

TRANSFERENCIA DE
SOLUCIONES LOGÍSTICAS TIC
AL ENTORNO PORTUARIO

Sevilla,
6 Abril 2016

JORNADA DE INNOVACIÓN,
LOGÍSTICA PORTUARIA

OUR SERVICES

- CHARTERING
- ENGINEERING SERVICES
- SHIP AGENCY & NAVAL SERVICES
- LASHING, WELDING & SECURING
- CUSTOMS AGENCY
- CARGO INSURANCE
- FREIGHT FORWARDING
- AIRFREIGHT
- STEVEDORING
- WAREHOUSING
- INTEGRAL LOGISTICS
- SMART LOGISTICS SOLUTIONS

RETAIL & FOOD



WIND POWER



INDUSTRIAL PROJECTS

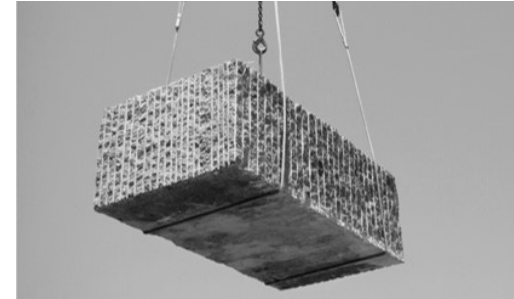


BUSINESS AREAS

AUTOMOTIVE



NATURAL RESOURCES



SHIP AGENCY



WHERE WE ARE

Global Headquarters



Country Headquarters

Angola – Namibe
Portugal – Valença

Brasil – Curitiba
Sudáfrica – Cape Town

China – Shanghai
Spain - Vigo

India – Chennai

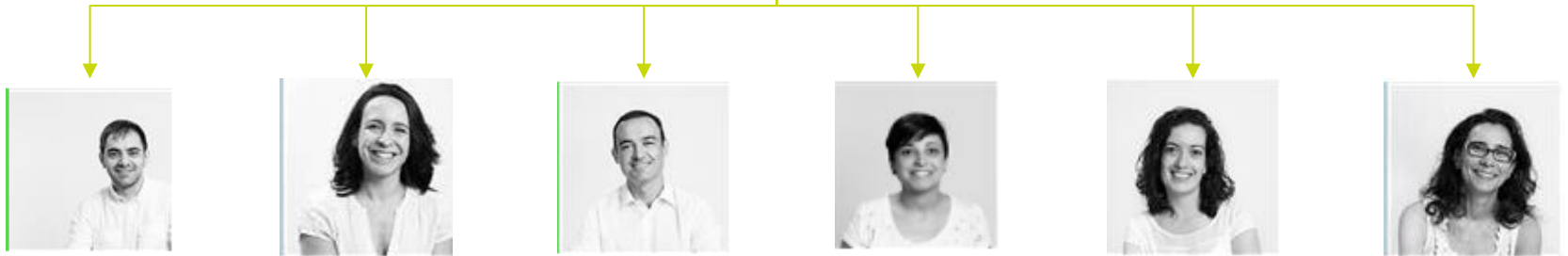
WE BELIEVE IN PROMOTING
LOGISTIC SERVICES ALWAYS
PIONEER, BRAVE AND COMMITTED,
ABLE TO ADD VALUE
BY OFFERING UNIQUE SOLUTIONS



