



ROLEC

Marina Services

World leading marina services specialists

CONTENTS

04-05	INTRODUCTION	26-27	EMERGENCY SERVICES
06-07	ROLEC'S GLOBAL EDGE	28-29	E-BOAT CHARGING
08-09	WORLDWIDE DEMAND	30-34	BERTHVEND SMART SOLUTIONS
10-11	ROLEC IN THE UNITED KINGDOM	36	SMARTVEND
12-13	ROLEC IN EUROPE	37	SMARTCARD METERS
14	ROLEC IN SOUTH AMERICA & THE CARIBBEAN	38	MARINA ILLUMINATION
15	ROLEC IN ASIA & AUSTRALASIA	39	WATER STANDS
16-17	ROLEC IN THE MIDDLE EAST	40	SANITATION PUMP-OUT
20-21	QUANTUM RANGE	41	DISTRIBUTION SYSTEMS
22-23	CLASSIC RANGE	42-43	MARINA PRODUCT BRANDING
24-25	SUPERYACHT SERVICES	44-47	ELECTRIC VEHICLE CHARGING

THE WORLD'S LEADING MARINA SERVICES SPECIALIST

For over three decades, Rolec has been firmly recognised as the world's leading specialist in the design, supply and installation of services to marinas, harbours, ports and waterfront locations.



“Our values are Quality, Reliability, Innovation and Customer Care.”

ROLEC

Marina Services

Since the early 1990s, Rolec has been at the forefront of marina and waterfront developments, providing the widest range of services to the industry including:

PRE-PROJECT PLANNING

- Utility services and infrastructure consultancy and advice
- Project budget and planning assistance
- Tender and project scope appraisals
- M&E designs and calculations
- Installation shop drawings

CAD DESIGN, PRODUCT RANGE AND QUOTATIONS

- Electrical
- Water
- Sanitation/Bilge
- Lighting
- Emergency/SOS/Fire fighting
- Cloud-based marina services management and control solutions (Computer/RFID/Mobile phone)
- API integration with Marina Management Systems (MMS)
- EV charging points

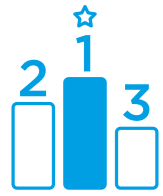
INSTALLATION AND COMMISSIONING

- Supply only of materials with remote product support
- Supply only of materials plus on-site commissioning
- Supply only of materials plus project management of the client's installation contractor
- Supply only of materials, project management of the client's installation contractor plus commissioning
- Full turnkey installation and commissioning

AFTERSALES SUPPORT

- Replacement components and materials stocked locally
- Local experienced marine M&E contractors





ROLEC'S GLOBAL EDGE

Our global knowledge and experience, coupled with our worldwide network of distribution partners, allows us to offer an unrivalled product range – while also positioning us as the only truly global operator in marina services.

A high degree of component commonality across all of our company divisions enables us to optimise manufacturing efficiency, procurement and margins, allowing us to deliver the world's largest range of marina service products at continuously competitive prices.

We are industry renowned, with many award winning products. We offer exceptional product quality, having a 100% manufactured product test policy with a failure rate of less than 1%.

THE ROLEC ADVANTAGE:

- ✓ Globally knowledgeable
- ✓ Globally represented
- ✓ Worldwide network of suppliers & distributors
- ✓ Buying power
- ✓ Over 30 years of experience



