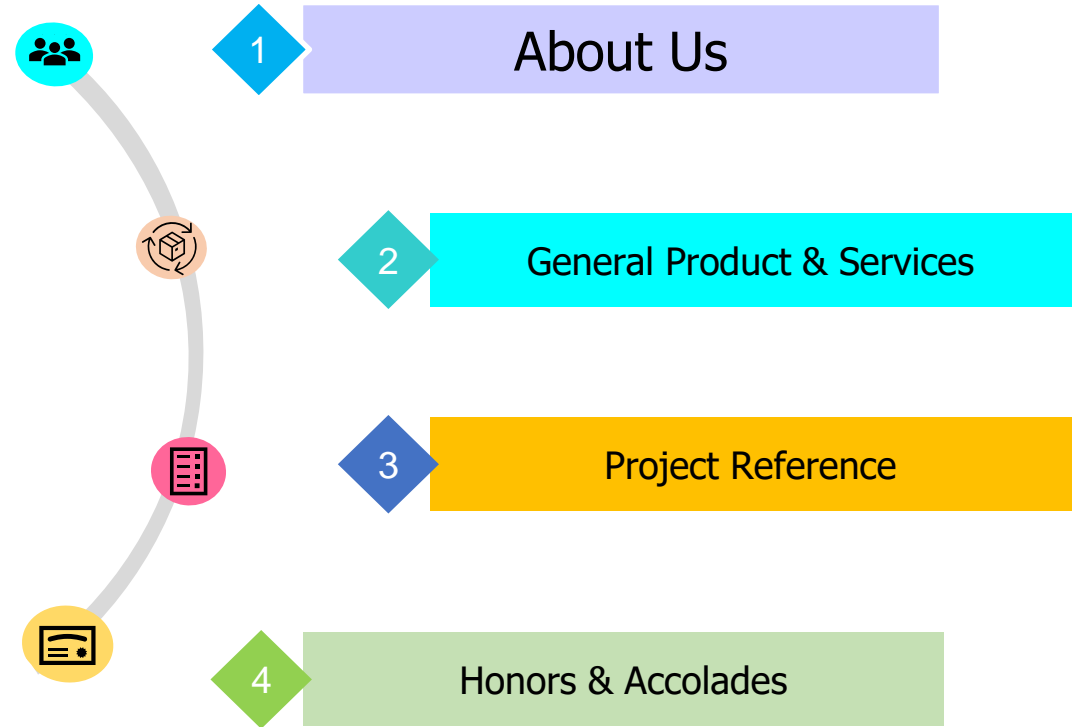




Elevating Urban Mobility with
ENERGY INTERNATIONAL

Table of Content



About Energy International



Aerospace



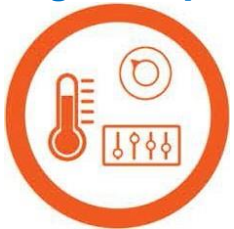
Parking/Transportation



Renewable Energy



HVAC



Building Controls



Manufacturing

Our focus is on developing a solid and dependable relationship with our customers by offering full support before and after the sale. We are the first to introduce the latest technologies, making us the supplier of choice for our customers.

We believe in establishing strong relationships with our suppliers and the companies we represent, combining our knowledge and expertise to provide quality products and services to our customers throughout the Middle East and Africa.

We represents an impressive list of world-class manufacturers whose names are well-respected throughout the industry for their dedication to delivering top quality products while maintaining environmentally and socially responsible practices.

We offer an extensive list of products and a promise to provide customers with the latest state-of-the-art technologies, working closely with our customers in the pursuit of more efficient and sustainable uses of their engineering resources.

Our qualified service personnel are experts in the installation, service and maintenance of our complete product line. They are committed to making sure that your systems are always performing at their most efficient capabilities.

Founded in:
USA – 1979
UAE – 1982



Management System
ISO 9001:2015
ISO 14001:2015
ISO 45001:2018
www.tuv.com
ID 9105044180

**350+ Engineers
/ Managers
100% GCC
Establishment**

Project and System Integration Services

- Program and Project Management
- Locally based team in Middle East
- Detailed planning and deliverables
- **Design Assistance**
- 30+ years regional assistance
- Consultation services
- Assist in system design specifications
- Pre-Launch Services
- Site surveys
- Capacity planning
- Equipment installation / warehouse
- Testing, FAT, SAT, UAT support



Level 1 to Level 4 Maintenance Support

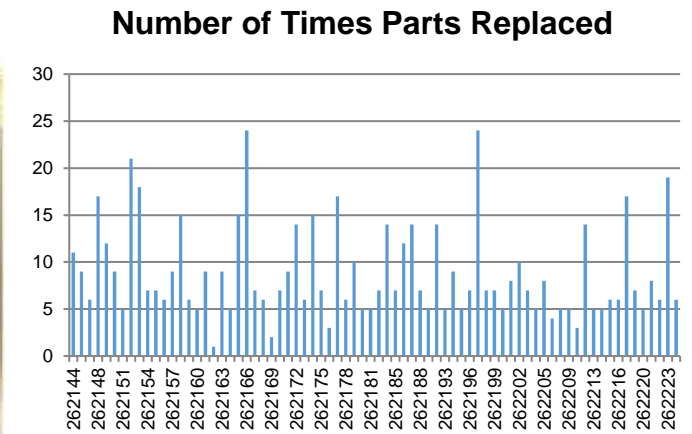
- Local support via telephone, network, physical presence for all maintenance levels
- Ticket/Issue management system, system training to end user, & spare parts logistics

- Level 1 Support:

- Perform PM
- Collection field data
- Document field issues
- Cleaning equipment

- Level 2 Support:

- Repairing modules onsite
- Replacement of consumables
- Upgrades on equipment



Level 1 to Level 4 Maintenance Support

- Level 3 Support:

- Analysis of log files
- Trend analysis of data
- Server monitoring
- Administration of database
- Software patches/upgrades
- Anti-Virus protection

- Level 4 Support:

- In lab repairs
- Root cause and analysis
- Overhaul of major components
- Hardware/Software life cycle management





Energy International

General Product & Services

Parking and Transportation EcoSystem:

- **Smart On-street Parking Machines** for on-street parking of vehicles.
- **Automated Fare Collection system** for public transport (metro, bus, marine, taxi).
- **Automated Vehicle Location system** for bus/tram operation and optimization.
- **Real Time Passenger Information Systems** to inform customers where to go and what to do.
- **SMART Parking Enforcement Solution**
- **License Plate Recognition ANPR Enforcement Systems** for various government applications.
- Customized **Solar powered Poles** for Smart city applications
- **Electric (EV) Buses** from a reputable German manufacturer.
- **Electric (EV) Chargers** for charging vehicles of all types.
- **Solar Powered Streetlights** customized for smart city applications.
- **IOT Monitoring Solutions** and predictive maintenance for workshops and high value assets.
- **Vehicle telematics** solutions for optimization of government KPIs related to performance.
- **Modular business intelligence** customizable dashboards & KPI Portals for applications.
- In-Ground **Solar Pavement Tiles** for various charging needs.
- **Off-street Parking Systems** for multistoried car parks.

Energy International Partners:



SMART On-Street Parking Machines



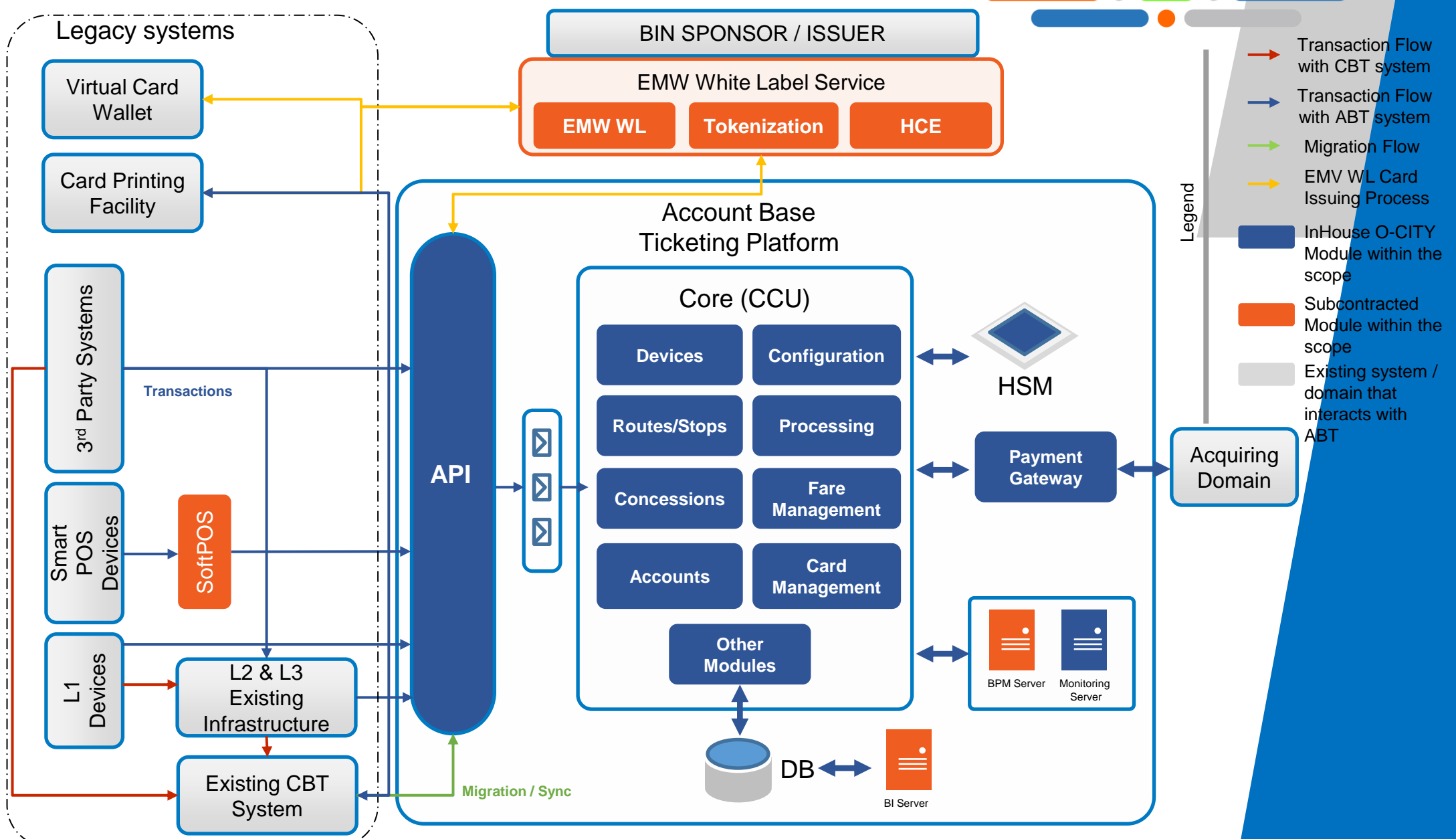
- SMART Solar Powered Multi-Purpose Citi-Hub, Model: 2020 with Linux CPU & 8" Color Touch Screen Display
- State of the art design and construction, enhanced electro-mechanics, simple touch screen based bilingual graphical user interface
- In addition to its standard functionality to accept coins & prepaid chip-cards, this SMART Solar Powered Multi-Purpose Citi-Hub has been designed to have the capability to support the following OPTIONAL Functionalities:
 - Bank Note Validator (for selective acceptance of bank notes in combination with coins depending on the tariff chosen - No change given)
 - Virtual Ticket functionality (environmentally friendly - no need to display ticket on vehicle dashboard, supports automated enforcement & enhances user convenience)
 - Contactless Reader (NFC, MasterCard PayPass, Visa PayWave + Apple Pay & Samsung Pay in future)
 - QR Code Reading & Printing - Parking coupons etc.
 - If Mains Powered, this Citi-Hub can be interfaced with our Charging Stations to charge Electric Vehicles (EVs)
 - 3G/UMTS OR 4G/LTE Modem for faster connectivity
 - Certified EMV Chip & PIN Credit Card Reader



