num	Creation Date	Creation Time	User	Item Code	
▶	➡	Purchase delivery note	200201	6/11/2008	1135	manager	900030

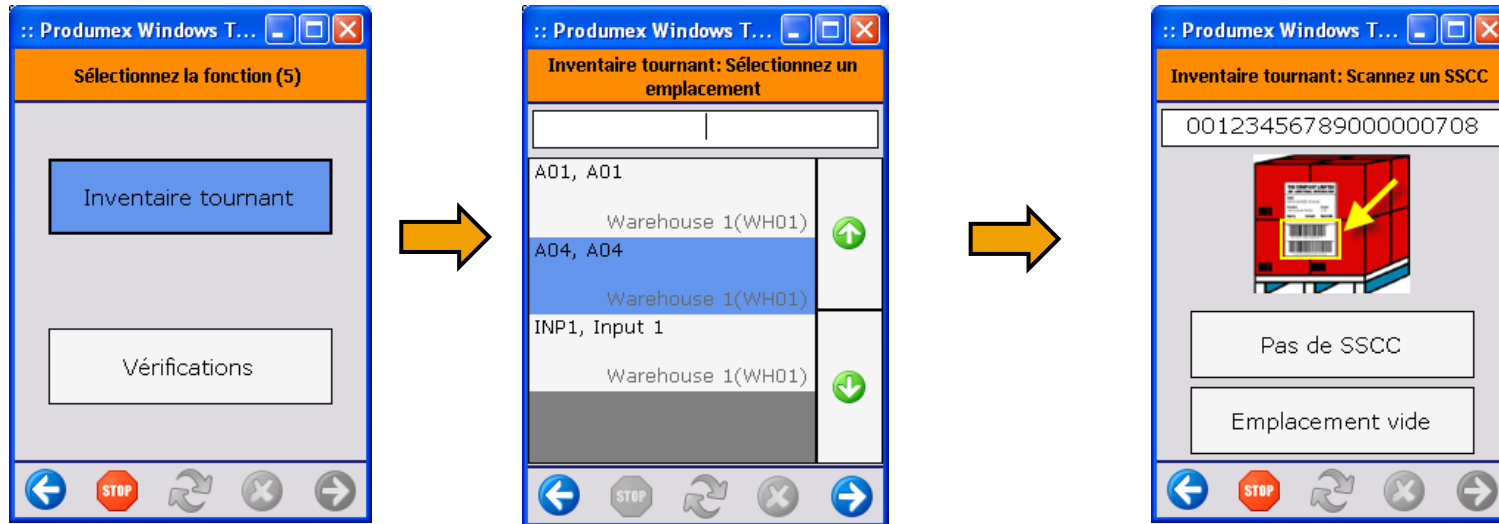
Close

Produmex Add-On for SAP Business One – Inventaire tournant

produmex FOCUS ON THE ESSENCE

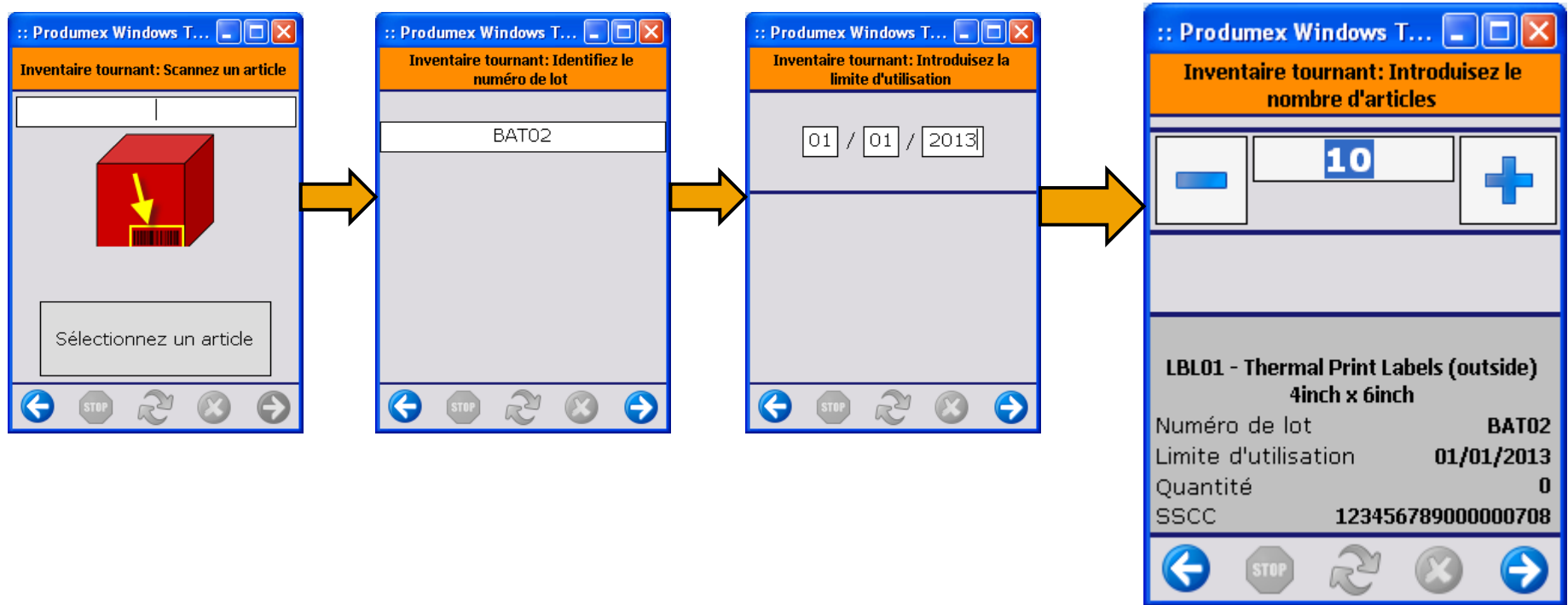


■ Inventaire tournant



Par SSCC / article

■ Inventaire tournant



➡ Compter 10 au lieu de 8 dans SAP

■ Inventaire tournant