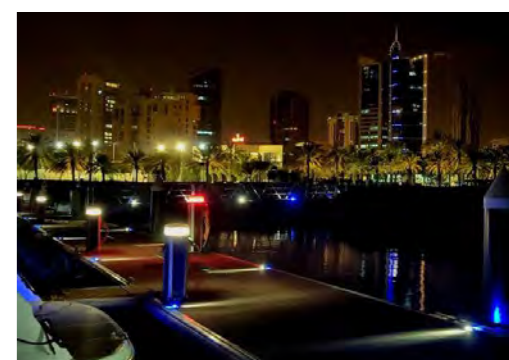
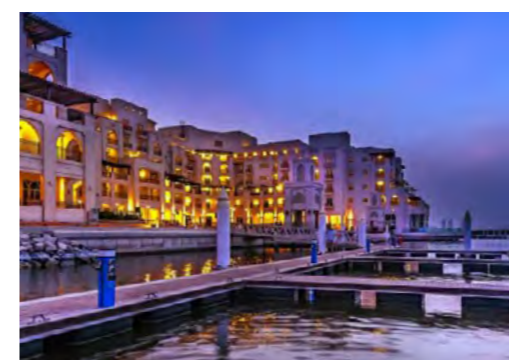
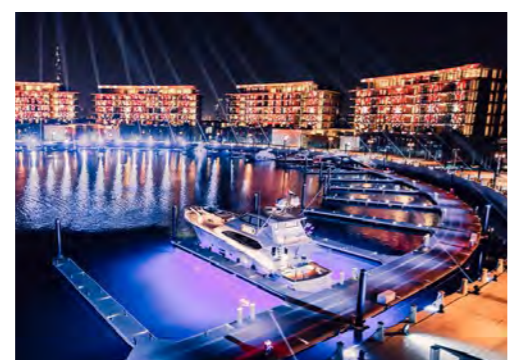
“The World’s Leading Marina Services Specialist, Serving The Industry Since 1990.”



WORLDWIDE DEMAND

Rolec products can be found throughout the world, which is representative of the company's trusted reputation around the globe.

You will find Rolec products, both standard and bespoke, in countries from Barbados to New Zealand – and in use by world famous brands including:





ROLEC IN THE UNITED KINGDOM

Rolec's products and utility service systems have a proven track record in the UK, which is evidenced by the fact that they feature on the majority of its marinas and waterways. We believe this is a true testament to our unrivalled product range, experience and professionalism.

We are committed members of both the British Marine Federation and the Yacht Harbour Association, the latter of which uses our technical support ability in the form of a council membership that gives guidance and assistance to marina industry clients.

Serving the Marina Industry Since 1990





ROLEC IN EUROPE

We understand the importance of localised trade and reinforce this through our long-standing loyal network of European partners and distributors.

We have hand-picked this network of around 40 professional companies with marina industry experience to ensure European marina operators receive the same high level of dependable support as if they were dealing with the Rolec Head Office.

Over 155,000 Rolec Marina Pedestals Have Been Sold Worldwide





ROLEC IN SOUTH AMERICA & THE CARIBBEAN

Rolec's marina division has over 300 years of collective experience of marina services. Marina services are at the heart of what we do, which is evident in the products we produce and the level of service we offer our industry clients.

We can easily customise our products to suit markets with unique specifications. We understand the complexities of the requirement for dual voltage/frequency electrical systems in this region and have successfully delivered these on a variety of marina projects, which has seen us being invited back to undertake further phases of development. This always gives us great pleasure and we consider it an honour to be held in such high esteem within the industry.



ROLEC IN ASIA & AUSTRALASIA

Our ability to be flexible and adapt to clients' needs while appreciating local trends and regulations, coupled with our desire to provide quality, reliability and innovation, has resulted in huge successes in both Asia and Australasia.

Over the past 25 years we have been involved in a significant amount of the area's marina and waterfront developments – ranging from simple private moorings as part of large residential developments to super-yacht marinas which completely rejuvenate the coastline.





ROLEC IN THE MIDDLE EAST

Rolec has been providing installation and design services to the Middle East marina industry for over 25 years, and has products and systems installed on over 140 marinas and waterfront developments throughout the region.

The flexibility of our product range, and our experience and knowledge in the region, enables us to manage large and demanding projects - from a simple leisure craft marina through to a military harbour.

“Challenges make a project interesting. Overcoming and delivering on those challenges makes us interesting.”

