



Interman

Managing your terminal through integration



PRODUCT OVERVIEW

Integrated Terminal Operating System

for managing **multimodal inland terminals**

Integration of **all types** of intermodal traffic

- Rail, Road, Barge

Covers **all terminal activities** including all handlings, yard management and container services

Handles **complete dossiers**

- from reservation to billing
- from entrance to departure
- from simple administration to real-time control
- from registration of moves till strategic management reporting

Integrates via **EDI** with internal and external transport logistical systems

Standard solution that easily can be adapted to your needs



PRODUCT FEATURES

FLEXIBLE AND COMPLETE DOSSIER MANAGEMENT

- Main administrative tool
- A dossier is the core element supporting one visit of one unit
- Includes all orders, content data, move history, documents, ...

GRAPHICAL YARD INTERFACE

- Graphical bird's eye view visualization of the terminal
- Real-Time monitoring and management tool of operations
- Event driven Yard Orders based upon variable rules (full version)

MOVES

- Handling dossiers and orders generates moves
- Moves are the basic element for invoicing, statistics, reporting

MULTI-DOMAIN

- Multiple terminals can be managed on a single database

MULTILINGUAL

- 4 languages – Dutch – French – German – English

USER MANAGEMENT

- Integrated authorization per module

OPERATIONAL BENEFITS

Minimize the throughput time
of trucks

Minimize radio
communication

Movement optimization

Optimization usage of
wagons and barge





FINANCIAL BENEFITS

Flexible invoicing module containing

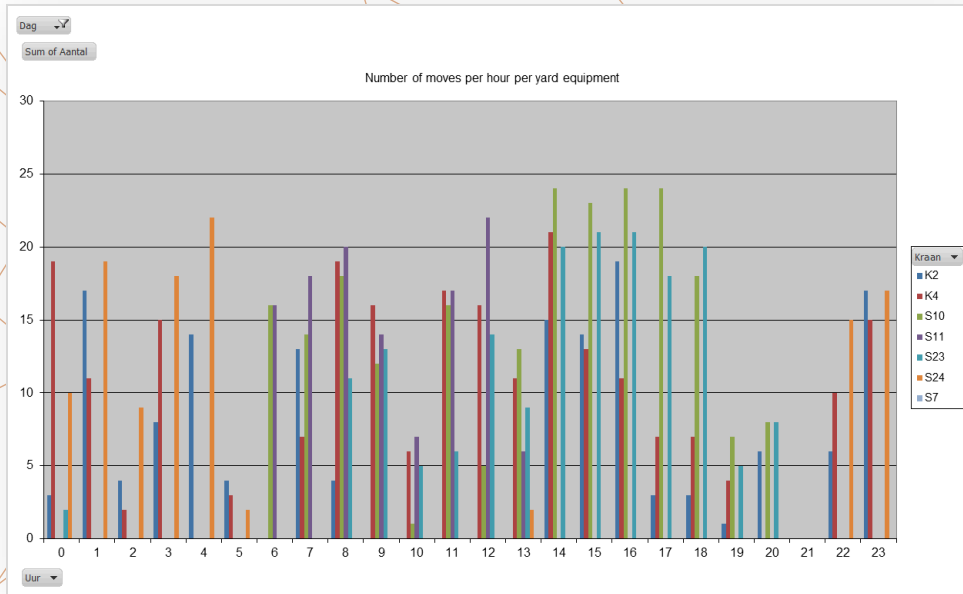
- Article management, linking one or more moves
- Contracts for handlings, extra services, storage, reefer storage, repair
- Grouping rules to create one or several documents grouped the way the customer wants
- Distribution rules to sent the invoices to the customer in PDF or XML (can be uploaded in Excel)
- Internal checks upon complete invoicing of all moves
- Interface files for accounting systems

Proven. One person can invoice all within 5 working days

Positive impact on cash flow

MANAGEMENT BENEFITS

- Based upon
 - real-time registration
 - Registration of all operational and administrative moves
 - And the dossiers
- It is possible to create well targeted operational reports
- Reports that can be scheduled to be generated on a given time and distributed to the target public



OPERATIONS

- ✓ Graphical representations
- ✓ Real Time
- ✓ Operations Management Tool
 - Truck
 - Rail
 - Barge
 - Corridor
 - Yard



OPERATIONS



USE INTERMAN AS A CENTRAL MANAGEMENT TOOL FOR ALL ACTIVITIES

- Yard management
- Extra services
- Block units
- ...