THE POWER OF R&D

NEW LOGISTIC SOLUTIONS

THE TEAM



KALEIDO TECH OFFER

CARGO HANDLING SOLUTIONS

Protection Systems
Forklift Implements
Rigging accessories
Lifting appliances



CARGO LASHING & FASTENING SOLUTIONS



PROJECT TECHNICAL ASSISTANCE



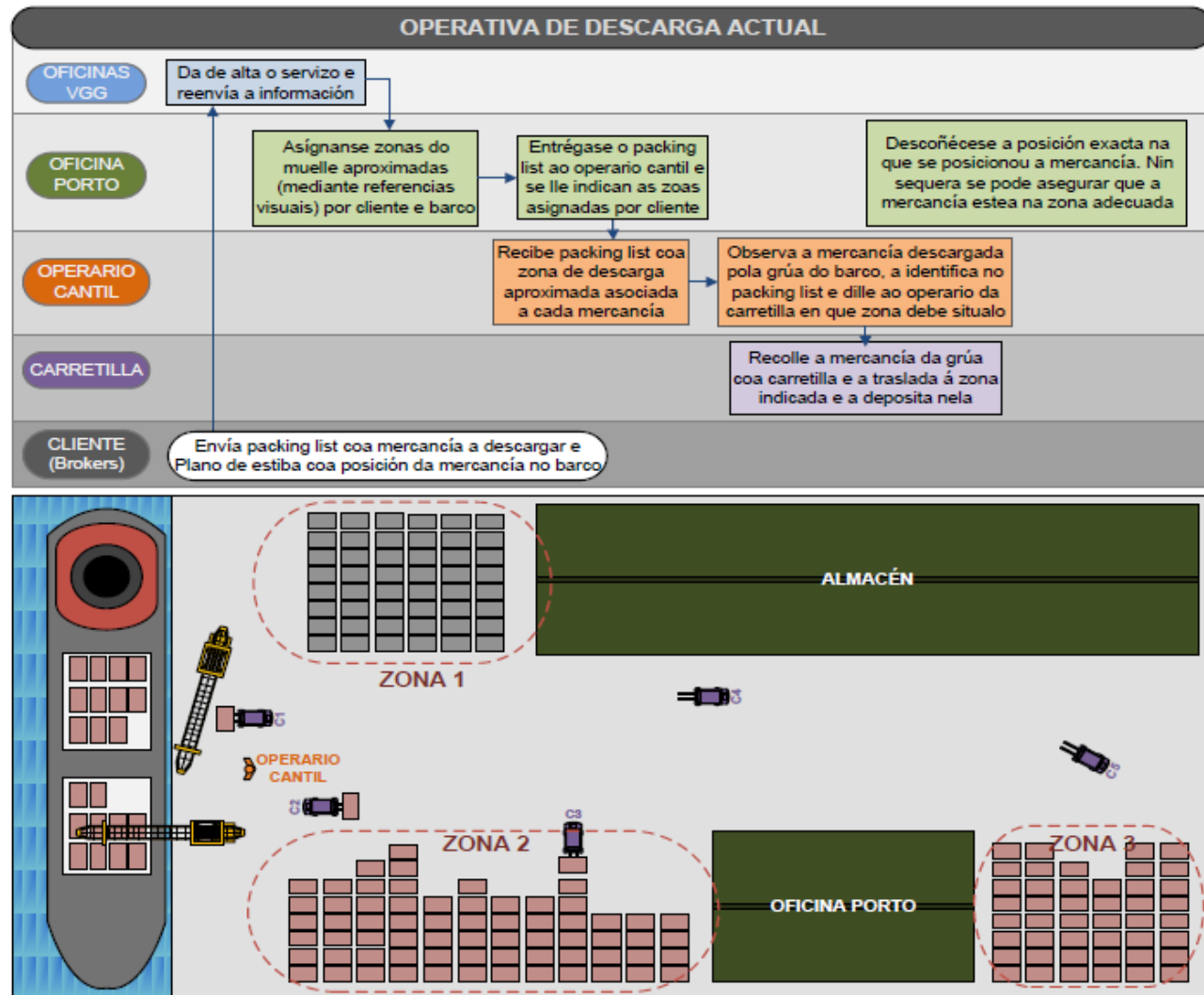
R&D

SUCCESS

STORIES

THE NEEDS

1.- CARGO FLOWS AND WAREHOUSE MANAGEMENT IN PORT SURFACE



THE NEEDS

2.- SAFETY, TRACEABILITY AND COST OPTIMIZATION

KVLEIDO
IDEAS & LOGISTICS

SISTEMA DE GESTIÓN DE MERCANCÍAS

Almacén

Histórico

Detalle

Gestión de usuarios

Código superpack:

BUSCAR

Barco: CONDOR ARROW

Fecha llegada: 2014-10-13

Fecha salida: 2015-03-27

Peso Bruto: 24470.0

Peso Neto: 24470.0

Marca: YELLOW GREEN

FECHA / HORA	UBICACION	INCIDENCIA	ESTADO	USUARIO
16/02/2015 12:03:39			Inventariado	user1
16/02/2015 12:20:42	DA01-04		Inventariado	user1
24/03/2015 11:18:15	DA01-04		Inventariado	user1
24/03/2015 11:21:08	DA01-04		Inventariado	user1
31/03/2015 11:53:25			Cargado	user1

THE CHALLENGES

1.- IRREGULAR & NON-CONTENERIZED CARGO



THE CHALLENGES

2.- OPEN & VARIABLE STOWAGE AREAS



THE CHALLENGES

3.- SIMPLICITY AND ROBUSTNESS

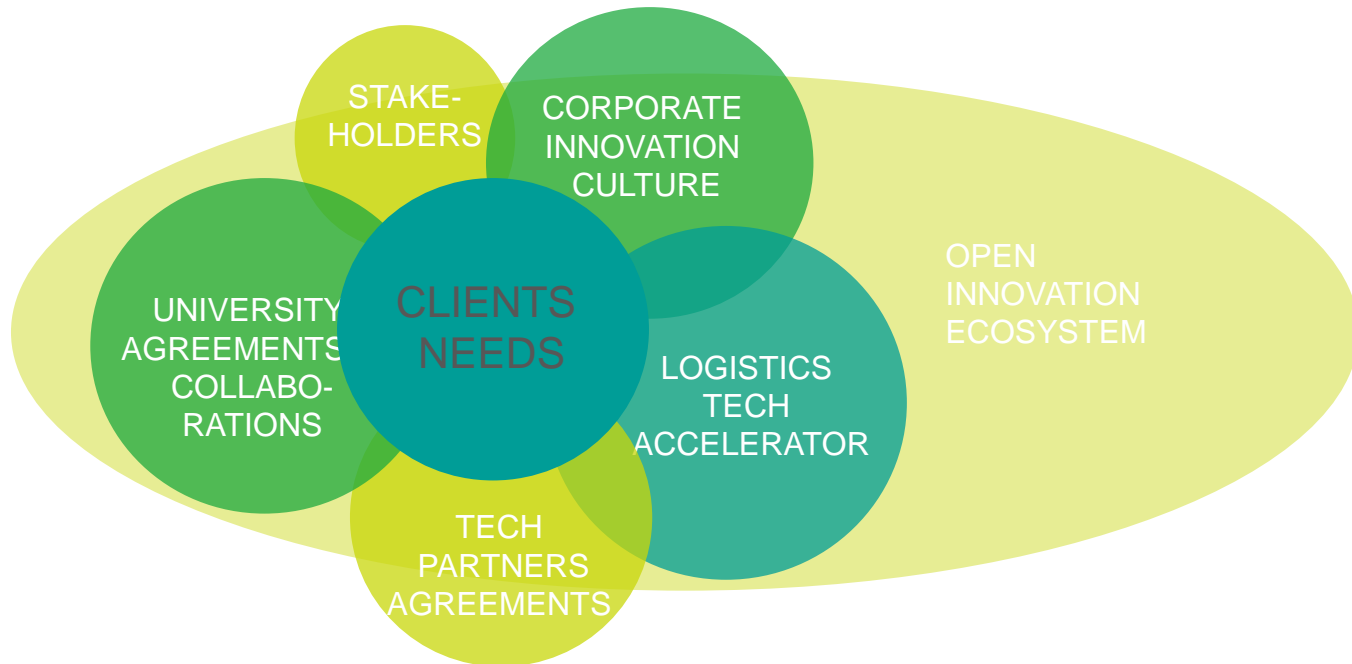


WAREHOUSE VS PORT DEPOT/SURFACE



THE METHODOLOGY

- 1.- REQUIREMENTS SPECIFICATION. STAKEHOLDER CONSULTATION
- 2.- WORKING TEAM FORMATION. OPEN INNOVATION
- 3.- SOLUTION PROPOSAL
- 4.- SOLUTION DEFINITION
- 5.- SOLUTION DEVELOPMENT
- 6.- SOLUTION TESTING
- 7.- UPDATING/EVOLVING PROCESS



THE SOLUTIONS

1.- THE PROJECTS

KALEIDO
KARGO
LOC

CARGO LOCATION SYSTEM FOR
VARIABLE AND OPEN SPACE
AREAS BASED IN GPS
TECHNOLOGY.