Holly Brown
Rolec Operations Director



“Engineered marina solutions to meet the requirements of all marina and waterfront destinations”





OPTIONS INCLUDE:

- Extruded anodised aluminium door
- TV, telephone and data outlets
- Photocell controlled lighting
- Electric and water metering
- Panel colours and materials
- Switching and control
- Heat trace tape
- Branding vinyls
- LED Colours

QUANTUM RANGE

Anodised Aluminium Pedestals

The Quantum pedestal has proven massively popular since its launch in early 2016, with in excess of 23,000 pedestals sold to date.

The Quantum design embodies the qualities of our world leading, 30 years in service, Classic pedestal complemented by the strength and aesthetics of marine grade anodised aluminium. It fuses the highest quality materials from across our range with the affordability of an entry level unit. This versatile and yet economical pedestal provides a powerful blend of design, strength and adaptability for any marina or waterfront development.

The Quantum pedestal range is available in a variety of heights and can come with coloured front, back and side panels. It offers LED illumination and fairly limitless service outlet and management solution combinations.



A SELECTION OF QUANTUM PEDESTAL FEATURES



IP66 Weather Proof & UV Stabilised



IK10 Impact Rating



Internal Electric, Water & Lighting Segregation



CE Certified



LED Amenity Lighting



Strong & Durable



OPTIONS INCLUDE:

- TV, telephone and data outlets
- Photocell controlled lighting
- Electric and water metering
- Shell colours and materials
- Switching and control
- Heat trace tape
- Branding vinyls
- LED Colours

CLASSIC RANGE

Versatile Galvanised Steel Pedestals

The Rolec Classic pedestal is the world's most popular marina service pedestal, having been in service for 30 years, with over 175,000 sold worldwide.

The internal heavy-duty, hot-dipped galvanised steel chassis makes the Classic pedestal extremely strong, whilst the choice of external skins, which come in the form of stainless steel, aluminium or composite, make the pedestal durable and easily maintained. The Classic pedestal range is available in a variety of sizes and offers LED lighting as well as limitless electrical and water outlet combinations.

The Classic pedestal range can also accommodate a variety of additional service options, such as TV, telephone and data outlets, hose-pipes and hooks, locking/security facilities and metering, as well as Rolec's industry leading utility management systems.



A SELECTION OF CLASSIC PEDESTAL FEATURES



IP66 Weather Proof & UV Stabilised



IK10 Impact Rating



Internal Electric, Water & Lighting Segregation



CE Certified



LED Amenity Lighting



Strong & Durable



OPTIONS INCLUDE:

- Direct connections for 600amp, 1000amp & 2000amp
- Air, TV, telephone & data outlets
- Flat or curved top options
- Electric & water metering
- Shell colours & materials
- Bus bar arrangements
- Switching & control
- Branding vinyls
- LED Colours

SUPERYACHT SERVICES

Engineered to meet exceptional standards

With the demand for superyacht services ever increasing, and now with a significant amount of marinas catering almost entirely for this style of clientele, our extensive range of superyacht marina service products is proving ideal and is in constant demand.

Our world leading superyacht service equipment spans our Quantum, Fin and Classic pedestal ranges, as well as our popular MegaMaster unit range. In 2014, our range reached new heights with the successful supply of 1000amp and 2000amp MegaMaster units to marinas in the Middle East.

Our Superyacht services include three phase sockets of 125amp, 250amp and 400amp; direct connections of 600amp, 1000amp and 2000amp; water taps of ½", ¾" and 1", and direct water outlets of 2".

LED lighting, control and metering solutions, TV, data, sanitation and branding can also be added.



A SELECTION OF SUPERYACHT SERVICE FEATURES



UV
Stabilised



Internal Electric &
Water Segregation



Bespoke
Manufacturing



CE
Certified



LED Amenity
Lighting



Strong
& Durable



OPTIONS INCLUDE:

- Economy life-buoy stand
- Fire extinguisher units
- Emergency pedestals
- Mobile fire caddies
- Fire hydrants

EMERGENCY SERVICES

Options across all pedestal ranges

One of the most important roles of any marina operator is to ensure customer safety.