:: Produmex Windows T...
Inventaire tournant: Introduisez le nombre d'articles

8

LBL01 - Thermal Print Labels (outside)
4inch x 6inch

Numéro de lot BAT01
Limite d'utilisation 01/01/2013
Quantité 0
SSCC 123456789000000708

→ BAT01 -> compter 8 au lieu de 10

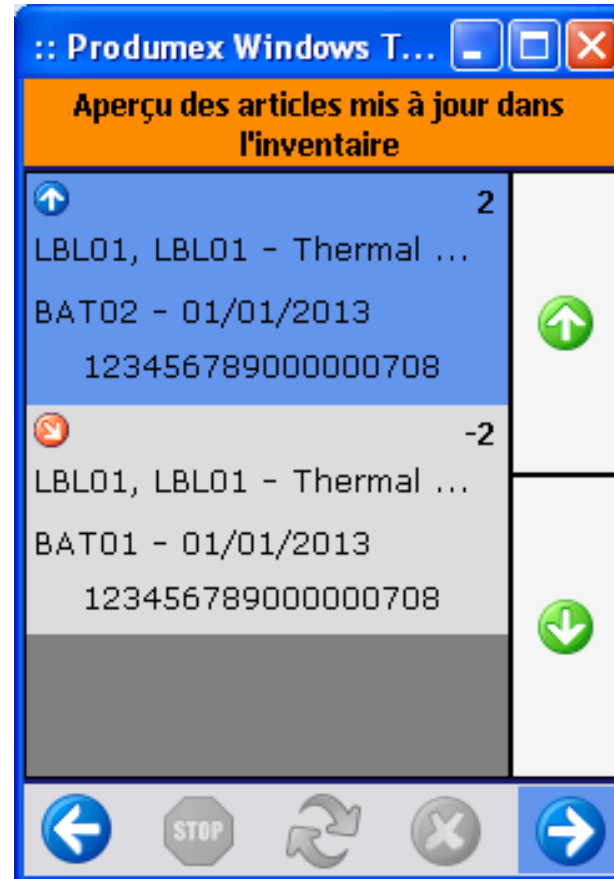
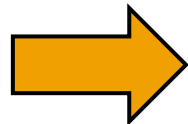
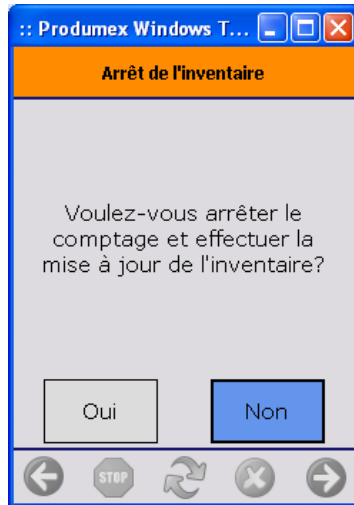
→ Compter le reste des articles correctement , puis :