Account Based Ticketing



Level 0 – CBT Fare Media (OPEN / CLOSED LOOP)



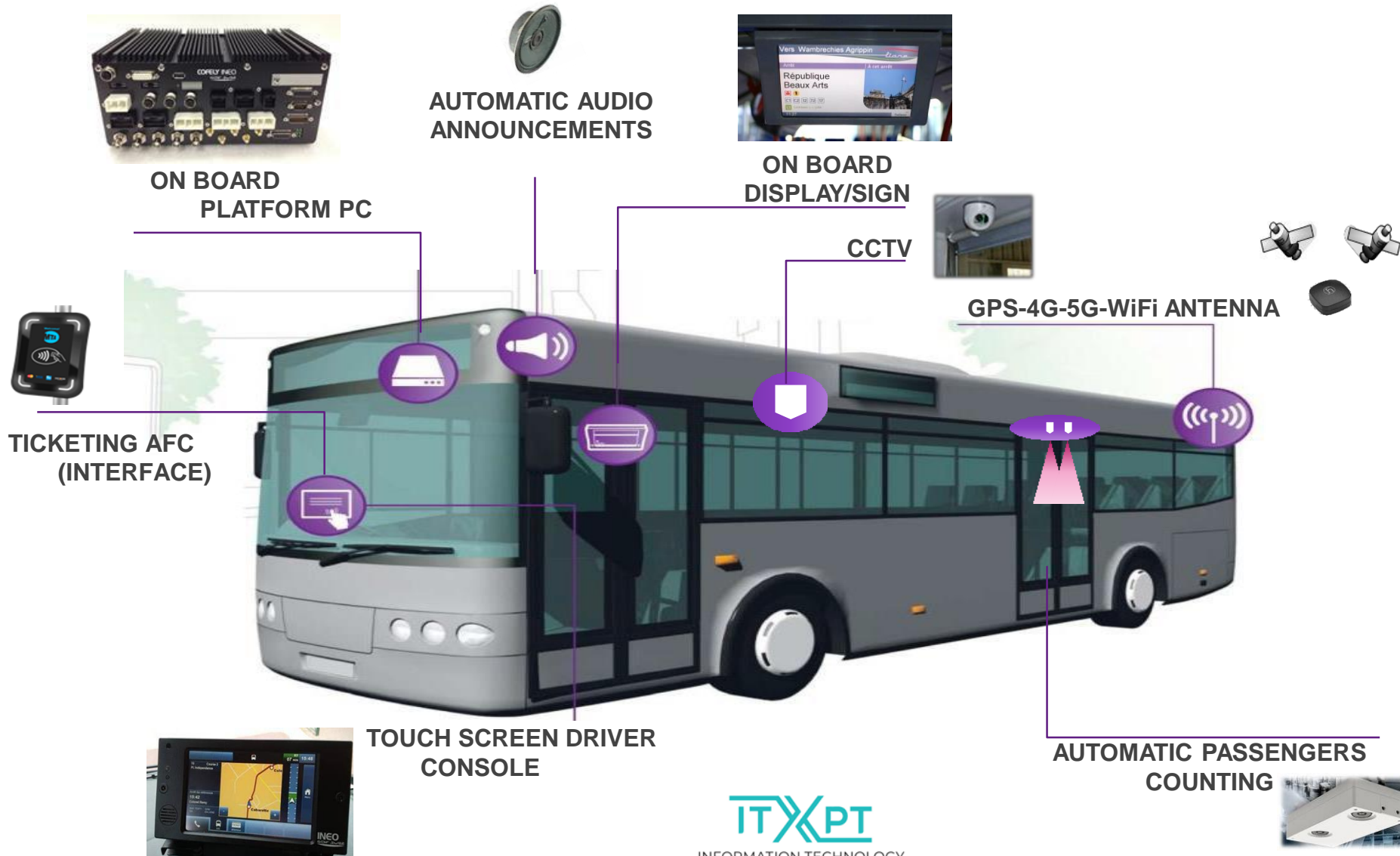
AFC: Automated Fare Collection System



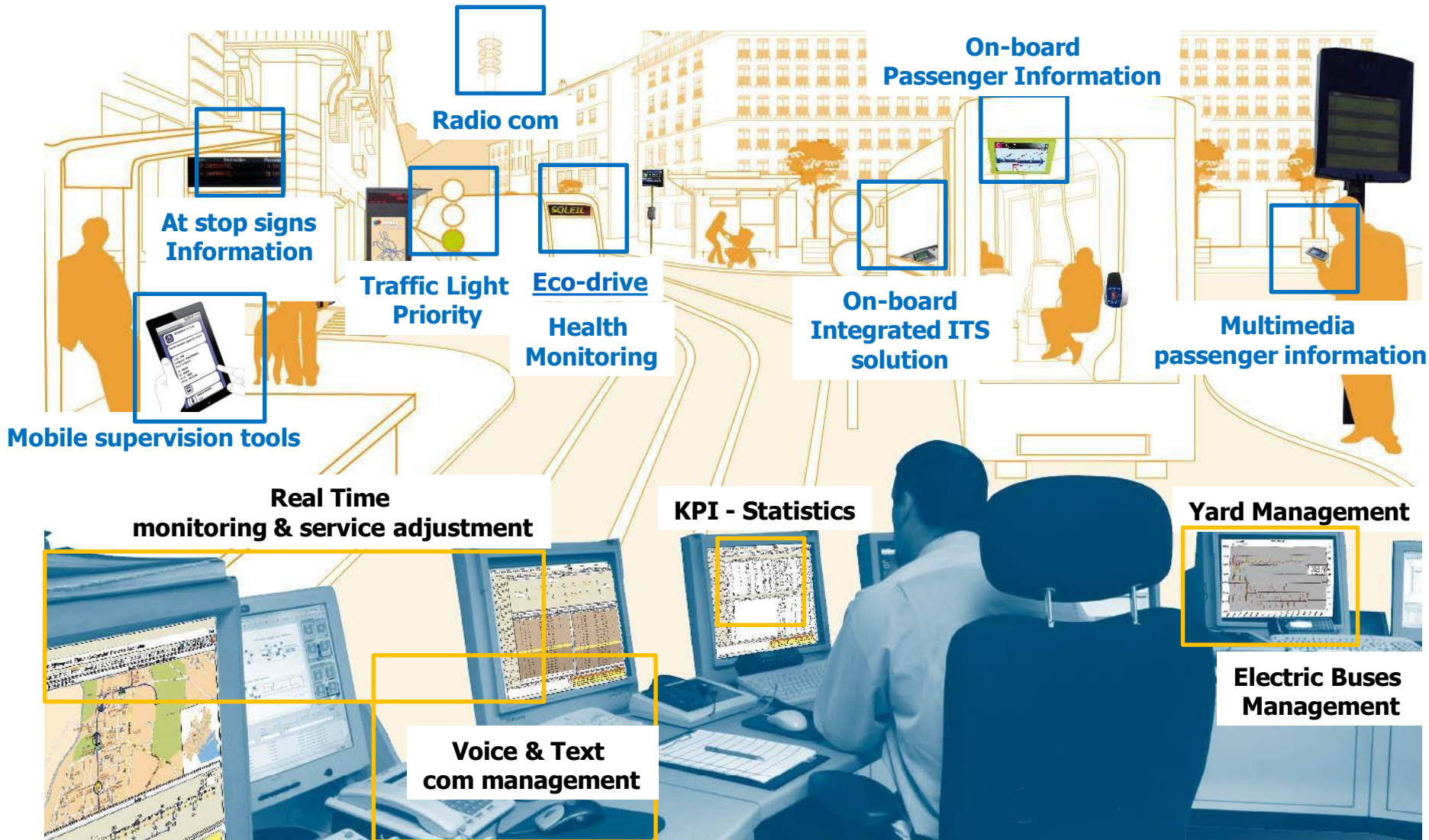
- Open API layer to integrate with any L1 device
- EMV L1/L2 devices available under products
- TVM/ TOM/ Validators/ Inspection Devices
- Seamlessly Integrate into our ABT solution
- Bar code reader functionality
- HW SAM Security Modules
- Open Loop Payment



AVL/AVM: In-Vehicle System



AVL/AVM: Vehicle Management



RTPI Displays:



- Solar Powered E-Paper Displays, RTPI LCD Displays including Interactive touchscreen displays
- Customer has option to feed the Real Time Passenger Information through various feeds such as GTFS / SIRI-SM

Existing Displays at Bus Stops

13.3" E-Paper (Single & Double)



Proposed Additional Displays for Bus Stations

75" LCD



46" LCD P



46" LCD L



RTPI Displays:



- OUTDOOR E-PAPER DISPLAYS OF VARYING SIZES
- Ruggedized IP67 & IK09 enclosures



RTPI Displays:



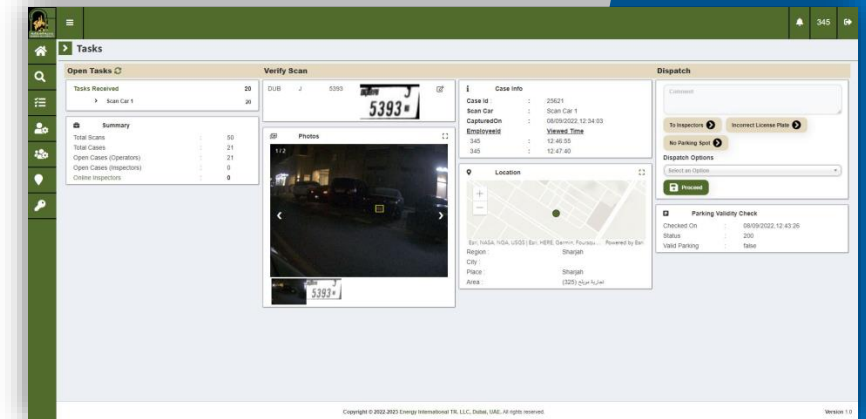
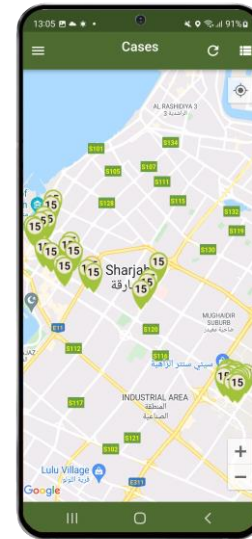
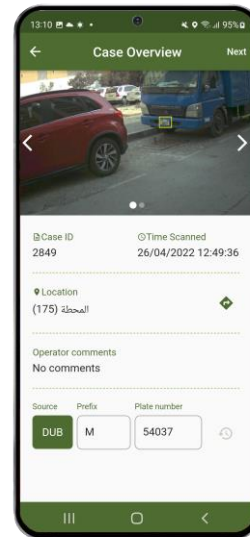
- CUSTOMIZATION POSSIBLE



SMART Parking Enforcement Solution

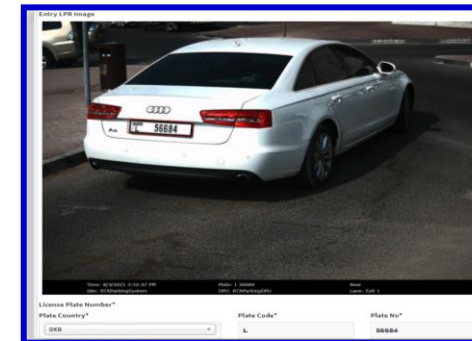
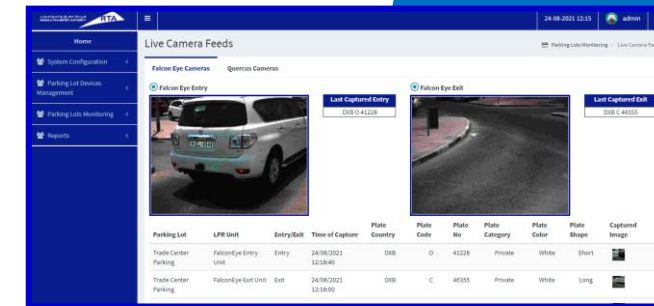
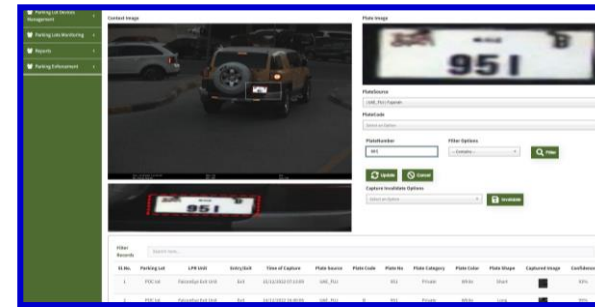


- Automates Enforcement of On-street and Off-street parking locations by scanning vehicle number plates checking if the payment has been done
- High quality proven mobile ANPR cameras with 95%+ accuracy
- In-house developed complete backend and frontend application for capturing and displaying all the vehicles captured along with checking and editing violations.



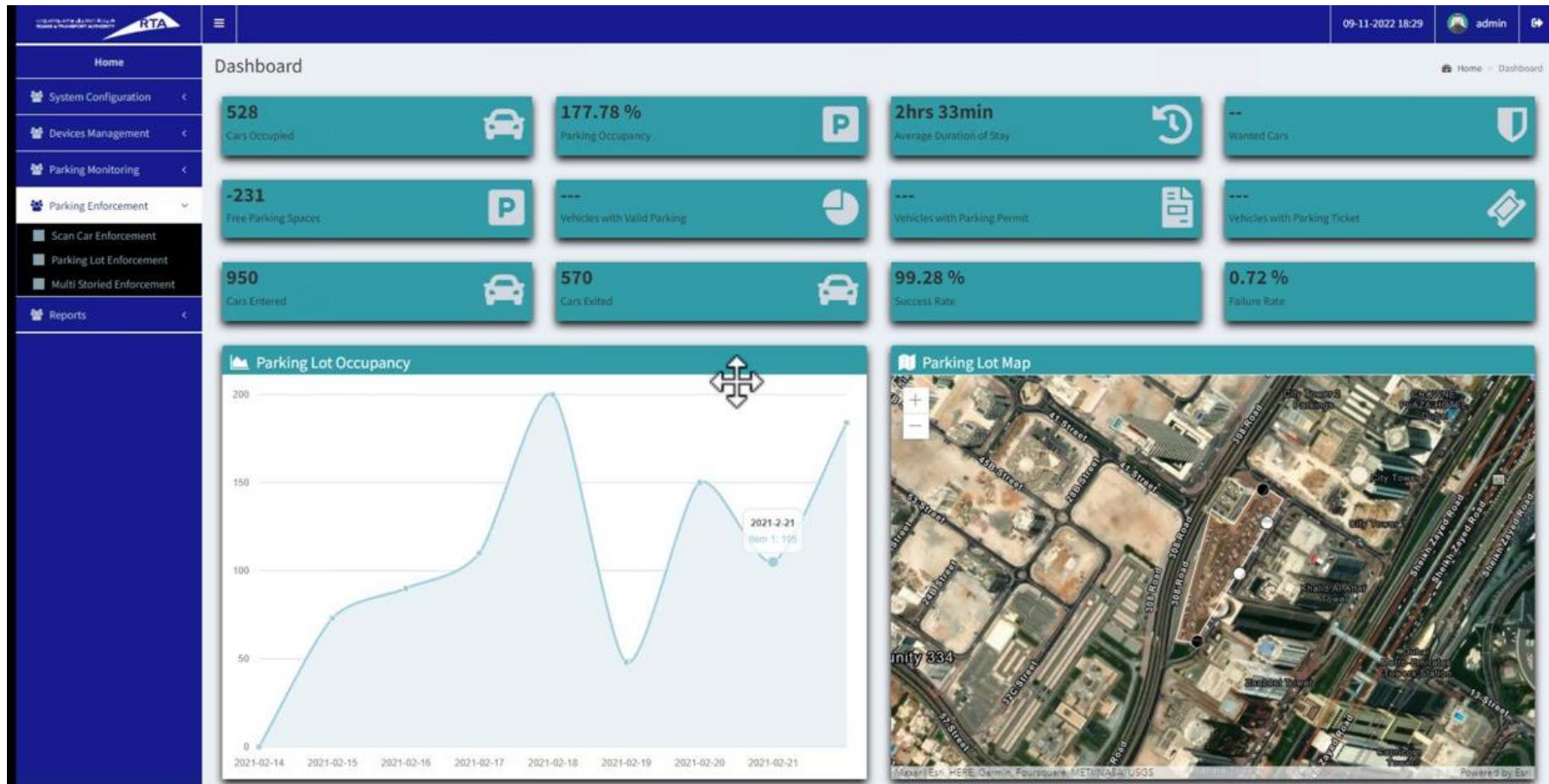
Smart ANPR Solution: Overview

- Automates Enforcement using Solar Powered SMART ANPR Access cameras
- The system captures number plates of all vehicles
- High quality proven ANPR cameras with 99%+ accuracy
- Number plates along with date and time are captured at entry and exit; Fee/Fine can be calculated based on the duration the vehicle was present in the area
- In-house developed complete backend and frontend application for capturing and displaying all the ANPR camera captures.
- The management application also shows Live feed from the camera with the captured data, Vehicle count, duration report etc.

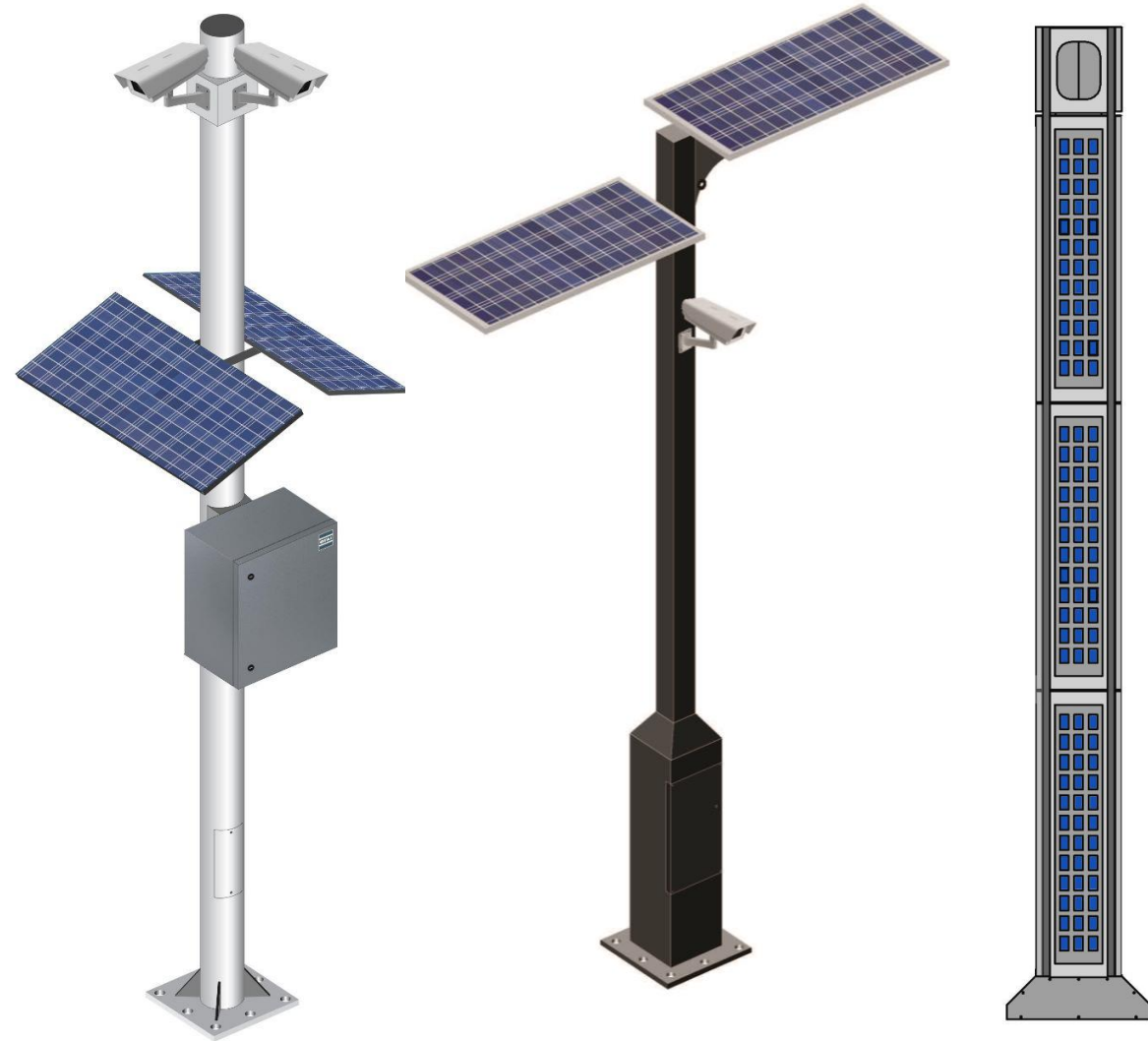


Smart ANPR Solution: Dashboard

- map of the parking lot showing entry and exit locations
- Parking lot occupancy information
- Average duration of each vehicle stay in the parking lot