Rolec offers a comprehensive and popular range of emergency service equipment across all of our pedestal ranges to suit every budget and location, enabling marina operators and visitors peace of mind. From simple low level cabinets housing essentials including an extinguisher, first aid kit and life-buoy, to sophisticated hydrants and the increasingly popular fire caddy.

The Rolec Fire Caddy is a mobile, easy to use and cost-effective fire-fighting unit which uses sea/river water to fight the fire, eliminating the need for expensive pipe systems.



A SELECTION OF EMERGENCY PEDESTAL FEATURES



UV
Stabilised



CE
Certified



Strong
& Durable



Life
Buoy



Fire
Hydrant



Fire Extinguisher
& First Aid Kit



E-BOAT CHARGING

Future-proofing your marina destination

As pioneers in the electric vehicle charging industry, with over 330,000 chargepoints manufactured and installed, our e-boat charging solutions are perfectly suited for marinas seeking to offer charging facilities to electric boat owners.

With a range of AC fast and DC rapid charging solutions to choose from, our e-boat charging solutions are ideal for all marina/waterfront destinations. Whether the desire is to offer visitor's standard AC fast charging or DC rapid/ultra-fast charging, Rolec has the solution to provide simple, straightforward and seamless charging experiences.

By offering the facilities to recharge e-boats, boaters are more likely to visit the destination again, therefore increasing customer loyalty and generating customer retention.

Allowing visitors to recharge their e-boats not only provides them with peace of mind, but also allows marina operators to benefit from greater footfall, as well as the ability to generate additional business revenue.

- AC & DC models available
- 7.2kW - 160kW charging speeds
- Various multiple outlet configurations (Type 2/CCS 2)
- Aluminium and stainless steel options
- IP55 ingress protection
- IK10 impact rating
- Branding solutions available
- Variety of mounting options
- Choice of back-office management platforms



BerthVend

SMART SOLUTIONS

Cloud based berth management system

BERTHVEND allows marina operators to control and manage their marina's electric and water services anywhere, anytime on any device whilst providing berth holders with a seamless services provision. BERTHVEND offers a simple to use berth management system, saving time, costs and labour, whilst also allowing berth holders to pay for their services using their smartphone/tablet using the BERTHVEND app.

With the inclusion of modern technologies, BERTHVEND enables marina operators to complete their day-to-day tasks without the requirement for manual intervention. Berth holders are provided with the ability to manage and control their assigned services with the tap of a finger, using the dedicated BERTHVEND app or the Customer Dock (self-service portal).

A SELECTION OF BERTHVEND SYSTEM FEATURES



Marina Office Management



Multi Marina HQ



Analytical Feedback



Boat Owner Multi Device Access



Breaker Trip Alert



Electrical Socket Auto Disconnect

BENEFITS FOR MARINA OPERATORS

With BERTHVEND, marina operators are provided with numerous benefits, making their day-to-day operations simpler and smoother.

Benefits include:

- Interactive dashboard
- Electric & water meter readings
- Switch services on/off directly via any device
- Implement own tariffs
- Management of user accounts
- Exportable data
- Remote firmware updates
- Reservation of utilities for visitors
- Visibility of overall site electric & water consumption
- Assign services to boat name
- Pre-pay & post-pay options
- Billing & chasing facilities and flotilla & charter billing

Marina operators can also benefit from optional features and benefits such as:

- API integration enabling the incorporation of booking system, accounting and ERP applications
- RFID operation of services, as well as the Customer Dock – a self-service portal allowing berth holders to independently switch on/off their assigned services via their smartphone/tablet