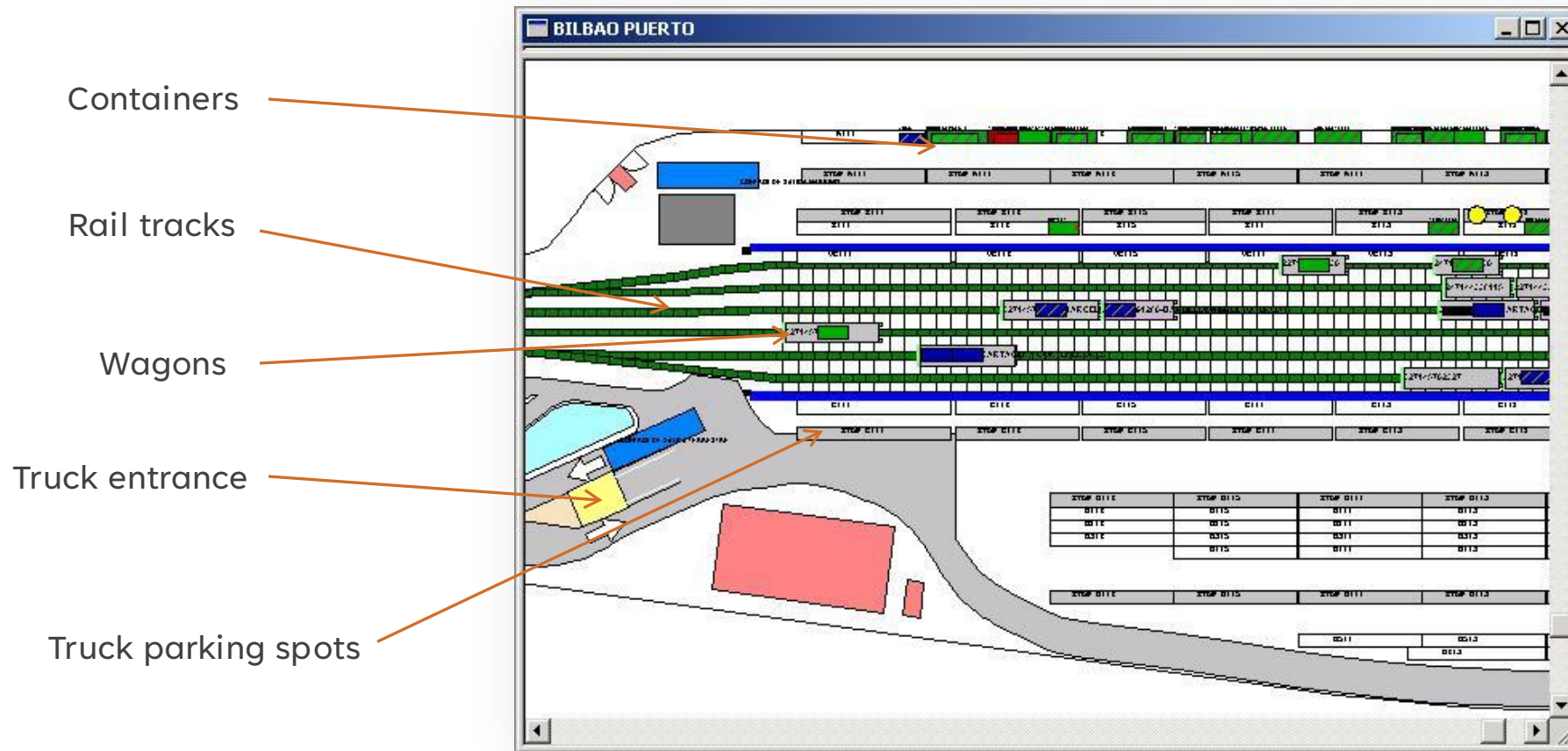
FOLLOW UP OF TRUCKS VIA INTEGRATE GOS (GATE OPERATING SYSTEM)


- Pregate = self-service transporters
- Ingate = pre-notified direct entrance with print of where to go ?
- Outgate = print of interchange when leaving
- All are unmanned gates

Follow up and planning of dossiers/units in discharge and loading lists

- Visual planning between list and graphical representation of terminal
- Strict process in handling the lists

GRAPHICAL REPRESENTATION





Opname wagon

Spoor: VOIE 1 @ A07

Wagon: 858839233153

Units:

1.	HLXU6331970	<input type="checkbox"/>	<input data-bbox="624 349 675 378" type="button" value="..."/>
2.	TCLU9758200	<input type="checkbox"/>	<input data-bbox="624 392 675 421" type="button" value="..."/>
3.		<input type="checkbox"/>	<input data-bbox="624 435 675 464" type="button" value="..."/>
4.		<input type="checkbox"/>	<input data-bbox="624 478 675 506" type="button" value="..."/>

REAL-TIME

THROUGH MOBILE DEVICES

- Android app
- WIFI or 4G
- Real Time Check
 - Handheld devices
 - Identification of wagons and containers
 - Container checking on entrance
 - Container checking on leaving
 - Inventory/container checking on the terminal
 - Repair - Estimates

Yard equipment

- Vehicle mounted PC
- WIFI - 4G - LAN
- Command screen
- Selection and confirmation of movement tasks