Customized Solar Powered Poles: Streetlights & Smart City Applications



Electric Buses: Overview

eurabus

DRIVEN BY ELECTRIC POWER



- + **Highest Range**
Twice as far as European competitors
- + **Highest Battery Performance**
10 years warranty on battery longevity
- + **Modular System**
E-buses can be mounted directly in the target market
- + **Lightweight-technology**
Innovative lightweight module system
- + **High delivery capability**
Expansion of capacity to 10,000 to 12,000 buses/year

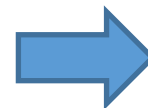
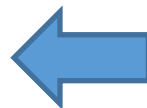
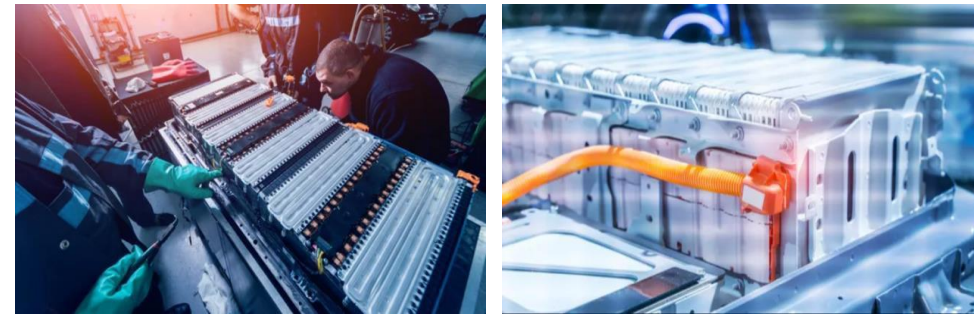
EURABUS has the **lowest life cycle costs** compared to its competitors. The powerful battery eliminates the need for a complex charging infrastructure. Operators thus benefit from **favorable electricity tariffs during night-time charging (up to 80% less electricity costs)**.

Electric Buses: Highlights

eurabus

DRIVEN BY ELECTRIC POWER

- Lightweight aluminum construction
- Low energy and operating costs
- Up to 650km range with one charge
- Up to 10 years battery life
- Great battery temperature range (-30°C to +45°C) with water cooled up to 65°C
- AC-onboard charging and/or DC-offboard charging



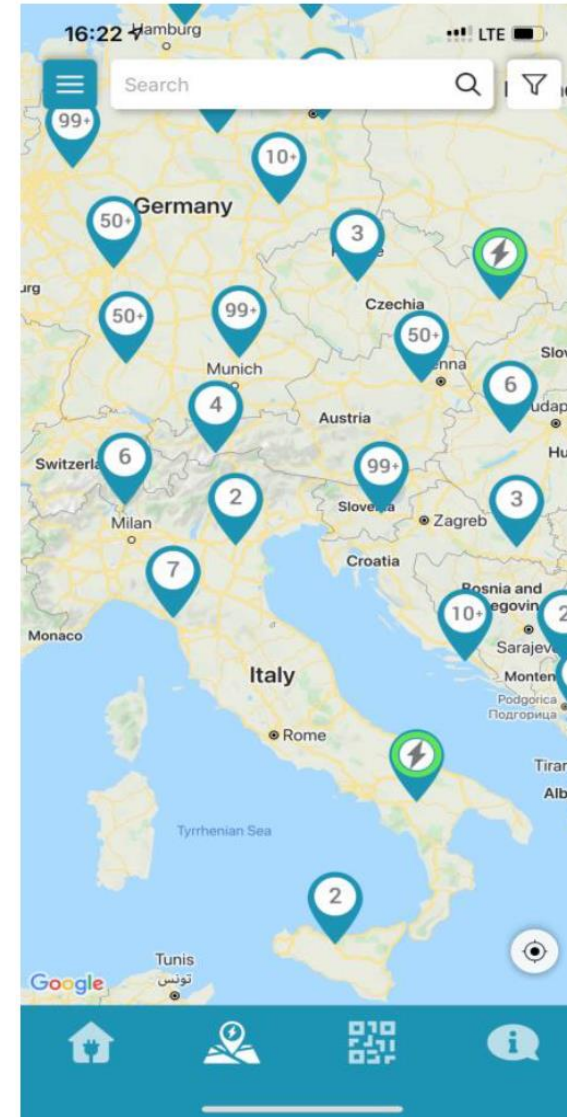
EV Chargers:

- -250,000 EV Charging Stations currently handled via EU Hub backend
- Full Range of EV Chargers as follows:
- **AC Charging Stations:** AC 1x22kW Smart Home Charging (wall or pole mounted), AC 2x22kW standalone / wall mounted for private / public use.
- **Fast & Ultrafast Chargers:** DC 40kW, DC 60kW, DC 150kW & DC 350kW
- Great battery temperature range (-30°C to +45°C) with water cooled up to 65°C
- AC-onboard charging and/or DC-offboard charging
- User Friendly with dedicated backend system



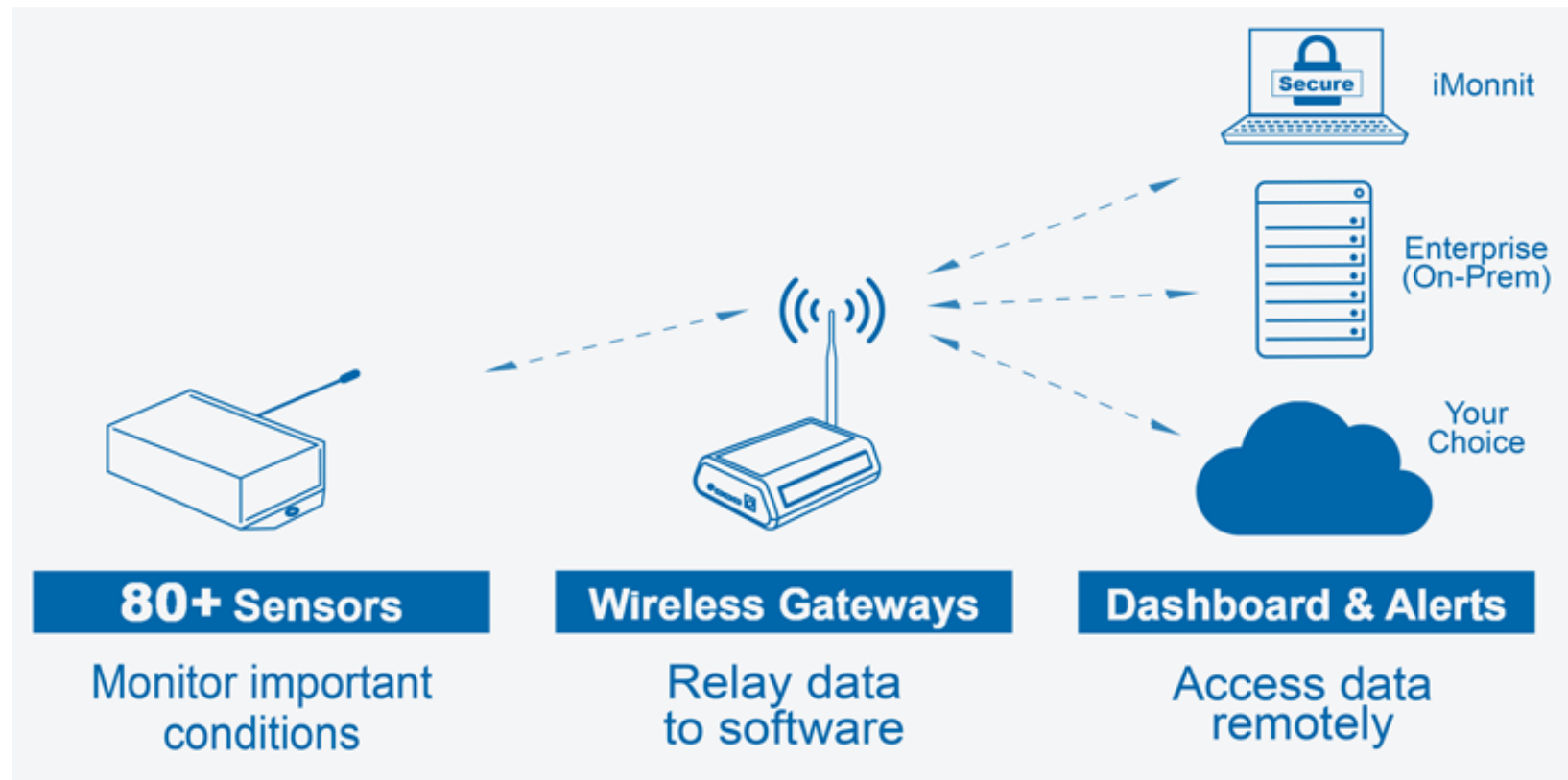
EV Chargers: Mobile App

- White Label with Advanced Branding Options
- Bilingual (Arabic & English)
- Simple Registration with Credit Card
- Interactive map with location of the nearest available EV chargers
- Authorization with RFID Card (Business, Dedicated, Loyalty, Green Card)
- QR Code charger activation (for ad-hoc users and tourists)
- Single Application for home charging management and activation of company / public EV Chargers
- More than 250,000 EV Charging Stations across Europe and Middle East