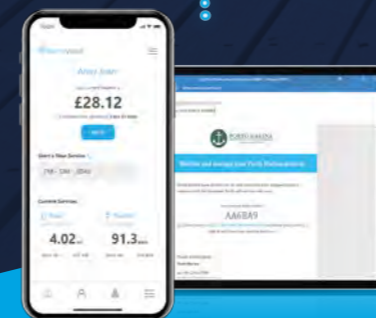
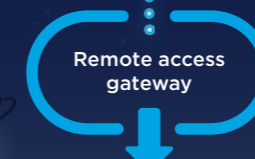
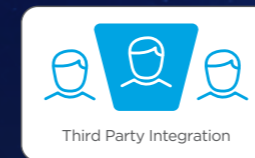
BENEFITS FOR BERTH HOLDERS

BERTHVEND offers substantial benefits for berth holders, making payments of marina service used efficient and seamless.

Benefits include:

- Payments via virtual wallet with personal account
- Reservation of utilities in advance
- Automated in-session low balance alerts
- Outstanding payment reminders
- Pre-pay & post-pay options
- Automatic top-up facility
- Access to any BERTHVEND marina service pedestal via the BERTHVEND app
- Secure payment via Opayo

If marina destinations opt for the Customer Dock, berth holders are able to switch on/off their assigned services as and when required, without needing to visit/contact the marina office.



BERTH HOLDER
Web-enabled device



MARINA OPERATOR
Web-enabled device

MANAGING YOUR MARINA

With BERTHVEND, there's a solution to meet all marina berth service management requirements. Our packages are designed to provide your destination with the best possible solution to meet the needs of your marina and your visitors.

Essential

The Essential BERTHVEND package allows marina operators to manage their services independently. This package enables marina operators and berth holders to benefit from BERTHVEND's standard features, such as unlimited multi-device back-office platform access; remotely switch electric sockets & water taps on/off; berth holder pre-pay & invoice accounts; billing & payment chasing facilities and more.



Essential+

The Essential+ BERTHVEND package allows marina operators to manage their services, whilst also enabling berth holders to independently switch on/off their assigned services via the Customer Dock. This package provides all of the features included in the Essential package, but with the inclusion of the Customer Dock.



Premium

The Premium BERTHVEND package provides marinas with a payment platform that enables berth holders to independently manage the assignment and the payment of their services, using the BERTHVEND mobile app. This package provides all the features included in the Essential + package, but with the inclusion of the BERTHVEND mobile app, allowing berth holders to use the marina's services without the need to interact with the marina's personnel.



	Essential	Essential+	Premium
BERTH HOLDER ACCESS:			
Via the Marina Office	✓	✓	✓
Customer Dock (Self-Service Portal)		✓	✓
Mobile Phone App (PAYG Via Virtual Wallet)			✓
MARINA OPERATOR MANAGEMENT:			
Unlimited Multi Device Back-Office Platform Access	✓	✓	✓
Services Management Dashboard	✓	✓	✓
View, Assign & Reserve Your Marina Services (Electric, Water, Sanitation & EV Charging)	✓	✓	✓
Remotely Read Individual Electric & Water Meters	✓	✓	✓
Remotely Switch Electric Sockets & Water Taps On/Off	✓	✓	✓
Berth Holder Pre-Pay & Invoice Accounts	✓	✓	✓
Billing & Payment Chasing Facilities	✓	✓	✓
Link Berth Holder Accounts To The Customer Dock (Self-Service Portal)		✓	✓
Independent Berth Holder Access (Via Mobile Phone App)			✓
Real-Time, Historical & Analytical Feedback	✓	✓	✓
Customisable Tariffs & Discount Groups	✓	✓	✓
Manage User Accounts (Credit, Access to Services & Transaction History)	✓	✓	✓
Exportable Data (Revenue & Consumption Reports)	✓	✓	✓
Remote Over The Air Firmware Updates	✓	✓	✓



SMARTVEND

RFID card control of marina electric & water supplies

SmartVend offers marina operators with a simple to use and easy to install RFID card controlled marina service pedestal solution. This solution is ideal for marinas, boatyards and waterfront locations that do not desire, or have the capacity to, install data cabling or a networked management system.