KALEIDO
SIMLOC

CARGO LOCATION SYSTEM FOR
VARIABLE AND OPEN SPACE
AREAS BASED IN RFID
TECHNOLOGY AND SIM DATA
TRANSFER.

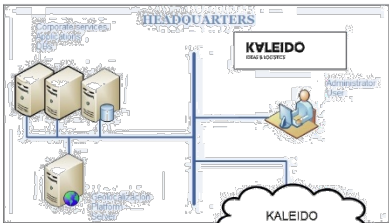
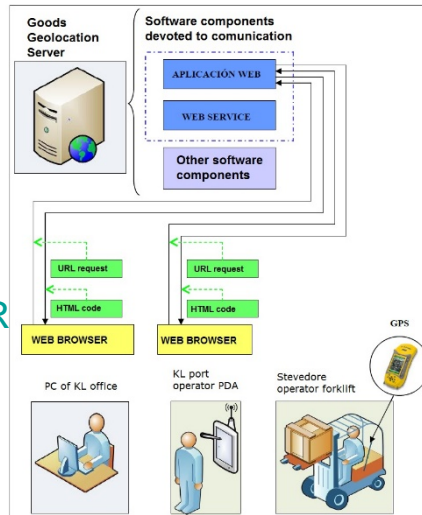


THE SOLUTIONS

2.- ICT SYSTEM ARCHITECTURES & TECHNOLOGIES

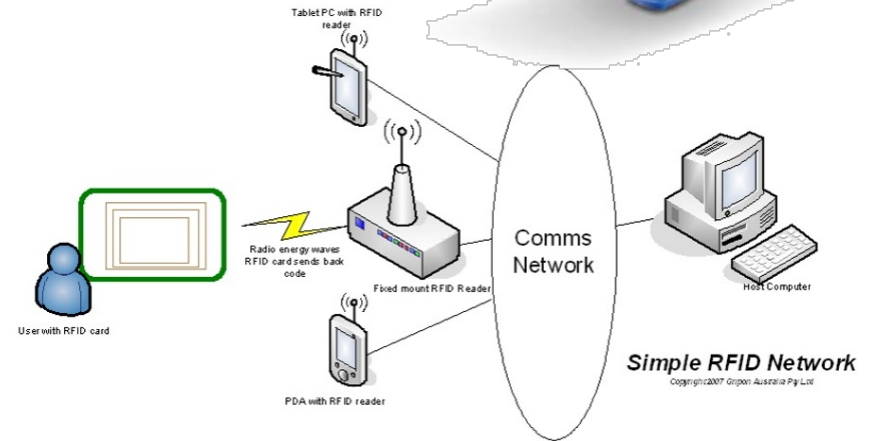
KALEIDO KARGO LOC

GPS
WI-FI
LOAD SENSOR
PDA
CENTRAL SERVER



KALEIDO SIMLOC

RFID
SIM
TAGS + HAND-HELD RFID READER
CENTRAL SERVER



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THE SOLUTIONS