Overview: Trucks on terminal

Lane	Visit nr	License pl. ¹	Carrier	Registration time	In/Out	Container	Current stop	Planned stop	State	OPA	Dossier	Instruction	Processed	Actual position
506369	1AXZ157	DE BOCK	28/11/2013 07:54	IN	CRXU4876849	STOP2	STOP2	Opricht	CMA - CGM	00022Y7J	28/11/2013 07:59			VW: 1AXZ157 / STOP2
722434	1BHL473	MUSSCHE	28/11/2013 07:47	IN	CBHU6345212	STOP1	STOP1	Opricht	NAVILAND FB STR	00022YKG	28/11/2013 07:50			VW: 1BHL473 / STOP1
852725	1FAA919	DE BOCK	28/11/2013 07:55	IN	ECMU4362366	STOP2	STOP2	Opricht	CMA - CGM	00022Y7H	28/11/2013 08:02			VW: 1FAA919 / STOP2
81742	GTAGSR	SPRINT	28/11/2013 07:53	OUT	ECBU4639330	STOP1	STOP1	Opricht	IFB-SOUTH	00022YCS	28/11/2013 07:40			910.03.0
167289	BRPB38	MUNDERS	28/11/2013 07:34	OUT	CTKU3316821	CHECK OUT	STOP1	Check-out	IFB-WEST	00022YQD	28/11/2013 07:34	28/11/2013 07:57		VW: BRPB38 / CHECK OUT
693558	BZLN55	GORISSEN	28/11/2013 07:41	OUT	GTMU5011632	STOP1	STOP1	Opricht	IFB-SOUTH	00022XBS	28/11/2013 07:44			164.01.0
693558	BZLN55	GORISSEN	28/11/2013 07:41	IN	GTMU5011479	STOP1	STOP1	Behandelt	IFB-SOUTH	00022VP9	28/11/2013 07:44	28/11/2013 07:59		042.03.0

Filter state: New Modify Dossier Check In Print Info page Gates Search Container: ECRU4562530
 Reload Cancel Reg ready Document Check Out State check out Dossier Document Block

OPERATIONS MANAGEMENT TOOL

- Plans for loading and unloading from lists
 - Train
 - Barge
- Follow up
 - entrance and leave via corridor
 - operational extra services
 - trucks on terminal
- Coordination and management of physical actions
 - Command screen in yard equipment
 - Optimization of stack usage on terminal
- Configurable
 - Flexibility to anticipate on changing needs

OTHER MODULES

Fast-Gate

Ingate

Barge module

EDI-Communication

Pregate

Outgate

Repair module

Tracking & Tracing



FAST-GATE MODULE

Registering truck visits by means of
web application or smartphone.



Combinant
Fast Gate

Visit

Announce visit

Overview

Dashboard
WOUTERS TRANSPORT
Gino Thys (BRC)

Logout

Visit overview

Your announced visits

REFRESH

FILTER RESULTS

Status	Visit nr	TRAC	Date	Time slot	License plate
DRAFT		P0000001	15/06/2016	No time slot set	
DRAFT		P0000002	20/06/2016	08:00 - 10:00	

Visit announcement

Announce a visit

Draft

Date: 06/07/2016

Time slot: 08:00 - 10:00

Executing trucking company: WOUTERS TRANSPORT

License plate: axd323

Chassis:

Save this visit to add units.

SAVE SUBMIT VISIT CANCEL

Add new unit

Visit summary
Date: 15/06/2016
TRAC: P0000001

Unit request

☐ Drop off ☐ Pick up

☐ Not empty ☐ Empty

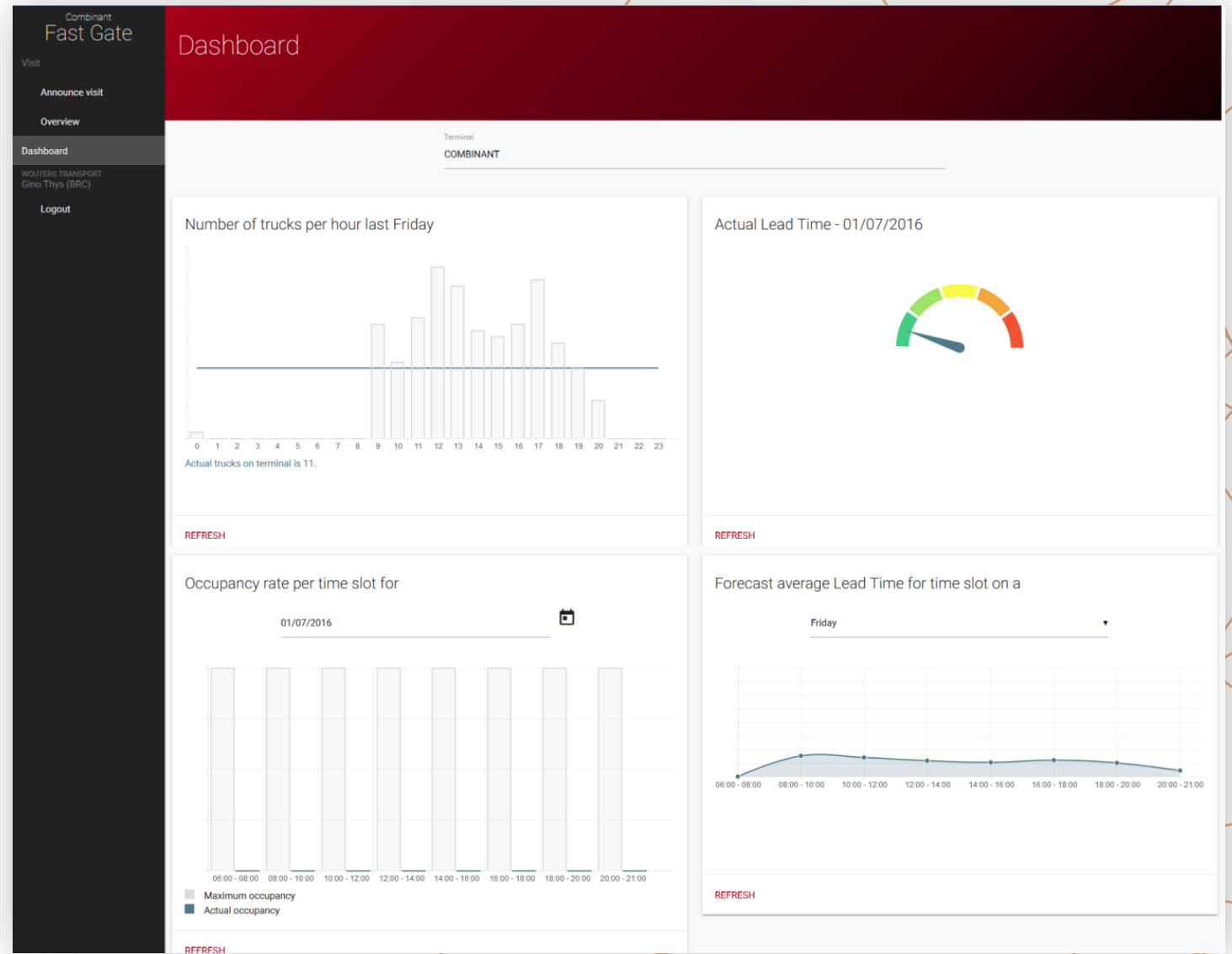
Reference: Unit number:

VERIFY

CLOSE

FAST-GATE MODULE

Dashboard



PREGATE MODULE

Module for truck-drivers to perform
self-registering of visit on terminal



Version 4.6.0.9 Release
Copyright (C) 2017

CTC Rail Terminal Chemelot B.V.

1. Nederlands 2. Français 3. English 4. Deutsch 5. Italiano
6. Ελληνικά 7. Türkçe 8. Română 9. Polski
11. Русский

Maak u

Nummerplaat = AXD323 Transport firma = VWTEST (TEST)
Richting = 1. Binnenbrengen

Om verder te gaan naar het volgende veld druk <ENTER>

Boekingsreferentie

Verplichte ingave

<Enter> Bevestigen <Esc> Annuleren <F1> Herbeginnen

2025

16

n te bevestigen.

The photograph shows a white truck with "PALMANS" written on its side, carrying a large red container on a blue flatbed trailer. A black arrow points from the top left towards the red container.

RTC - Ingate - Laan 1

Transporteur	BRUINSMA
Nummerplaat	AXD700

De slagboom wordt geopend

OUTGATE MODULE

Kiosk at outgate

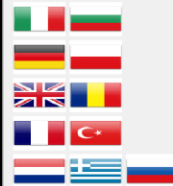


RTC - Outgate - Laan 1
Tik uw bezoeksnummer in en tik op OK om te bevestigen.

148328

OK

1	2	3
4	5	6
7	8	9
	0	C



Inter Ferry Service
Informatie - Terminal Maatschap

Bezoeksnummer
713061

Bezoeknr: 148328 Plaat: AXD700 Transp.: BRUINSMA

<Gelost>
GDV2502B

<Geladen>
TNCT1308B

Unit: GDV2502B - 20' x 8' x 8'6 - Vide

RID: Nee

Zegels: 999 NS

Schade: 93 - CONTAINER LEKT

U gaat akkoord met de detail per Container.
U ontvangt een EIR.

Akkoord

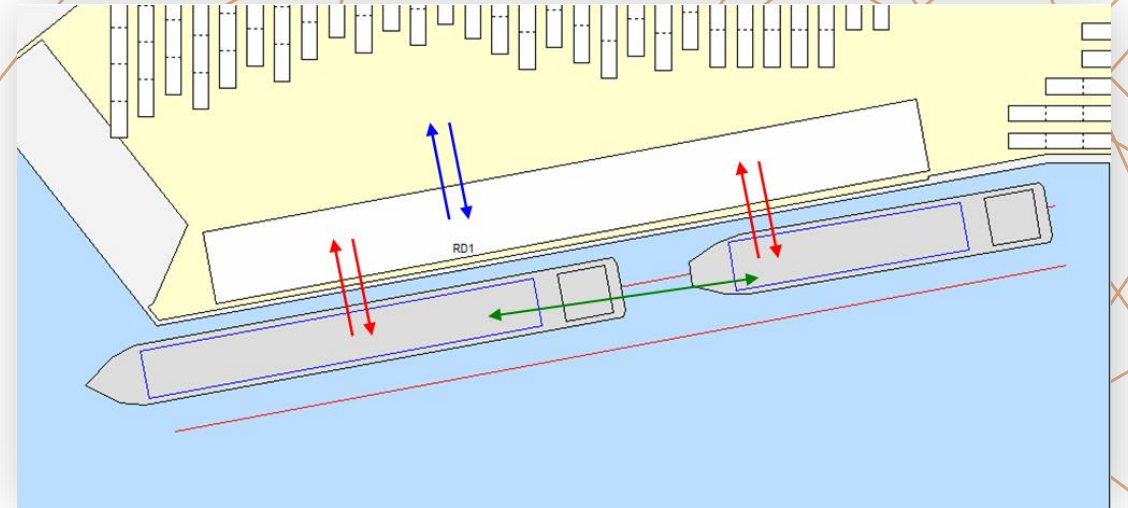
Graag Confirmatie

U gaat NIET akkoord. U rijdt terug op de
parking en gaat naar het probleemloket.