Designed to work as an individual, standalone system, SmartVend marina service pedestals can be installed without the requirement for any communication cabling or network management systems. Simply connect your destination's incoming electric cable and water pipe - and it's ready to use!

The SmartMaster Solo system features:

- Uses contactless, reusable RFID cards
- Card reader and user display at every berth
- Pedestal display shows service outlet and card credit values
- Measures exact electricity and water values consumed
- Two way communication allows transfer of credit from RFID card to pedestal and refund of unused credit from pedestal to RFID card
- 16A to 250A electrical supplies
- Single phase and three phase supplies
- ½" to 1" water supplies
- Operation and maintenance manual with every order



SMARTCARD METERS

Low cost electricity management

The Rolec smartcard meter is the most cost effective and reliable way of managing marina berth electric supplies.

The SmartCard Metering system features:

- Class 1 accurate smartcard meter complete with digital consumption display
- MID approved
- Re-usable waterproof smartcards
- Easy to operate software
- USB reader/writer card bed
- Secure tariff management



The smartcard meter has a built-in electrical contactor that automatically switches on/off the electric supply as credit is available or expires, and the meter will refund any unused credit back to the card. It can control 16amp, 32amp or 63amp single phase supplies.

Smartcard meters are an ideal solution for any marina, boatyard or waterfront location that does not wish to, or have the capacity to, install data cabling or a networked management system, it only requires a normal electric supply.

MARINA ILLUMINATION

Ideal lighting for pontoons, access bridges and quaysides

Energy efficient LED lighting is provided across all of our pedestal ranges and MegaMaster units.

Our unique 316 grade polished stainless steel LED Combi deck lights are hugely popular, and effectively used as subtle access bridge and pontoon walkway lighting as well as simply for aesthetic purposes, as their sleek appearance lends itself perfectly to this.

The Combi deck light has LED light output in two directions; which can be supplied with either a dual white, white and blue or white and green colour combinations.



WATER STANDS

Simple, affordable water taps on galvanised steel stands

Low cost galvanised steel water stands providing ½" water tap complete with anti-contamination valve and 30metres of food quality hose pipe.

Features include:

- Manufactured in galvanised steel
- ½" water tap
- Internal anti-contamination valve
- 30m food quality hose pipe
- Deck fixing plate for stability



SANITATION PUMP-OUT

A comprehensive range of free-to-use and pay-to-use sanitation and bilge pump-out systems, from a simple communal pump-out pedestal to multiple in-berth pump-out systems.

We offer an array of high quality, low maintenance pumps which are specified to suit each marina's individual pump-out requirements and circumstances - with pumping distance abilities that range from 5 metres to 500 metres. Pump-out solutions can be provided across all of our pedestal ranges and MegaMaster units.



DISTRIBUTION SYSTEMS

One of the most important elements of a marina, and usually the most expensive, is its electrical distribution system. Rolec's many years of experience in designing efficient marina electrical distribution systems is second to none.

Our design engineers take into consideration factors such as boat traffic and types, local markets and trends, local regulations, climate and conditions. All of these factors contribute to creating an efficient and robust electrical system. Our electrical shore isolation panels and distribution panels are manufactured on a project-to-project basis to a client's exact requirements, and are available in GRP, aluminium and stainless steel.

Full water and sanitation designs also accompany our free electrical designs provided by our dedicated team of design engineers - a team which possesses over 300 years of collective experience.





MARINA PRODUCT BRANDING

Rolec offers bespoke colour and branding options across the majority of its product range.

Rolec aims to give customers choice and flexibility, including unique branding options which can be in the form of bespoke colours, low cost logo vinyls, pier identification or illuminated logo lenses.