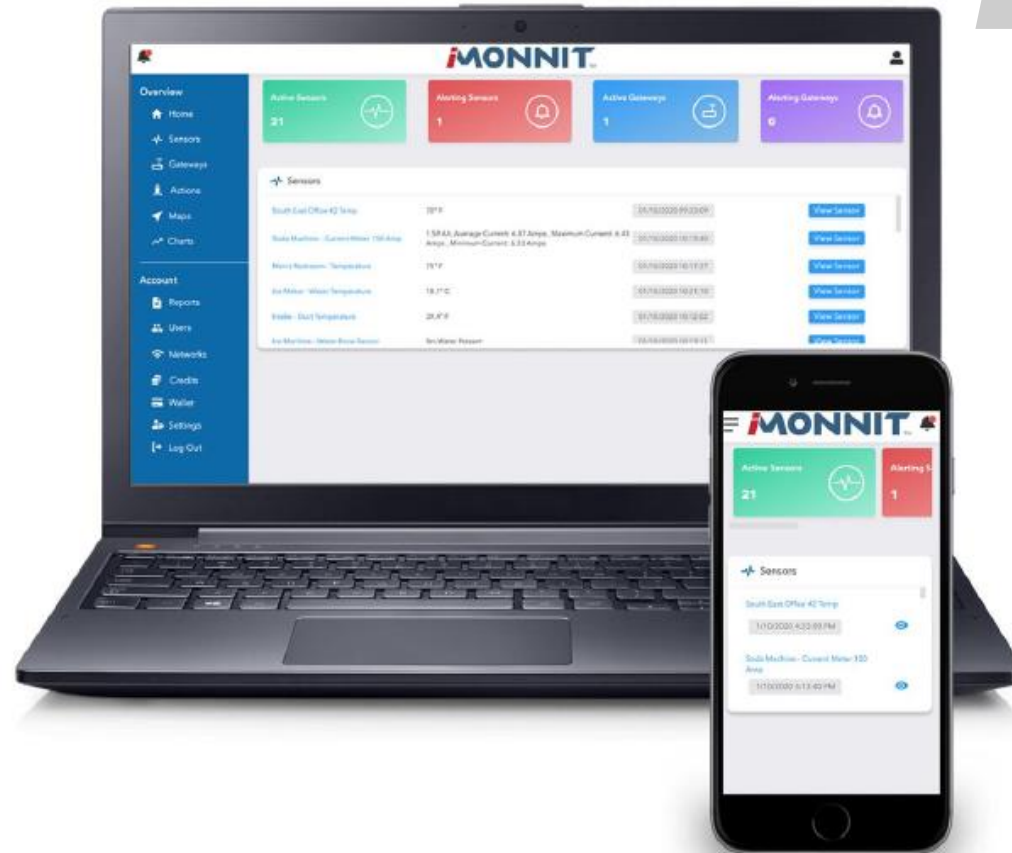
IOT Solutions: Overview

- Monitoring of environmental and infrastructural concerns with industry leading wireless sensors platform
- Provides early warnings allowing users to address issues before they become problems



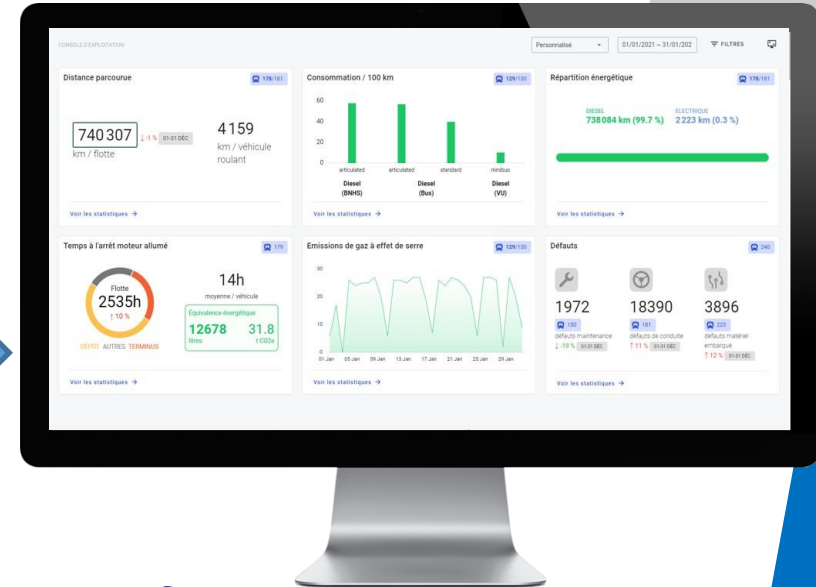
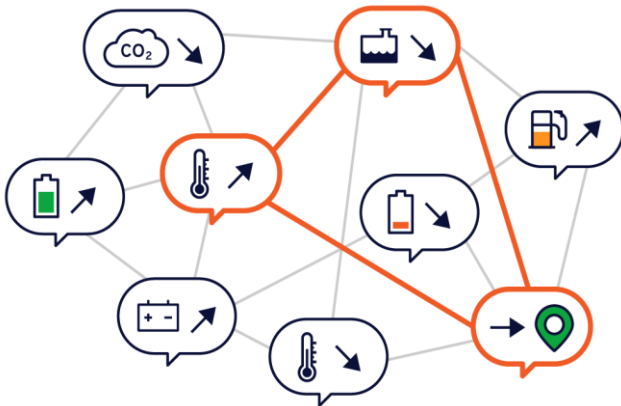
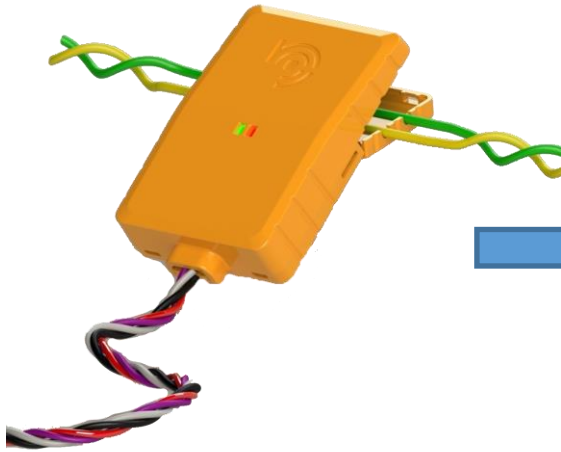
IOT Solutions: Features

- Easy-to-Use / Simple Setup
- Cost Effective
- Low Power / Long Life Battery
- Reliable RF Communication
- Widest Variety of Sensor Types
- Available in 868 and 433 MHz
- Robust & Secure Platform
- Access anytime & anywhere
- Easy Scalability
- Unlimited Users
- API for easy 3rd party integration
- Email, SMS, & Local Alert



Telematics: Solution

- Capte system acquires and processes large amounts of raw data from your equipment and transforms it into relevant information and indicators.



1 Acquisition

- ✓ All vendors and energy sources.
- ✓ Harmless to OEM's warranty.
- ✓ Plug & Play – non-intrusive.

2 Processing

- ✓ Specific and generic algorithms.
- ✓ Detection and prediction of failures.
- ✓ Generation of statistics.
- ✓ Raw data processing.

3 Visualization

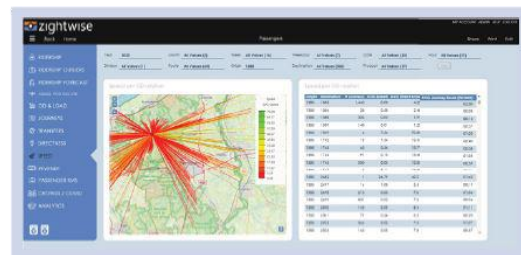
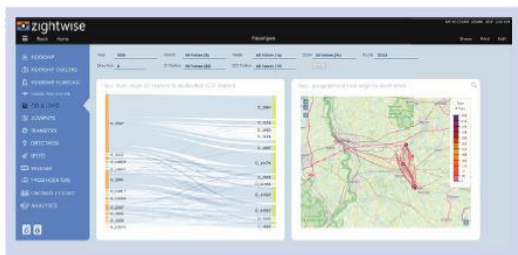
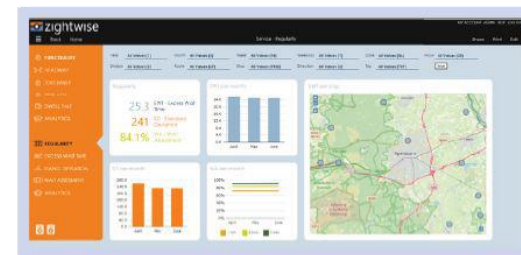
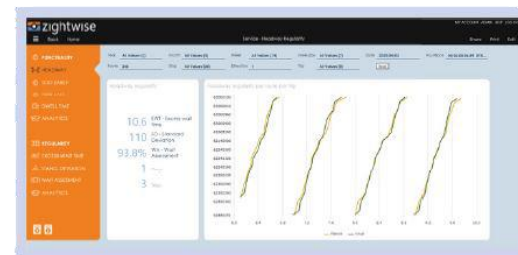
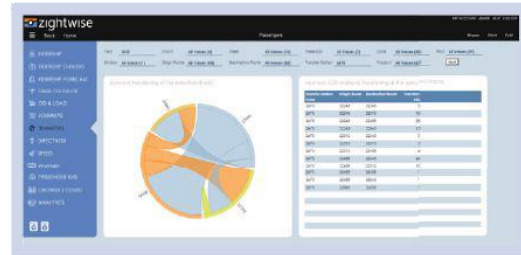
- ✓ Aggregate reports on all equipment.
- ✓ Contextualized alerts and statistics.
- ✓ Real-time data and positioning.
- ✓ Customizable reports.

Government Business Intelligence Dashboard

- Portal for analyzing and optimizing public transport
- Modules can be added when available
- Connected to your system in 4-6 weeks
- 30+ dashboards designed by transit professionals
- More than 100 indicators to monitor, analyze, & optimize



RIDERSHIP/ TRANSFERS/ SPEED/ HEADWAY/ WAIT TIME/ LOCATIONS/ ETC..



