



iconsys

iConvert™

Shore to ship power solutions

iConvert™ provides a comprehensive turnkey shore-to-ship power solution

iConvert™ is a fully integrated product that offers flexible power solutions for any vessel. It offers enhanced solutions to complement the existing grid infrastructure due to its microgrid design; and can be powered using batteries, renewables, fuel cells, or other power sources. iConvert™ provides fully flexible vessel connectivity solutions and is compliant to all relevant shore power standards, and features cloud-based performance monitoring and 24/7 smart support.

Enhancing performance through integration of power and automation technologies

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Why iconsys

iconsys are an independent UK based business with a wealth of experience and knowledge supplying into the marine industry. Delivering turnkey shore power and electric propulsion systems, marine automation and back of deck solutions using proven marine technology for new build, upgrade or retrofit projects.

iconsys are serving the needs of the marine sector challenges to meet sustainability and emissions savings targets using electric and fuel cell powered systems. Our independence provides the flexibility to select the right technology platform for our customers' requirements including cloud connectivity and 24/7 service support.

1987
Company founded

24/7
Engineering support

100%
Independent

600+
Accumulated years experience

Full UK design & build

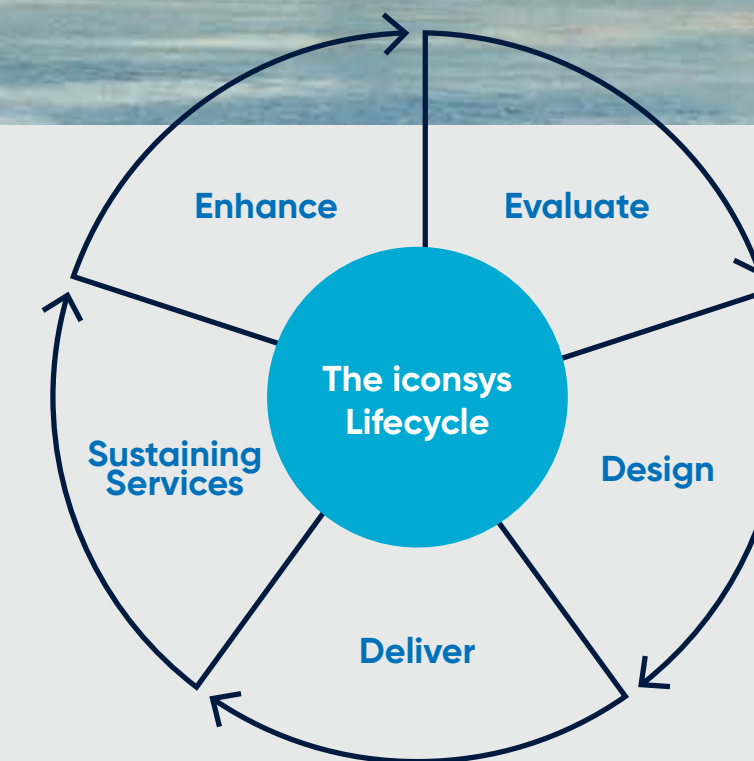


The Full Lifecycle Service

From concept to completion and beyond, you can count on iconsys to design, deliver and develop solutions for every stage of the project lifecycle, ensuring continuous and improvements

Evaluate

Site survey – Visit site for feasibility and viability analysis. Agree design specifications and provide proposals.



Design

Engineered for delivery against relevant standards, duty cycles and power availability. This includes project management, complete system specification and layout of electrical components / optimal solution for the site.

Deliver

Our project implementation covers installation and integration through careful planning and design methodology, followed by commissioning, test and trials, further supported with complete documentation packages.

Sustaining Services

We offer tailored contracts, scheduled preventative maintenance, upgrade and obsolescence management, warranty and lifetime service guarantees – service contracts, remote diagnostics via secure connection, training and full 365 24/7 support.

Enhance

Enjoy peace of mind with operation consulting and enhanced service with predictive maintenance options through full cloud connectivity and process analytics.

Global collaboration

As a platform-independent Solutions provider with extensive experience of applying and integrating equipment from many different manufacturers, iconsys is uniquely placed to assist you in selecting the optimum platform (or suite of platforms) for your shore power project.

Tailored shore-to-ship power solutions between vessels and ports for a cleaner tomorrow.

iConvert™ can be installed in any location, including onboard the vessel (e.g., container ship) and utilised with any required connection topologies. iConvert™ covers all power ranges, serving the requirements of multiple vessel sizes from CTVs to cruise liners.

iConvert™ future proofs your marine assets and supports smart port functionality.