:: Produmex Windows T...
Inventaire tournant: Scannez un SSCC

Pas de SSCC

→ STOP pour arrêter l'inventaire pour cet emplacement

■ Inventaire tournant : resultat



■ Inventaire tournant : resultat

[illegible]

Quantité BAT01 = 10 – 2 = 8

Quantité BAT02 = 8 + 2 (encore en Quarant.)

■ Inventaire tournant : resultat

Mise à jour :

Inventaire en cours

Magasin

Warehouse 1 (WH01)

Inventaire général

Extraordinary Expenses/Income (HO, USA, GA) (_SYS00000000157)

Remarques

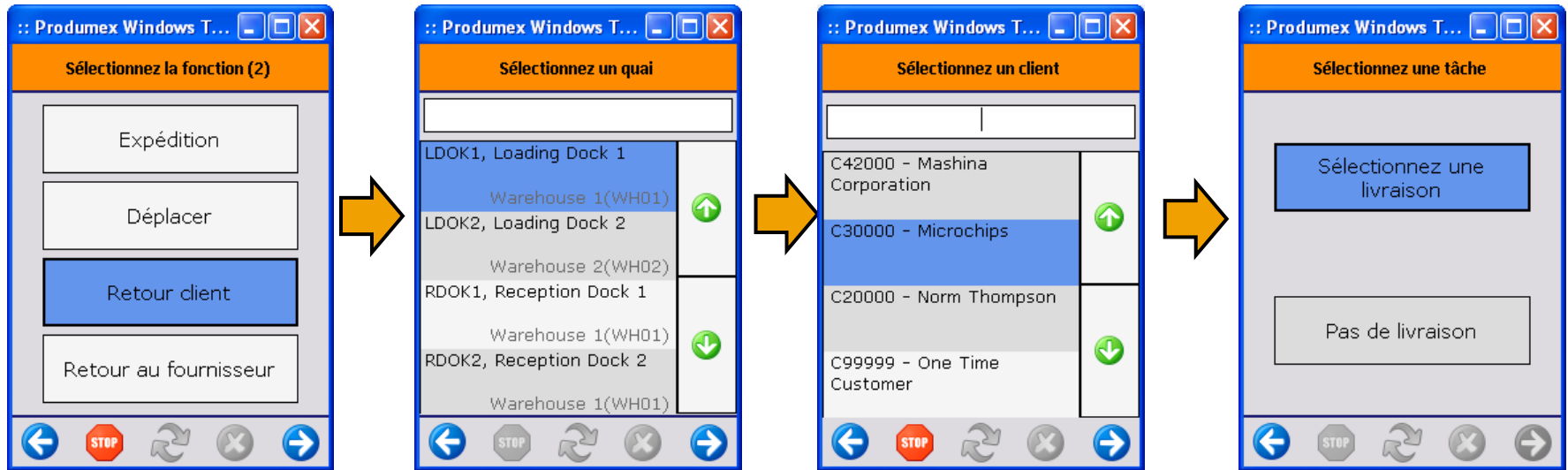
	Code article	Description	Emplacement	Quantité	Numéro de lot	De préférence avant	SSCC	Prix d'inventaire
	LBL01	Thermal Print Labels (outside) 4inch x 6inch	LAF01	2,000000	BAT01	1/01/2013		0,000000
	LBL01	Thermal Print Labels (outside) 4inch x 6inch	LAF01	10,000000	BAT01	1/01/2013		0,000000