Niet Akkoord

BARGE MODULE

- **Barge definitions** and timetables
- **Movement types** are Ship-Quay-Yard, Yard-Quay-Ship, Ship-Quay-Ship, Ship-Ship
- **Graphical representation** of barge at arrival
- **Timetable** overview and follow up
- **Load sheets**
 - Discharging and Loading
 - Shifting
 - Status flow per unit
 - Status flow per barge
 - Reporting
- **Real Time** via Android app and command screen in crane
 - checkers function
 - instructions for the crane



BARGE MODULE

Some interface examples :

- barge timetable definition
- barge load sheet (unload plan)

Info Barge CGB Karveel - ETA(21/04/2007 06:00)

Betreft: Barge KARVE CGB Karveel Status: Begin operaties

Operator: CGB CGB Bvba

Detail barge

Contact: Shipper Naast Mathilde
Telefoon: 00 32 2/545.56.56
Fax: 0478/546.454
Contact: Mathilde
Telefoon: 00 32 2/545.56.76
Fax:
GSM:
Lengte: 95,00 Breedte: 14,50 Diepgang: 3,50 M
Max. TEU: 102,00 Max. gewicht: 500.000 KG

Detail bezoek

E.T.A. 21/04/2007 06:00 A.T.A. 21/04/2007 06:15
Closing 20/04/2007 21:00 Begin operaties 21/04/2007 07:10
Gepland op 21/04/2007 07:00 Einde operaties
E.T.D. 21/04/2007 14:00 A.T.D.

	IMPORT	EXPORT	TRANSIT	SHIFTER
Reisnummer	210407	210407		
Aantal TEU verwacht	25,00	25,00	2,00	4,00
Aantal TEU effectief	31,00	34,00	3,00	8,00
Aantal units effectief	24,00	25,00	3,00	6,00
Aantal units uitgevoerd	12,00	2,00	1,00	2,00
Bruto gewicht	230.000	330.000	24.000	32.400

Status wijzigen

Aantal units gegroepeerd per size/type en OPA

Klasse	Size	Type	OPA	Totaal	Totaal TEU
EX	20	DRY	EVC	12	12,00
EX	20	DRY	LTS	5	5,00
EX	20	DRY		17	17,00
EX	40	DRY	EVC	3	6,00
EX	40	DRY	HAT	2	4,00
EX	40	DRY		5	10,00
EX	40	REF	CMA	2	4,00
EX	40	REF		2	4,00
EX				24	31,00
IM	20	DRY	EVC	17	17,00
IM	20	DRY		17	17,00
IM	40	BUL	NYK	7	14,00
IM	40	BUL		7	14,00
TR	20	VEN	NYK	3	3,00
TR	20	VEN		3	3,00

Pleinbeheer - Barges

Terminal Mainhub

Units

Vrachtwagens

IN Lanes (3)

OUT Lanes (2)

Spoor

F-BRG-CHZ (2134)

F-NRC-HINT (231)

F-NRC-KAAI (542)

41181 - 11/05/07 (2)

32780 - 10/05/07 (3)

52963 - 11/05/07 (3)

E-BRG-CHZ-1 - 12/05/07

E-BRG-CHZ-2 - 12/05/07

E-NRC-ZEE-1 - 12/05/07

Barge

DALIA 14/05/07 12:35 (lost)

DALIA 14/05/07 12:35 (lost)