In-Ground Solar Pavement Tiles: Grid Connected or Off-Grid



In-Ground Solar Pavement Tiles: Grid Connected or Off-Grid





ENERGY INTERNATIONAL

In-house developed Software applications

Scan Master - Parking Enforcement Platform & Mobile App for Inspectors

Cases

CaseID: [input] Captured From: 08-Sep-2022 Captured To: 08-Sep-2022 Task Status: [dropdown] Dispatch Cases: [dropdown] Officers: [dropdown]

PlateSource: [dropdown] PlateCode: [dropdown] PlateNumber: [input]

Search Items: 21

Case ID	Scan ID	Captured On	Status	Dispatch case	PlateSource	PlateCode	PlateNumber	Area	Officer/Name
28618	141625	08/09/2022 12:34:04	New Task Created	-	DUB	P	37599	(321) 1	المجالس 1
28633	141624	08/09/2022 12:34:04	New Task Created	-	SHJ	3	56572	(307) 3	المجالس 3
28634	141623	08/09/2022 12:34:04	New Task Created	-	AD	4	85611	(307) 3	المجالس 3
28622	141617	08/09/2022 12:34:04	New Task Created	-	SHJ	1	10212	(246) 1	مرسى 1
28630	141616	08/09/2022 12:34:04	New Task Created	-	DUB	H	63182	(307) 3	المجالس 3
28625	141614	08/09/2022 12:34:04	New Task Created	Plate Auto-Corrected	SHJ	White	97397	(307) 3	المجالس 3
28627	141613	08/09/2022 12:34:04	New Task Created	-	DUB	X	49665	(321) 1	المجالس 1
28629	141609	08/09/2022 12:34:04	New Task Created	-	SHJ	3	97011	(322) 1	المجالس 1
28617	141608	08/09/2022 12:34:04	New Task Created	-	SHJ	3	80	(322) 1	المجالس 1
28626	141607	08/09/2022 12:34:04	New Task Created	-	DUB	Y	4920	(307) 3	المجالس 3

Showing 1 to 10 of 21 rows 10 rows per page

Tasks

Open Tasks: 20

Verify Scan: [input] Scan Car: 5393

Case Info: Case ID: 28621, Scan Car: 5393, Captured On: 08/09/2022 12:34:03, EmployeeID: 345, Vigness Time: 12:43:03

Summary:

Total Scans	50
Total Cases	21
Open Cases (Operators)	21
Open Cases (Inspectors)	0
Collet Inspectors	0

Photos: [Image of car with license plate 5393]

Dispatch:

To Inspectors: [dropdown] Invoiced License Plate: [dropdown]

Dispatch Options: [dropdown]

Parking Validity Check: Checked On: 08/09/2022 12:43:26, Status: 200, Valid Parking: false

Cases

Description: Case 2849 Time Scanned: 26/04/2022 12:49:36

Description: Case 2861 Time Scanned: 26/04/2022 12:49:36

Case Overview

Case ID: 2849 Time Scanned: 26/04/2022 12:49:36

Location: (175) المحطة

Operator comments: No comments

Source: DUB Prefix: M Plate number: 54037

Cases

Map view showing case locations in Sharjah, including areas like Industrial Area and Lulu Village.

Dashboard

Scans: 347.6k

Scans Per Month: 86.9k

Scans Per Hour: [Bar chart showing hourly scan volume]

Scans Per Parking Type: [Pie chart showing eTicket (68.45%), Permit (22.3%), SMS (8.7%), and Invalid Parking (0.45%)

Scans per WeekDay: [Table showing weekly scan trends]

Year-Month: [Table showing monthly scan trends]

In-House SW Development

- As part of EI vision to provide its clients with the best services, an inhouse software development team was established complementing EI long term experience and creating software based on client's needs as well as EI operational and project implementation knowledge.



In-house developed Software applications



Capture - Application

- Call & Repair Date Time
- Project & Machine Type
- Components and Error Codes
- Spare Parts Changed
- Detailed fields for Components
- Taking Pictures
- Expenses such as Parking & Salik
- Customer Signature

Capture Client Version 6.9.3

RESTART
SHUTDOWN

USERNAME: EIT0038
PASSWORD: *****
 Remember Me Forget Me
 Login
 Exit

Tab Settings:
 Machine Name: zayed
 Tab Serial Number: PF12E35V
 Wifi MAC Address: 3673BE71BF37
 NoAutoUpdateEnable:
 EnableLUA: 1
 ScrollWidthSize: -255
 AutoRotaEnable: 1
 LastOrientationPosition: 0
 DisableBackApps: 999

Note: If date and time are incorrect then you will need an internet connection and login once to correct it. Otherwise contact the admin. It is important to correct before syncing. Having incorrect date and time may impact your tickets.

Please Note

FAULT	INTERNAL	Cust Ticket	INC0000007					UPDATE TIME
PROJECT *	ExpoTVMTOM	CALL *	Hour: 09	Minute: 55	Day: 12	Month: September	Year: 2022	[Camera] [Signature] [Clear] [Edit] [Save] [Sync Data] [Log Off]
TECHNICAL UNIT *	TVM	REPAIR *	Hour: 09	Minute: 55	Day: 12	Month: September	Year: 2022	
SUBJECT *		DELAY TIME (0 Records)	SPARE PART (0 Records)	JAM CARD (0 Records)				
DEVICE ID *		JAM NOTE (AED 0)	Machine History					
COMPONENT *								
EVENT *	Event Code							
REASON*		X	Battery in V : []					
MAIN ACTION*		X	<input type="checkbox"/> No issue <input type="checkbox"/> Issue fixed <input type="checkbox"/> Issue not fixed					
DETAILS :								
LOGGED IN AS: ZAYED MAHMUD							99% WiFi	

Capture - Backend



- Process tickets and show history of records
- Generate a periodic reports to show analysis summary
- Provide many search fields
- Track the client user devices

Energy International Transportation Capture Management

Main Search Grapher Export Tracker Tools About

View Raw Import Raw Load Data Edit Discredit Flag Export As CSV User Changes Show Delay Time ROWS: 654

General Ticket Viewer

ID	RTA_SN	FaultOrPM	FaultSource	Tech/UnitName	User	Subject	ErrorCode	CategoryClassifier	Severity	DeviceID	Pr
6531		FAULT	INTERNAL	VEHICLE	Sandeep Nair	cico not wor...	No applicabl...	Routine Check	Service Req...	6223	AF
6530		FAULT	INTERNAL	VEHICLE	Sandeep Nair	cico installation	No applicabl...	Installation	Service Req...	2003	AF
6529		FAULT	INTERNAL	VEHICLE	Sandeep Nair	cico not wor...	No applicabl...	Routine Check	Service Req...	1990	AF
6528		FAULT	INTERNAL	VEHICLE	Sandeep Nair	cico not wor...	No applicabl...	Routine Check	Service Req...	1145	AF
6527		FAULT	INTERNAL	VEHICLE	Sandeep Nair	cico not wo...	No applica...	Routine Ch...	Service Req...	831	AF
6526		FAULT	INTERNAL	VEHICLE	Sandeep Nair	cico not wor...	No applicabl...	Routine Check	Service Req...	1764	AF
6525		FAULT	INTERNAL	VEHICLE	Sandeep Nair	cico not wor...	No applicabl...	Routine Check	Service Req...	1138	AF
6524		FAULT	INTERNAL	VEHICLE	Sandeep Nair	cico not wor...	No applicabl...	Routine Check	Service Req...	1272	AF
6523		FAULT	INTERNAL	VEHICLE	Sandeep Nair	cico not wor...	No applicabl...	Routine Check	Service Req...	1664	AF

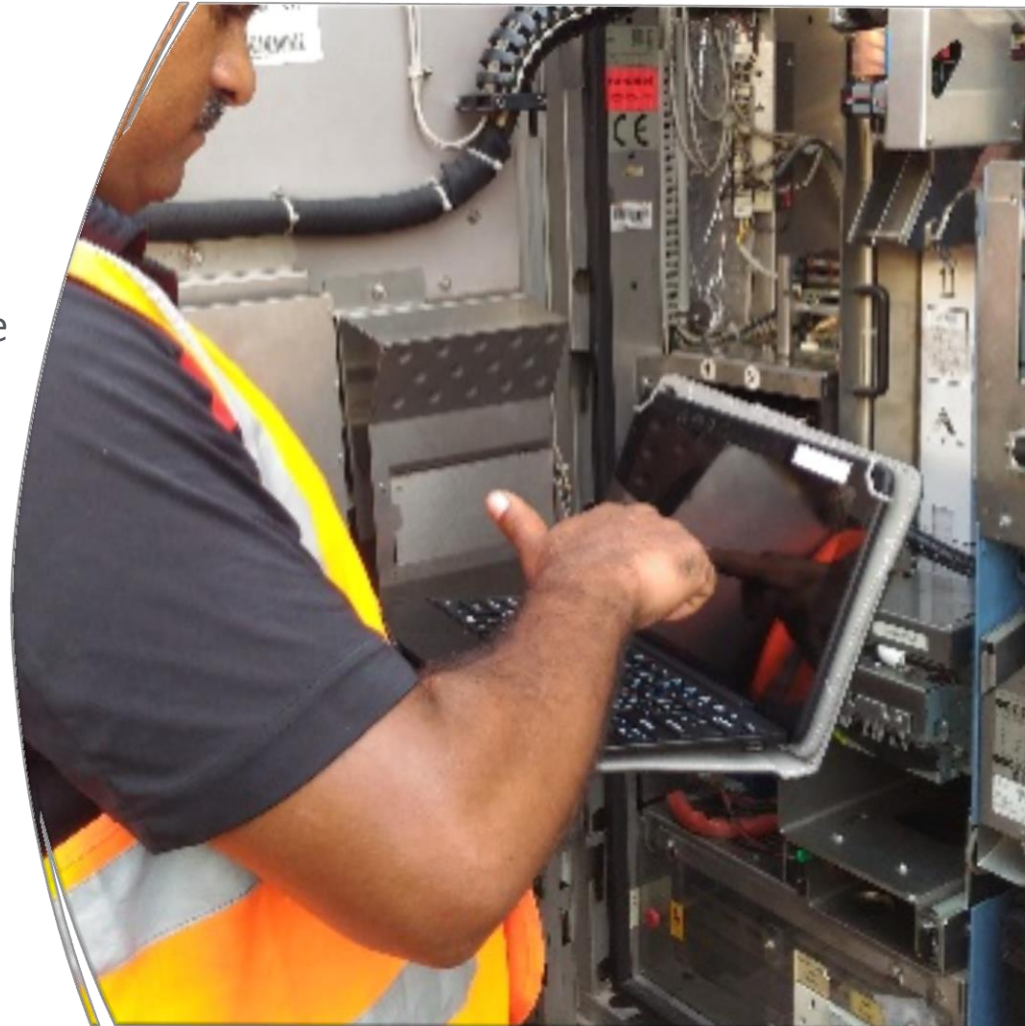
Details

Remark checked all evd and moxa cables found ok. replaced evd 2 as per instruction. all evd working fine with sw6.2.7.0 eod 312 tid 82 831 BusBodyNo WAG486ZZ08R004815 VIN STANDARD J BusType

Spare Parts				EVD / Jammed Cards	
SparePart	Count	OldSerial	NewSerial	EVDNo	EVDSerial
800.0054/01 - EVD240 RTA Bus	1	3030375451	3030373939	2	3030375451

Capture: a Powerful Maintenance Tool

- Prevents expensive repair works from happening
- Ability to create different maintenance programs for different parts
- Trend Analysis
- Parts tracking
- Parts warranty tracking



Paperless BPM Initiative



- Part of EI environmental contribution
- Digital maintenance forms
- Creations of checklists
- Validation of checklists
- Creation of repair requests
- Editing of repair requests

Delivery Order

Deliver Order No.