3.- THE RESULTS



KVLEIDO

KARGO
LOC



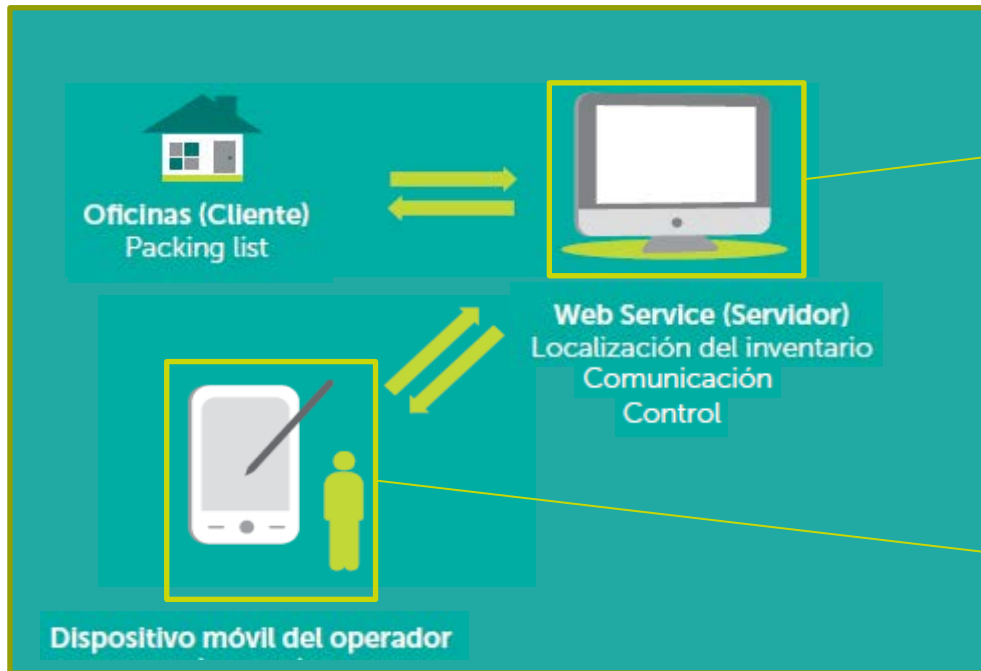
THE SOLUTIONS

3.- THE RESULTS

MODULAR SYSTEM:

- PL GENERATION
- UNLOADING OPERATION CONTROL. SUPERPACK IN
- INVENTORY CONTROL
- SUPERPACK OUT

KVLEIDO
SIMLOC



KVLEIDO SISTEMA DE GESTIÓN DE MERCANCIAS Anexión Histórico Detalle Gestión de usuarios

LISTADO DE SUPERPACKS

Cliente: Todos Marca: Todos
 Almacén: Todos DVD: Todos
 Estibe: Todos Fecha Entrada Desde: Fecha Entrada Hasta:

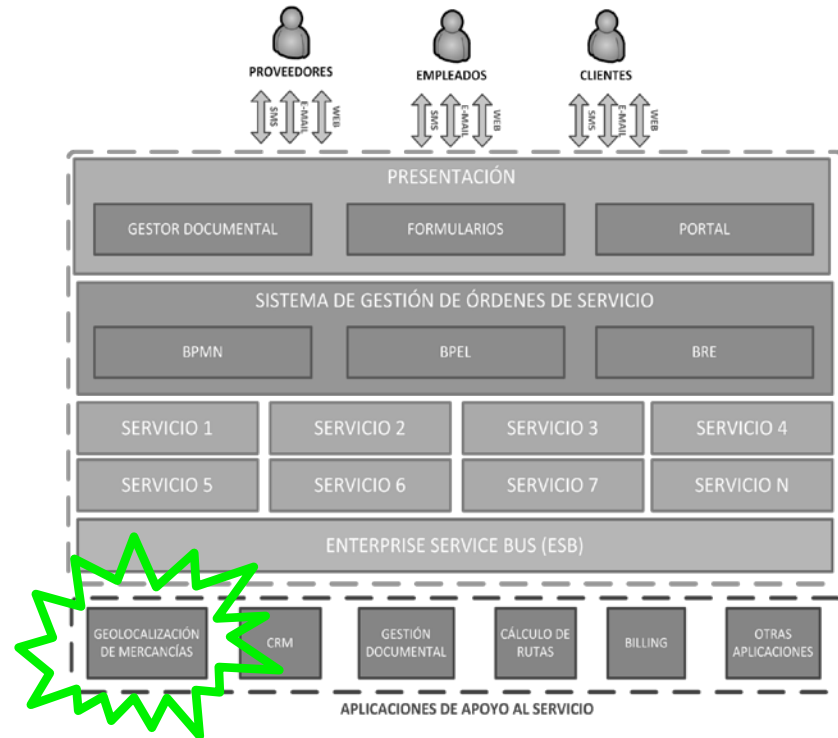
Mostrando 10 elementos

SUPERPACK	BARCO	MARCA	ENTRADA	P. NETO	ZONA	FILE	POSICIÓN FILE	DVD
146649	0959 THOR FORTUNE	RED GREEN	11/07/2015	24706.0	Pizza	Estiba 06	8	
103058	0959 THOR FORTUNE	BLACK YELLOW	11/07/2015	24503.0	DA61	Estiba 10	9	
103078	0959 THOR FORTUNE	RED GREEN	11/07/2015	24512.0				
103098	0959 THOR FORTUNE	RED GREEN	11/07/2015	24444.0	Pizza	Estiba 06	13	
103081	0959 THOR FORTUNE	RED GREEN	11/07/2015	24000.0	Pizza	Estiba 06	15	



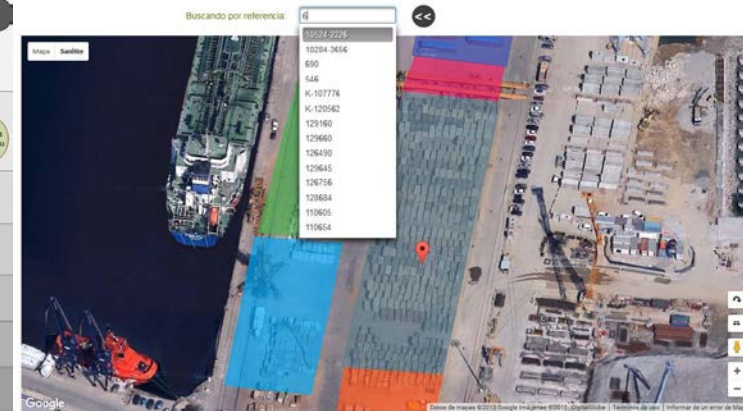
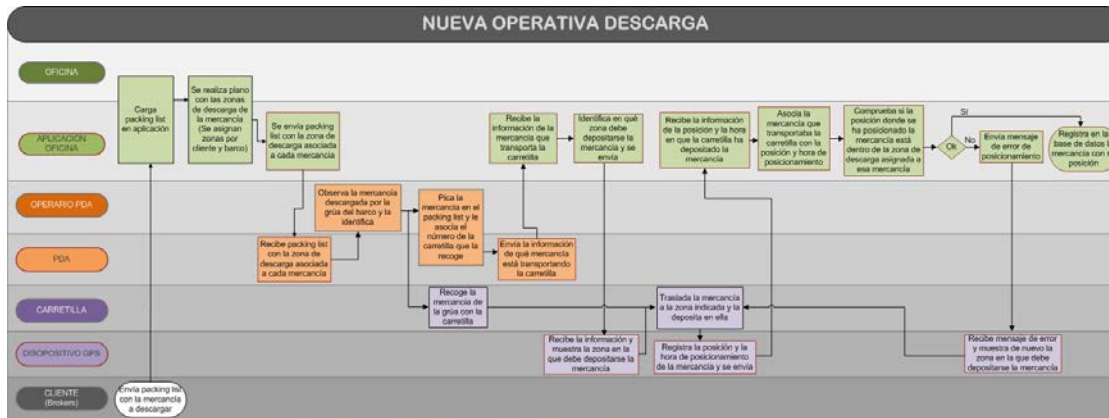
THE AFTER-PROJECT INVESTMENTS