KARVE 12/05/07 10:15

KARVE 12/05/07 10:15

EX-Schip Ever Unific

EX-GENK

Comdor

Zomenweg

Graanhandelatie

Extra Services

Ondrachten

Kraan 1

Kraan 2

Kraan 3

RTG 1

RTG 2

RTG 3

RTG 4

RTG 5

RTG 6

Stacker 1

Stacker 2

Stacker 3

Mededelingen

2 Errors

3 waarschuwingen

TODD

Acties op losplan

Detail barge

Naam: CGB KARVEEL

Status: Begin Operaties - 21/04/2007 07:00

Aantallen

Units vooraangekendigd: 34,00 310.000

Units effectief: 25,00 330.000

Units uitgevoerd: 2,00 19.500

Filter actief

Herladen

C	Lo	Plk	Status	Gr	Container	ISOCo	Size	Type	Booking	OPA	SOPA	Row	Bay	Tier	HuidigePlaats	Herko
			10-INN	...	TEXU1245411	2210	20	DRY	590000214	EVC	EVC	01	02	02	A09051	BEZEE
			10-INN	...	OCLU1233541	43G1	40	DRY	590000215	EVC	EVC	01	03	02	A08011	BEZEE
			10-INN	...	AMFU2133545	22R1	20	REF	ANT12354	LTS	LTS	01	02	04	A09020	BEZEE
			10-INN	...	GESU1458956	2210	20	DRY	590000214	EVC	EVC	02	02	02	A09061	BEZEE
			10-INN	...	ACLU1124584	2210	20	DRY	590000214	EVC	EVC	02	02	04	A09052	BEZEE
			20-LOADED	...	GESU57578954	22G1	20	DRY	590000214	EVC	EVC	02	02	06	A09070	BEZEE
			10-INN	...	TEXU1245411	2210	20	DRY	590000214	EVC	EVC	01	02	02	A09051	BEZEE
			10-INN	...	OCLU1233541	43G1	40	DRY	590000215	EVC	EVC	01	03	02	A08011	BEZEE
			10-INN	...	AMFU2133545	22R1	20	REF	ANT12354	LTS	LTS	01	02	04	A09020	BEZEE
			10-INN	...	GESU1458956	2210	20	DRY	590000214	EVC	EVC	02	02	02	A09061	BEZEE
			10-INN	...	ACLU1124584	2210	20	DRY	590000214	EVC	EVC	02	02	04	A09052	BEZEE
			20-LOADED	...	GESU57578954	22G1	20	DRY	590000214	EVC	EVC	02	02	06	A09070	BEZEE
			10-INN	...	TEXU1245411	2210	20	DRY	590000214	EVC	EVC	01	02	02	A09051	BEZEE
			10-INN	...	OCLU1233541	43G1	40	DRY	590000215	EVC	EVC	01	03	02	A08011	BEZEE
			10-INN	...	AMFU2133545	22R1	20	REF	ANT12354	LTS	LTS	01	02	04	A09020	BEZEE
			10-INN	...	GESU1458956	2210	20	DRY	590000214	EVC	EVC	02	02	02	A09061	BEZEE
			10-INN	...	ACLU1124584	2210	20	DRY	590000214	EVC	EVC	02	02	04	A09052	BEZEE
			20-LOADED	...	GESU57578954	22G1	20	DRY	590000214	EVC	EVC	02	02	06	A09070	BEZEE

Timetable schepen: KARVEEL - IM - 210407 KARVEEL - EX - 210407 DALIA - EX - 230407 EX Genk Pool Barge - EX Pool Barge - Import

REPAIR MODULE

The repair module is based upon the depot module and can easily **handle over 3000 estimates per month**.

Standardized codification (CEDEX) or own code definitions

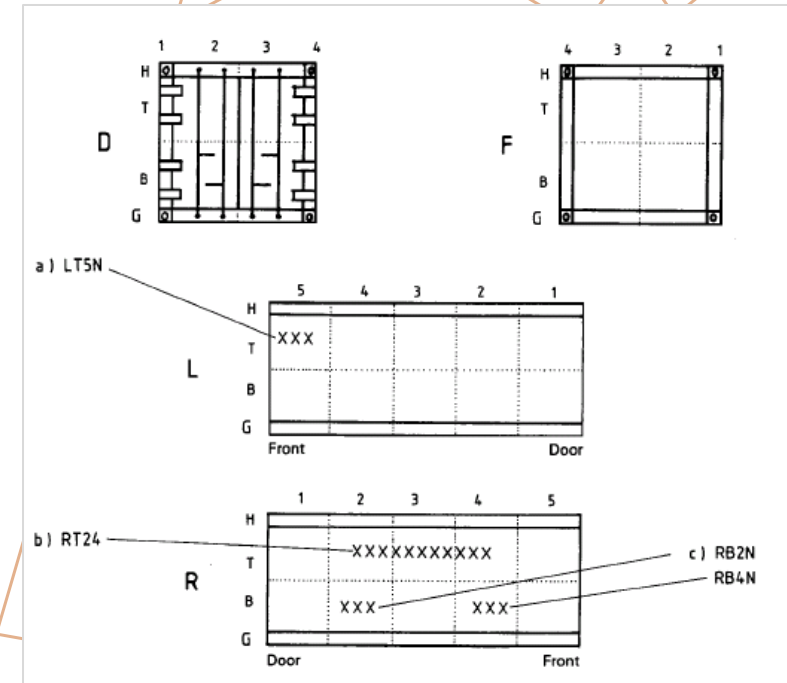
- damage codes
- localization codes
- repair action codes

Standard **repair pricing**

- Based upon repair actions
- Company level for all customers
- Price Time & Material

Own Overview of Depot Customers

- Own management of repair-related data



REPAIR MODULE

Overview of estimates

- Extensive selection options
- according to Internal status flow and/or External status flow

Estimate encoding

- Via normal interface
- Real-time via Mobile device – Android App

Estimate internal follow up

- Via statuses
- Result is always
 - NR = No Repair unit
 - OK = OK unit

Status

AI = Awaiting Inspection

WE = Waiting Estimate

WA = Waiting Authorization

JS = Joined Survey

JD = Joined Survey Done

AT = Authorized

RP = Repair

REPAIR MODULE

Estimate external follow up

- After rules automated communication to customer
- Via EDI, mail (PDF), ...
- With possible processing of incoming messages



Gestion des devis

N° devis: 10477 Créateur: GAVROY JACQUY Date IC: 27/03/2007
 Conteneur: INKU2475732 Expéditeur: BC - COLLET BENOIT IC: 0000PGG7
 Client: CHINA SHIPPING Dimension: 40x8x96" Type: 45G1

Info Client
 Méthode d'envoi: Mail
 Rép. autorisée par système à RF sans accord client: Non Max. heures: 00:00
 Montant max.: 0.00

Etat
 Création: 28/03/2007
 Attente approbation client: Mail 28/03/2007
☐ Accepté par client - à effectuer
☐ Refusé par client
☐ Modification
☐ Effectué
☐ Envoi confirmation au client