Actor Type:

Delivery To: Company: Telephone No:

Project: Delivery Date: Authorizer:

Item Description: Serial No: Quantity: Unit:

SLNo.	Item Description	Serial No	Quantity	Unit	Actions
-------	------------------	-----------	----------	------	---------

Remarks:

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PM Check List Actions

Machine Type: Machine: PM Checked Date:

PM Action No	CheckDate	MachineNumber	Product(MachineType)Description	Comment_Technician	Comment_Engineer	Action
--------------	-----------	---------------	---------------------------------	--------------------	------------------	--------

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Test Environments

Part of EI QA procedure





Energy International Project References

CITY WIDE ON-STREET PARKING CONTROL SOLUTIONS

مركز النقل المتكامل
INTEGRATED TRANSPORT CENTRE



Clients

هيئة الطرق والمواصلات
ROADS & TRANSPORT AUTHORITY

RTA

دائرة البلدية والتخطيط
Municipality & Planning Department



الإمارات العربية المتحدة - حكومة الشارقة
بلدية مدينة الشارقة
United Arab Emirates - Sharjah Government
SHARJAH CITY MUNICIPALITY

بلدية دبي
DUBAI MUNICIPALITY



Scope

Supply, Installation, Testing, Commissioning & Maintenance of Pay & Display Machines including the Parking Central Management System and Parking Automated Fare Collection System

Projects Implemented: 40#s

Project Period: 1995 and on-going

Grand Total Value of projects: AED 680Million

Machines supplied and maintained onsite: 6507#s



Automated Fare Collection Systems



Client

هيئة الطرق والمواصلات
ROADS & TRANSPORT AUTHORITY



Scope

Supply, Installation, Testing, Commissioning & Maintenance of Automated Fare Collection System for Public Transport Buses and Marine with Respective Central Management Systems

Projects Implemented: 6#s

Project Period: 2007 and on-going

Grand Total Value of projects: AED 257Million

Devices supplied and maintained onsite:

94#s Ticket Vending Machines

32#s Ticket Office Machines

110#s Solar Powered Top-up Machines

35#s Multipurpose Portable Inspection Devices

7557#s On-Board Electronic Validating Device

30#s Fare Control Gates



SMART PARKING ENFORCEMENT SYSTEM SOLUTIONS

Client



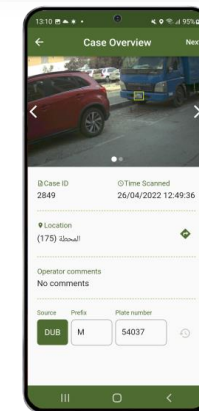
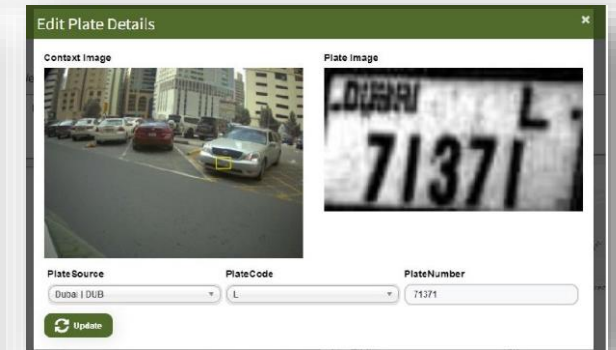
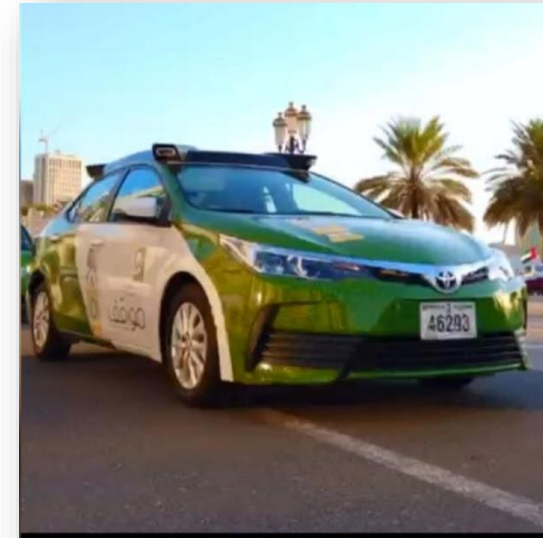
الإمارات العربية المتحدة - حكومة الشارقة
بلدية مدينة الشارقة
United Arab Emirates - Sharjah Government
SHARJAH CITY MUNICIPALITY

Scope

Automates On-street Parking Inspection using Scan Vehicles with ANPR Cameras to Read the Number Plates of Parked Vehicles to Verify if the Vehicle has Paid for Parking

Project Period: 2019 and on-going

Number of Scan vehicles: 3#s



AUTOMATED SMART PARKING LOT SYSTEM SOLUTIONS

Clients

هيئة الطرق والمواصلات
ROADS & TRANSPORT AUTHORITY



الإمارات العربية المتحدة – حكومة الشارقة
بلدية مدينة الشارقة
United Arab Emirates – Sharjah Government
SHARJAH CITY MUNICIPALITY

Scope

Automation of Smart Parking Lot – Seamless parking lot solution by using ANPR technology with AI based computer vision technology to identify vehicle number plates entering & exiting the parking lot

Implemented Proof of Concept:
2021 and on-going

Onsite Equipment:
6#s Solar Powered ANPR Cameras Systems

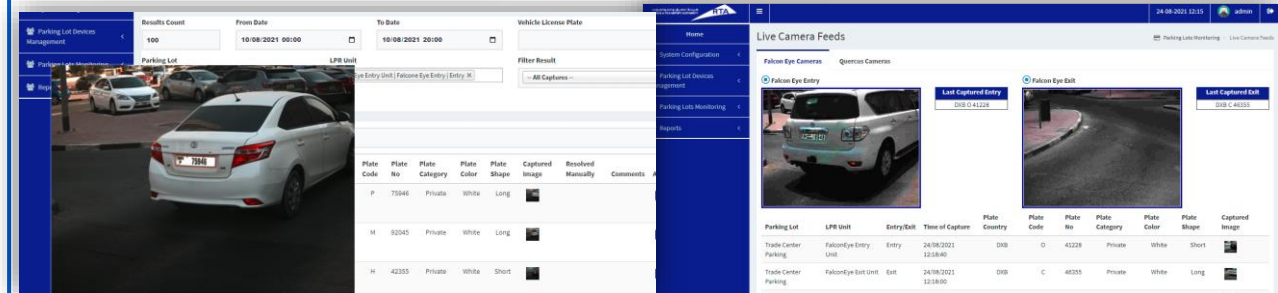





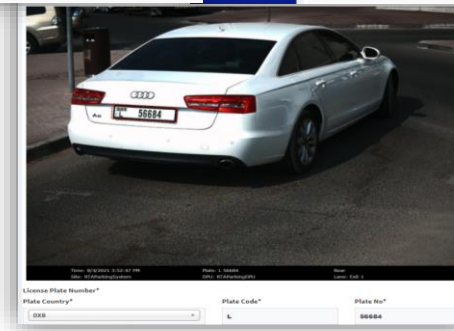


Plate Code	Plate No	Plate Category	Plate Color	Plate Shape	Captured Image	Resolved Manually	Comments
P	75846	Private	White	Long			
H	32045	Private	White	Long			
H	42355	Private	White	Short			

Parking Lot	LPR Unit	Entry/Exit	Time of Capture	Plate Country	Plate Code	Plate No	Plate Category	Plate Color	Plate Shape	Captured Image
Trade Center Parking	FalconEye Entry Unit	Entry	24/08/2021 12:18:40	DOB	D	42228	Private	White	Short	
Trade Center Parking	FalconEye Exit Unit	Exit	24/08/2021 12:18:00	DOB	C	40355	Private	White	Long	



SMART PARKING GUIDANCE SYSTEM SOLUTIONS

Client

هيئة الطرق والمواصلات
ROADS & TRANSPORT AUTHORITY



Scope

Smart Parking Guidance System including 5 years maintenance

Project Period: 2016 – 2022

Onsite Equipment:

- 13#s Dynamic Message Signs
- 2027#s In-ground Sensors
- 80#s Relay Nodes
- 10#s Data Collectors
- 70#s Overhead Sensors



Real Time Passenger Information Systems

Clients

مركز النقل المتكامل
INTEGRATED TRANSPORT CENTRE



هيئة الطرق والمواصلات
ROADS & TRANSPORT AUTHORITY



Scope

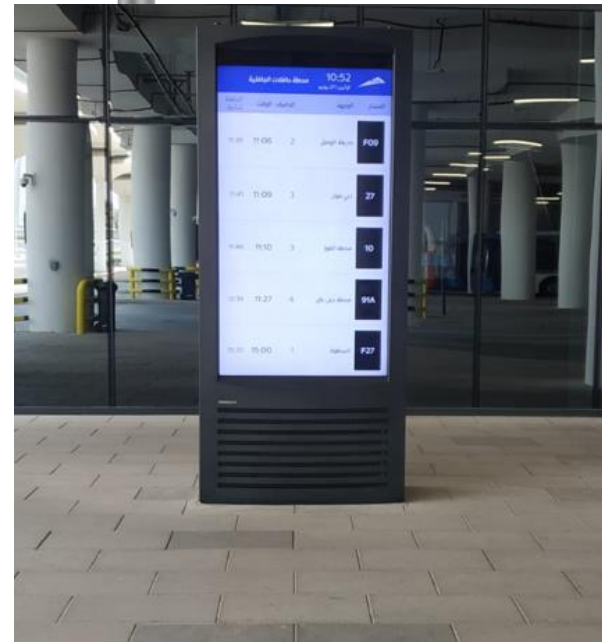
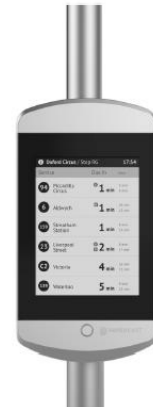
Supply, Installation, Testing, Commissioning & Maintenance of Real Time Passenger Information Systems for Public Transport

Projects Implemented: 2#s

Project Period: 2019 and on-going

Devices supplied and maintained onsite:

312#s Outdoor and Indoor interactive displays ranging from solar powered e-paper technology to touchscreen LCD displays.