Mise à jour

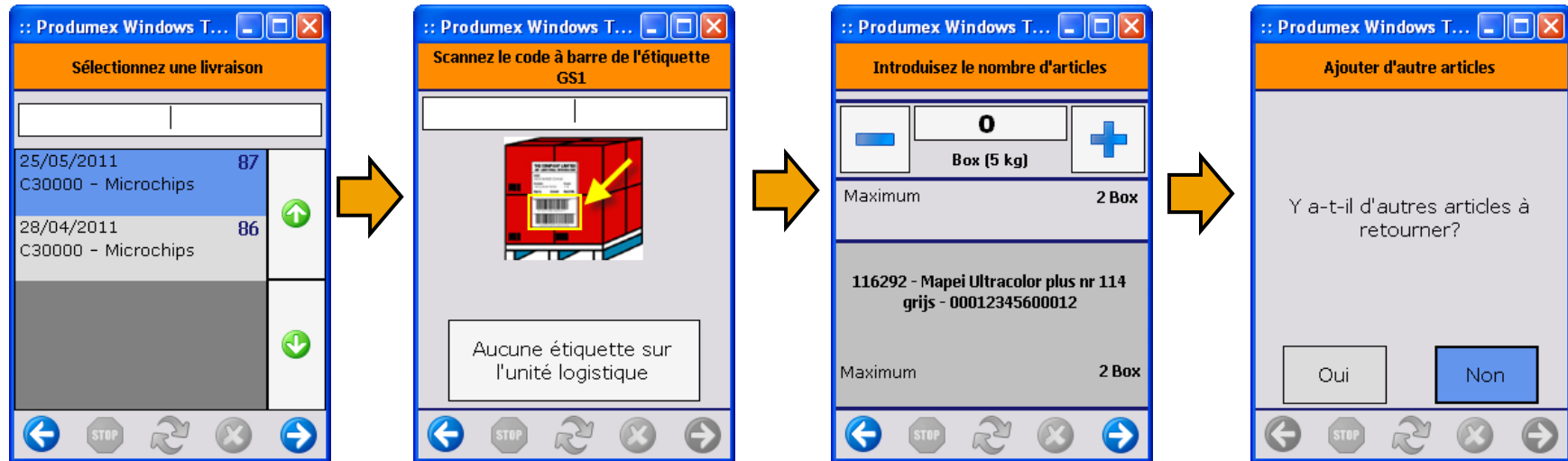
Fermer

Produmex Add-On for SAP Business One – Retour client

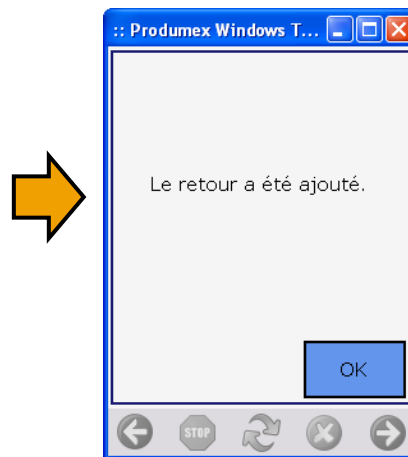
■ Retour client



■ Retour client



Retour SSCC / article



■ Retour client : résultat

Retour client

Client → C30000 Numéro Primary 1
Nom Microchips Statut Clôturé
Contact → Judy Brown Date comptable 10/18/2011
N° réf. client Date d'échéance 10/18/2011
Devise interne Date du document 10/18/2011

Contenu Logistique Gestion financière

Type service/article Article Type de regroupement Pas de regroupement

#	Numéro d'article	Quantité	Prix unitaire	Remi...	Code ...	Total (DI)
1	→ 116292	5	7,00 \$	0,000	→ NY	35,00 \$

Commercial Bill Levine
Propriétaires

Remarques Based On Sales Orders 91.
Based On Deliveries 87.

Total avant remise 35,00 \$
Remise %
Fret →
☐ Arrondi
TVA/Taxes 2,89 \$
Total 37,89 \$

OK Interrompre Copier de Copier vers



■ Next step?

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