Ligne	Type	Localisation	Code	Heures	Prix/piece	Client	Terminal
1	RP - Redresser panneau	GX - Côte Ga-Tout	4N 311 - REDRESSER 2M PANNEAU	00:45	6	En Attente	A réparer
2	DP - Dechirure panneau	TD - Toit-Dr	12 330 - DECHIRURE 15 CM	00:30	3	En Attente	A réparer
3	BA - Bâche	GB - Côte Ga-Bas	3N 300 - PLACER PIECE 15X15 CM	00:45	5		A réparer

Prix horaire: 25.50
 Commentaire:
 Envoyer devis au client Confirmation rep. au client

Reparatie code

Code	Omschrijving
101	PHOTOGRAPHIE AVARIES
102	0.5m³ DECHETS DIVERS
103	1M³ DECHETS DIVERS
104	1.5M³ DECHETS DIVERS
105	2M³ DECHETS DIVERS
106	20' ENLEVER ISOLATION
107	40' ENLEVER ISOLATION
108	ENL. 4 ETIQUETTES ADR
109	DEMARQUER CONTENEUR
110	ENL. PORTE MANTEAU
111	ENL. FLEXITANK
112	ENL. LINERBAG
113	ENL. 20' A 50 CLOUS
114	ENL. 10 CALLES BOIS
115	ENL. 20 CALLES BOIS
116	ENL. 50 CALLES BOIS
120	20' NET. VAPEUR
121	20' NET. VAP. HUILE
122	20' NET. VAP. TERRE
124	20' NET. VAP. ALIMENTAIRE
125	20' NET. VAP. SPECIAL
126	20' NET. VAP. NOIR CARBONE
127	20' RINÇAGE CITERNE
130	40' NET. VAPEUR
131	40' NET. VAP. HUILE
132	40' NET. VAP. TERRE
134	40' NET. VAP. ALIMENTAIRE
135	40' NET. VAP. SPECIAL
136	40' NET. VAP. NOIR CARBONE
150	20' SECHAGE PLANCHER
151	40' SECHAGE PLANCHER
160	20' BALAYAGE
161	40' BALAYAGE

Code: 101 ISO Code:
 Omschr. Fr.: PHOTOGRAPHIE AVARIES
 Omschr. Ned.: PICTURE DAMAGES
 Length: Breedte:
 Uren: 00:00 Prijs materiaal: 15.00
 Onderdeel:
 Schade:
 Materiaal:

Type Reparatie: Klanten

Type	Actief
Bâche	<input type="checkbox"/>
Dechirure panneau	<input type="checkbox"/>
Enlever 4 étiquettes ADR	<input type="checkbox"/>
General	<input checked="" type="checkbox"/>
Isolation	<input type="checkbox"/>
Lavage	<input type="checkbox"/>
Longeron	<input type="checkbox"/>
Nettoyage dechet	<input type="checkbox"/>
Piece sur panneau	<input type="checkbox"/>
Plancher	<input type="checkbox"/>

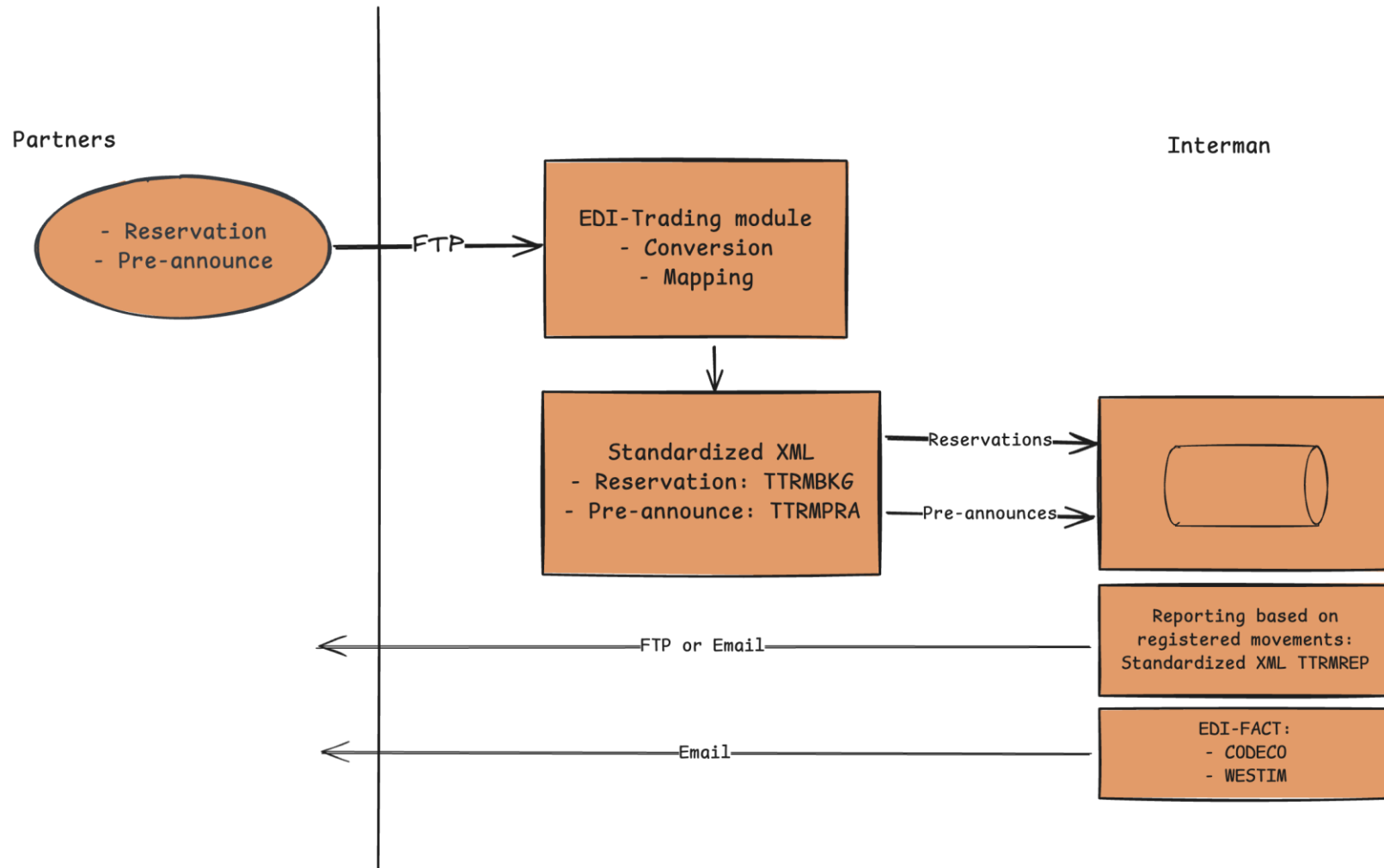
G
 CT: EVOU0906019 OK
 Positie: 01L30
 Bestek: 4425
 Creatie datum: 23-05-2022
 Aanvaard datum:
 Geweigerd datum:
 Uitgevoerd:
 Revised Est: 15-01-2025