Scheduling & Planning

Client

هيئة الطرق والمواصلات
ROADS & TRANSPORT AUTHORITY



Scope

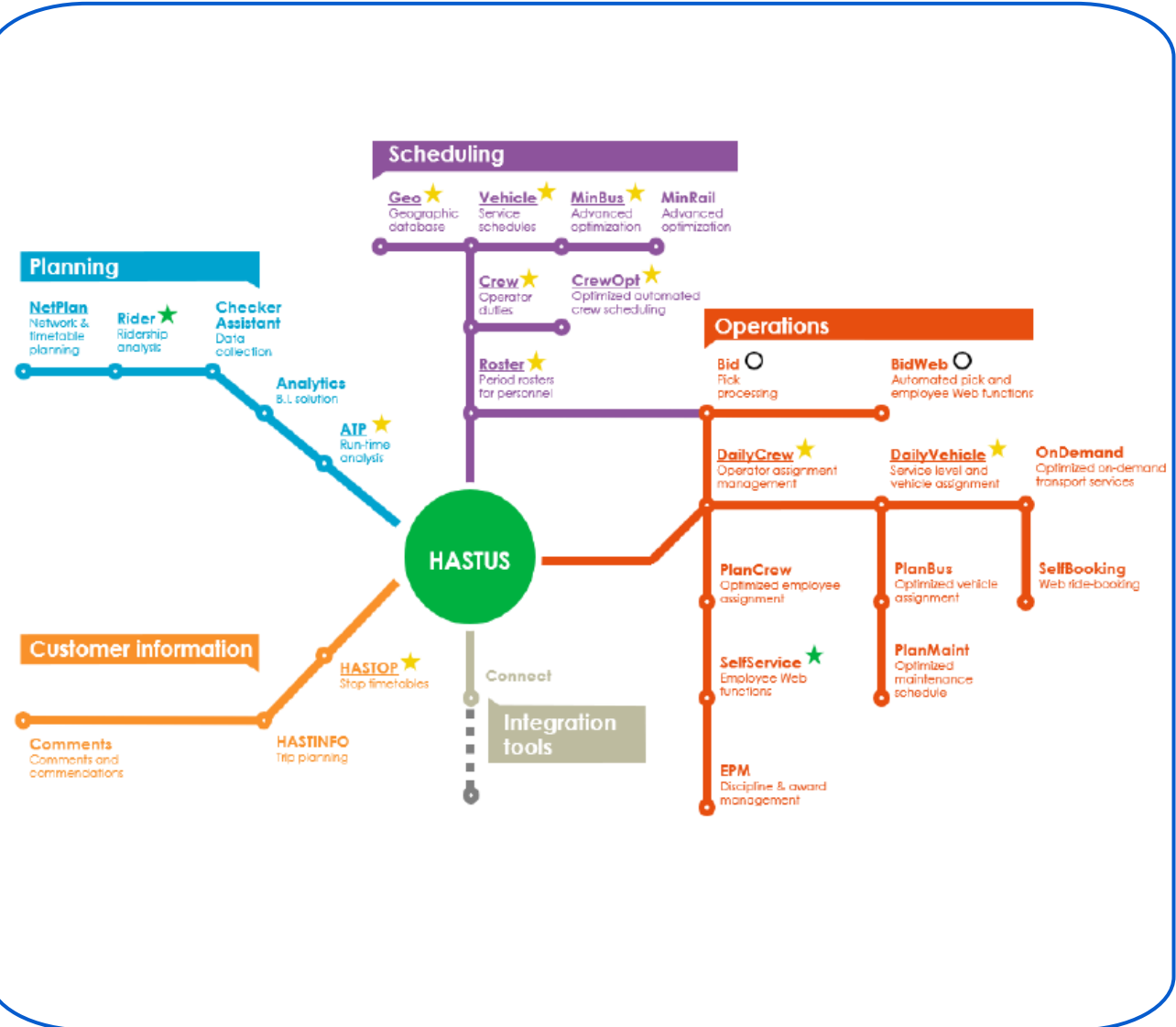
On-site Support on Integrated Software Solutions for Planning and Managing Transport-related Operations with regards to bus operations of ~2000 buses

Project Period:

2021 and on-going

Software supplied and maintained onsite:

HASTUS Software solutions by GIRO Inc.



Internet of Things Predictive Maintenance



Client

Sharjah Health Authority

Scope

Remote Monitoring Solutions—easily, quickly, reliably with Sensors, Gateways, and backend Software for virtually any application/capital asset to deliver data needed to run efficiently and effectively.

Projects Implemented:

Proof of Concept (POC)

Project Period: 2023 and On-going

Devices supplied and maintained onsite:

Near real-time monitoring sensors and data processing for air quality control

Monitoring the Environmental and Infrastructure concerns of Commercial and Industrial Businesses with Industry Leading *Wireless Sensors Platforms*



Wireless Sensors



Wireless Gateway



Energy International Honors & Accolades

CERTIFICATE OF APPRECIATION

PTA Marine Transport Department in Dubai is pleased to extend its sincere thanks and appreciation to

Energy International

In Recognition to the effective contribution that made the National Day celebration a success.

Wishing you continued success and prosperity.



Eng. Hussain Hassan Khansaheb

Acting Director of Marine Transport Department

Date: 22/01/2014

**SERCO DUBAI METRO
PROGRAMME MANAGEMENT OFFICE**

Certificate of Appreciation

This certificate is awarded to

Energy International Corporation

*in recognition of the valuable support extended to Serco on various projects.
EIC has demonstrated exemplary commitment and support on the successful delivery of
these projects.*



Andrew Bray
Senior Project Manager



Jeremy Davidson
Programme Director

Bringing service to life

serco

شكر وتقدير

تتقدم هيئة الطرق والمواصلات بخالص الشكر والتقدير

للسادة / Energy International

وذلك تقديراً للمساهمة في انجاز مشروع ترام دبي، الذي يعد أول مشروع ترام خارج أوروبا
يعمل بنظام تغذية الكهرباء الأرضي، وتدشينه في المواعيد المحددة 2014/11/11.

متمنين لكم دوام التقدم والازدهار،،،

مطر الطاير
رئيس مجلس الإدارة والمدير التنفيذي

حررت في يناير 2015







November 3, 2009

To Whom It May Concern

We are pleased to confirm that, Messrs. **Energy International, U.A.E** are responsible on the implementation of Unified Automated Fare Collection System on Pay & Display Parking Machines in Dubai. Under this project, all Pay & Display Parking Machines in Dubai have been upgraded to accept Mifare DESFire NOL Cards thus making the Parking Control System in Dubai truly Interoperable with all modes of Public Transportation such as Metro, Public Buses, Water Buses that also accept Mifare DESFire NOL Cards.

Energy International worked on the above Unified Automated Fare Collection System Project on Pay & Display Parking Machines in record time and hence helped RTA, Dubai in meeting the September 09, 2009 deadline by having all Pay & Display Parking Machines in Dubai interoperable with all modes of Public Transportation.

We appreciate the help and support extended by Energy International in helping us meet the above deadline.

We are satisfied with the continuous support of Energy International.

We have no reservation in recommending them on similar Parking Control Projects.

For Roads and Transport Authority

AHMED AL ZAABI

Manager of Parking Control Operations, RTA Parking Department



Reference: RTA/TRA/PAR/12970/2022

Date: 26 /05 /2022

ENERGY INTERNATIONAL CORPORATION ... Respectful

Subject : New Parking Timing - Appreciation letter

Reference to above subject, On behalf of parking department, please accept our appreciation for the excellent job you and your staff have done to fix the front information plate including new parking timing for machines 1212 in short period (4 days).

Thanks to your leadership and dedication combined with your staff's teamwork,

Many thanks and regards



**Ahmed Abdulla Hasan A
Badboosh Alzaabi
Parking Systems Manager**

09 نوفمبر 2009

الموقرين،،

السادة / شركة الطاقة العالمية للتجارة ش.ذ.م.م

تحية طيبة وبعد،،،

الموضوع : شكر وتقدير

بداية يطيب لنا أن نهديكم أطيب تحياتنا وتمنياتنا لسيادتكم بدوام التقدم والتوفيق كما يسرنا أن نتقدم لكم بجزيل الشكر والتقدير نظير تعاونكم الدائم معنا وجهودكم المتميزة وخدماتكم المقدمة لنا خلال فترة معرض Gitex 2009.

نتمنى لكم المزيد من التقدم، وبالله التوفيق.

وتفضلوا بقبول فائق الاحترام والتقدير،،،

د. خالد محمد الزاهد

مدير إدارة المشاريع البحرية



الإمارات العربية المتحدة - حكومة الشارقة
بلدية مدينة الشارقة
United Arab Emirates - Sharjah Government
SHARJAH CITY MUNICIPALITY

شهادة شكر وتقدير

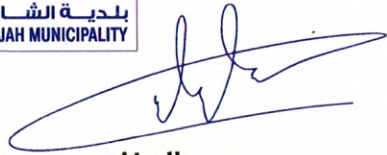
Certificate of Appreciation

السادة/ شركة الطاقة العالمية

تتوجه إليكم بلدية مدينة الشارقة بجزيل الشكر والتقدير على تعاونكم المثمر وجهودكم المخلصة التي كان لها عظيم الأثر في إنجاز أعمال البلدية.

وراجين لكم دوام التوفيق والسداد..





عبيد سعيد الطنجي
مديرعام بلدية مدينة الشارقة

صدرت في 29 نوفمبر 2022



مَعَكُمْ
نَرْتَقِي



الإمارات العربية المتحدة
United Arab Emirates



شهادة تقدير

Certificate of Appreciation

تتقدم بلدية مدينة الشارقة بخالص الشكر والتقدير إلى


السادة / **شركة الطاقة العالمية** المحترمين

لمشاركتها المتميزة في تنظيم افتتاح المبنى الجديد لإدارة المواقف العامة بالمنطقة

الصناعية الخامسة يوم الخميس ١٨ أكتوبر ٢٠١٨.

تمنياتنا لكم بالتوفيق والسداد...




ثابت سالم عبيد الطريفي
مدير عام بلدية مدينة الشارقة



Contact Details

ENERGY
INTERNATIONAL



- Call Us:

Dubai Main Office: +971-4-3885619

- Web Portal:

www.energypark.ae

www.energyintl.com

- Email Us:

Chadi Farran, Business Development Manager

chadi.farran@energypark.ae

Syed Ajmal, General Manager

syedajmal.ahmed@energypark.ae