- 1.- STAFF TRAINING
- 2.- EQUIPMENT AND SYSTEM MAINTENANCE
- 3.- SUPPORT
- 4.- CONTINUOUS IMPROVEMENT ACTIONS



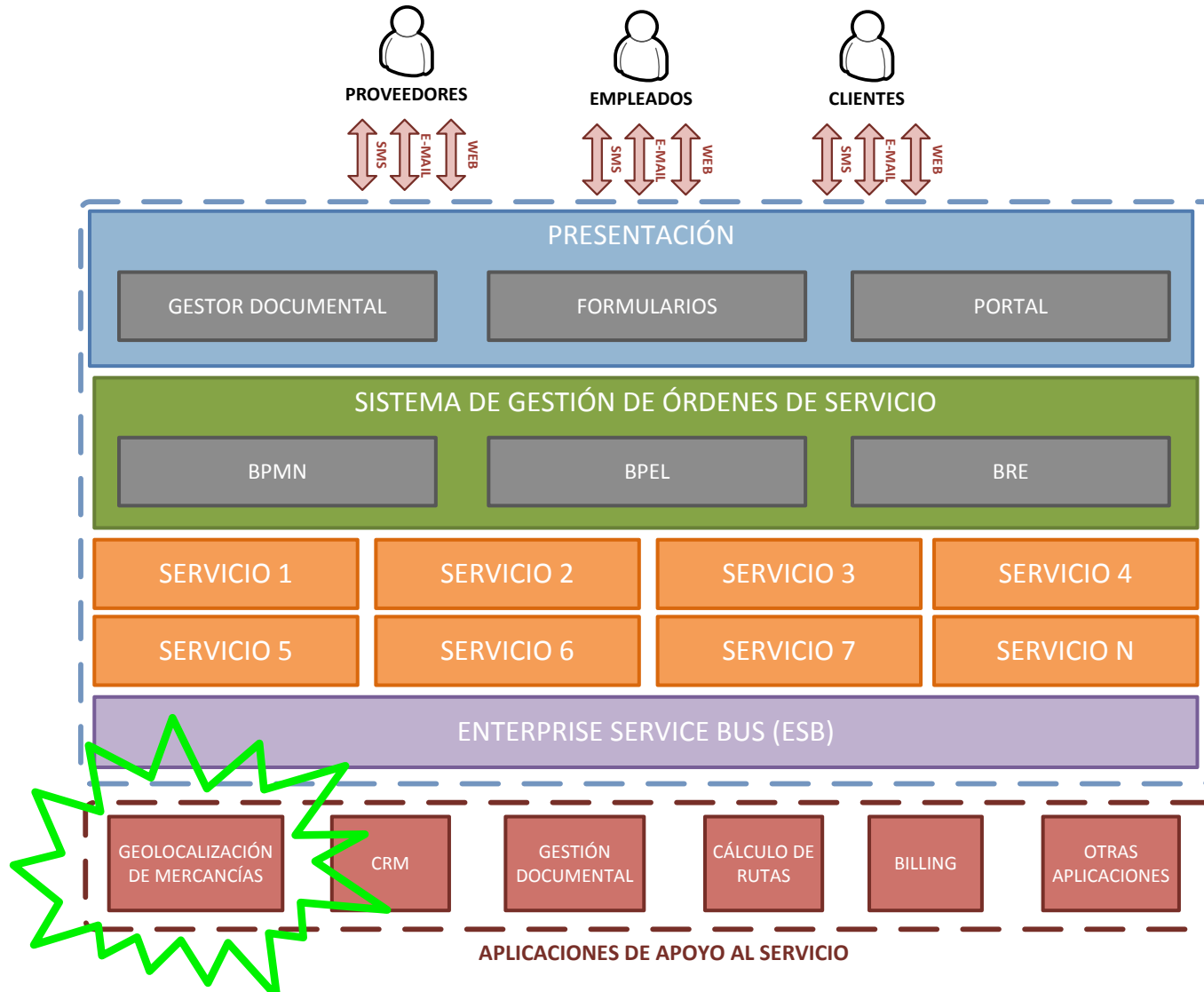
THE BENEFITS

- 1.- FULLY OPERATIONAL SYSTEMS FOR DAY-TO-DAY OPERATION
- 2.- UPDATING AND OPTIMIZATION OF OPERATIONS
- 3.- ZERO ERRORS
- 4.- MAN-HOUR AND MACHINE-HOUR REDUCTION



THE FUTURE

IT PLATFORM INTEGRATION + INTERACTION WITH IoT



THE FUTURE

AUTONOMOUS SYSTEMS INTEGRATION





RETHINK LOGISTICS

KALEIDO
IDEAS & LOGISTICS

Mar Rodriguez

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<https://www.kaleidologistics.com>