G
 Bestek: 4425 CMA
 CT: EVOU0906019
 Totaal: 112
 Actie:
 Opm:
 Beperking:
 Opm. klant:
☐ Bijlage EIR
☒ Bestek volledig

Nieuw Create/Open
 Uitvoeren Annuleren

OK Annuleren

EDI-COMMUNICATION



TRACKING & TRACING

Container status on the terminal – ETIS website

- Link to Interchange and photos of Scan Gate

Order status

Yard overview

Usage depending on access rights



The screenshot displays the IFB ETIS website interface. At the top, there is a logo for IFB ETIS and a language selector (English/Dutch). Below the logo, a banner shows various images of port operations. The main content area is divided into two columns. The left column, titled 'Terminal', shows 'Main Hub' and a link to 'Meer informatie over Main Hub'. Below this, the 'Unit' section shows 'XXXX800086' and a 'Tonen' button. The right column, titled 'Unit: XXXX800086', contains a table with details for 'Inbound Move' and 'Outbound Move'. The 'Inbound Move' section shows a truck icon and details: ID: AF553, Modus: TRUCK, Tijdstip: 27/11/2001 11:18, Transportmodi: TRANSAIT, Reisnummer:, Klasse: EX, and Categorie: F. The 'Outbound Move' section shows a train icon and details: ID:, Modus: RAIL, Tijdstip:, Transportmodi:, Reisnummer:, Klasse: EX, and Categorie: F. At the bottom of the page, there are links for 'Inloggen', 'Registreren', and 'Gebruiksvoorwaarden', along with the text 'Best weergegeven in 1024x768'.

Unit: XXXX800086	
Oorsprong: Antwerpen	Schip:
Bestemming:	Reisnummer:
Inbound Move	Outbound Move
	
ID: AF553	ID:
Modus: TRUCK	Modus: RAIL
Tijdstip: 27/11/2001 11:18	Tijdstip:
Transportmodi: TRANSAIT	Transportmodi:
Reisnummer:	Reisnummer:
Klasse: EX	Klasse: EX
Categorie: F	Categorie: F

[Inloggen](#)
[Registreren](#)
[Gebruiksvoorwaarden](#)
Best weergegeven in 1024x768

EXISTING INSTALLATIONS



LINEAS
Antwerp, Belgium



ATO
Antwerp, Belgium



ETG - ESSERS
Genk, Belgium



TERMINAL ATHUS
Athus, Belgium



PAS
Strasbourg, France
Lauterbourg, France



COMBINANT
Antwerp, Belgium



CFL
Bettembourg, Luxembourg



CONTARGO
Mannheim, Germany
Ludwigshafen, Germany



TERMINAL HGK
(Cologne) Köln, Germany



Interman is a product of

B. REKENCENTRA NV

Part of TSS - Total Specific Solutions

Mr. Karel Tavernier

Managing Director

Email : Karel.Tavernier@rekencentra.be

Phone : +32 (3) 470.14.00

Mr. Bart Van Cauter

Project Leader

Email : bart.vancauter@rekencentra.be

Mr. Geert De Vrij

Product Owner

Email : Geert.DeVrij@rekencentra.be

Phone : +32 (3) 470.14.00

B. Rekencentra NV – Since 1983

Kromstraat 50, 2520 Ranst, Belgium

BE 0758.743.797

Tel. (32) 3-470 14 00