ELECTRIC VEHICLE CHARGEPOINTS

With the global electric vehicle (EV) market experiencing tremendous growth, there is an existing requirement for EV charging infrastructures across the globe to support the increasing adoption of cleaner and greener modes of transport. You have perhaps started to notice more and more visitors driving electric vehicles; but have you taken electric vehicle charging into consideration for your destination?

Installing EV chargepoints at your destination provides benefits for both marina operators and electric vehicle drivers.

- Open up your destination to all drivers
- Increase visitor footfall
- Generate customer loyalty & retention
- Generate additional revenue
- Future-proofs your destination
- Places your destination on the map
- Shows that you are environmentally conscious

Did you know?

If your marina/waterfront destination is UK based, you could be eligible for up to **£14,000** OZEV (Office for Zero Emissions) grant funding towards the purchase and installation of your chosen charging points.



Why Choose **ROLEC EV**

Pioneers in the electric vehicle charging industry, ROLEC EV offer solutions for electric vehicle drivers and businesses since the infancy of the EV revolution.

- ✔ A vast range of AC fast & DC rapid chargers
- ✔ 3.6kW through to 480kW charging speeds
- ✔ Mobile phone and/or RFID operated chargepoints
- ✔ Integrated smart back-office management solutions
- ✔ OZEV grant funded (for the UK) chargepoints
- ✔ OCPP compliant charging points
- ✔ Built-in PME fault detection
- ✔ MID-approved metering
- ✔ 4G / Wi-Fi / Ethernet connectivity
- ✔ Branding & colour options
- ✔ Wall-mounted & pedestal options



Other preferred mobile app partners:

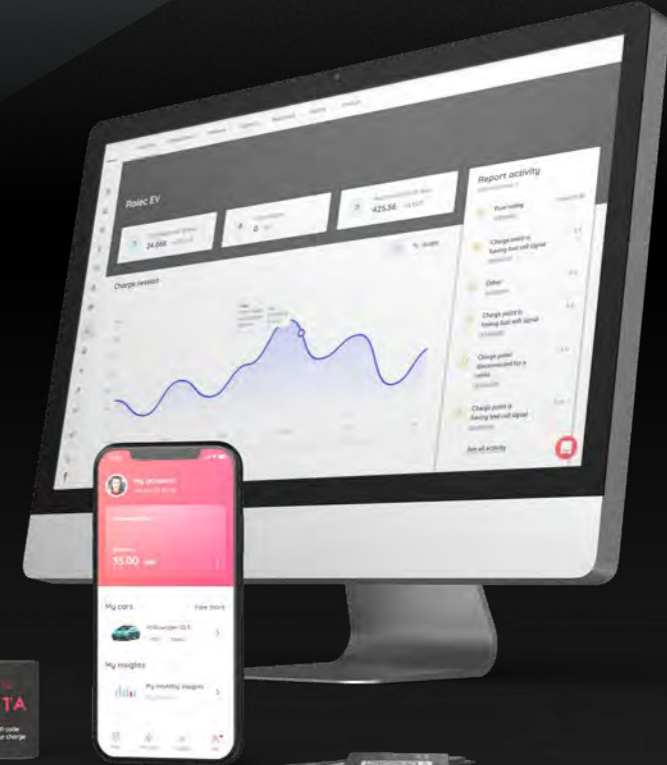
- wattif
- Fuuse
- ChargePlace Scotland electric vehicle charging
- ev.energy



Powered by **MONTA**

Powered by MONTA's chargepoint management platform, ROLEC EV provides businesses and organisations with the ability to deploy and self-manage their very own EV charging network at the most competitive priced plans on the market.

- ✔ Simple host management interface
- ✔ Easy to use chargepoints
- ✔ Generate revenue
- ✔ Customisable EV driver tariffs
- ✔ Scalable solution



ROLEC EV powered by MONTA enables you to get the most out of your chargepoints



ROLEC

t: +44 (0) 1205 724754
e: enquiries@rolecserv.co.uk

www.rolecserv.com

Issue 7