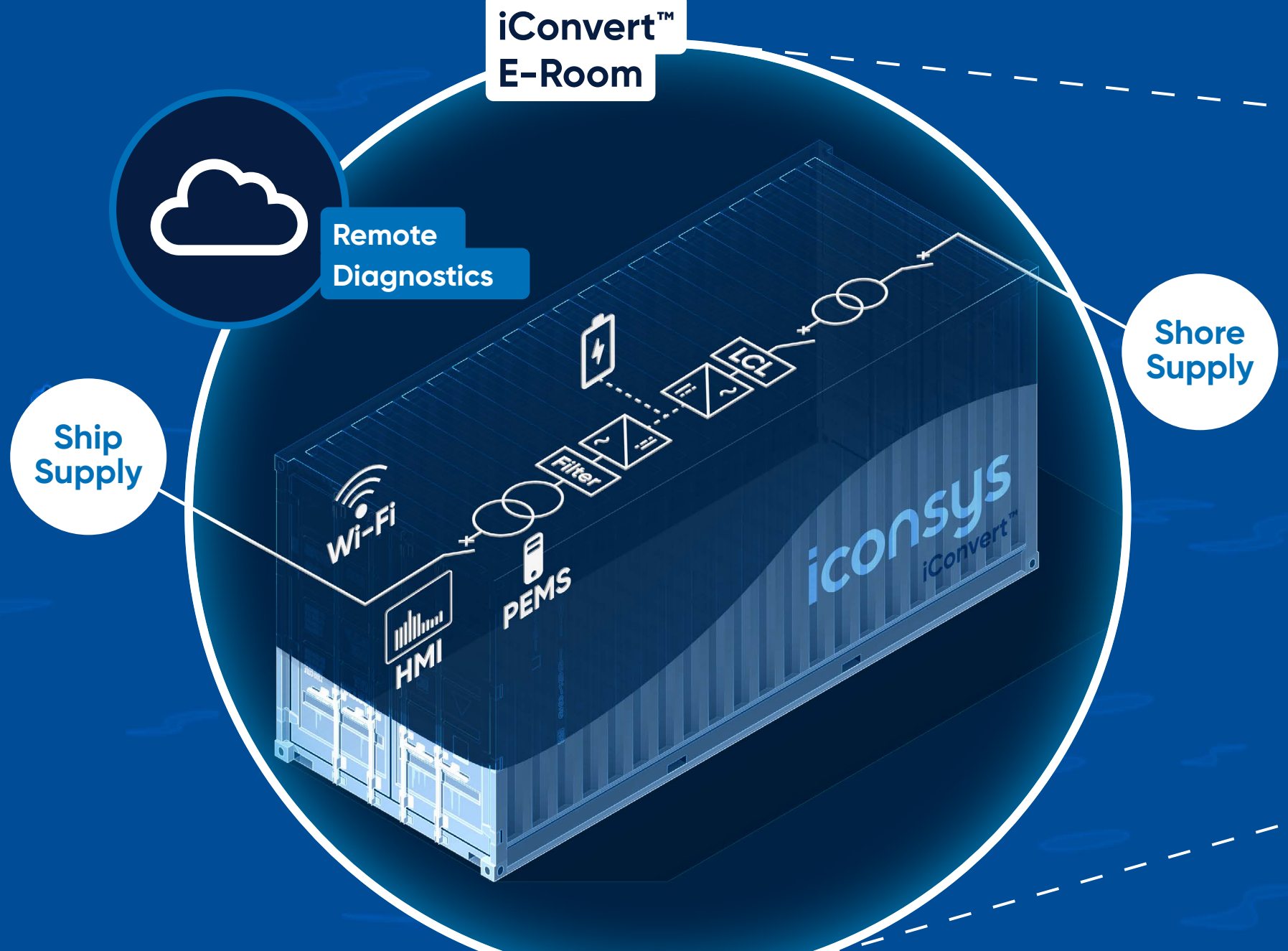
iConvert™ provides an integrated electrical system solution in order to reduce pollution, emissions, noise and vibration in ports. iConvert™ allows vessels to switch off their engines through seamless power transfer to its micro grid or port electricity grid.

iConvert™ ensures reliable and eco-friendly power for ports



iConvert™
for offshore applications

This block features a circular inset showing a cylindrical component, likely a power connector or plug, with a blue glow. Below it, the text 'iConvert™ for offshore applications' is displayed in a white box.



iConvert™
E-Room

Remote Diagnostics

Ship Supply

Shore Supply

Wi-Fi

HMI

PEMS

Filter

ICL

iconsys
iConvert™

This block is a large circular inset showing a detailed view of the iConvert™ E-Room. It depicts a container with various components labeled: 'Remote Diagnostics' (with a cloud icon), 'Ship Supply', 'Shore Supply', 'Wi-Fi', 'HMI', 'PEMS', 'Filter', and 'ICL'. The 'iconsys iConvert™' logo is prominently displayed on the side of the container.



iConvert™

This block shows a circular inset of the iConvert™ power converter unit, a rectangular box with a blue glow, connected to a cloud icon representing remote connectivity.



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iConvert™

Flexible finance options available for clean technology upgrades

- **Complete solution can be financed;** hardware, software, installation, training, consultancy
- **Fixed payment** over an agreed period
- **Spread costs** - Return on investment (ROI)
- **New solutions and technologies** can be added to the existing agreement

Contact us

iconsys is a leading UK automation solutions provider and systems integrator. Well-established and highly respected, we combine innovative technologies with extensive industry knowledge and experience, supporting you throughout the asset lifecycle to enhance the performance of your business.

Our vision is to lead customers into the digital era, through close working partnerships built on trust. We are driven to delivering world class solutions that inspire change across multiple markets.

Click or scan the QR code to learn more

Contact our Marine Solutions experts today

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