

A man wearing a white hard hat and a dark blue work jacket is sitting on an industrial structure, possibly a ship or offshore platform. He is looking down at a laptop computer he is holding. The background shows a blurred view of the sea and sky. The image is overlaid with a large, semi-transparent circular graphic.

 navarino

Developing a complete, secure
IT infrastructure

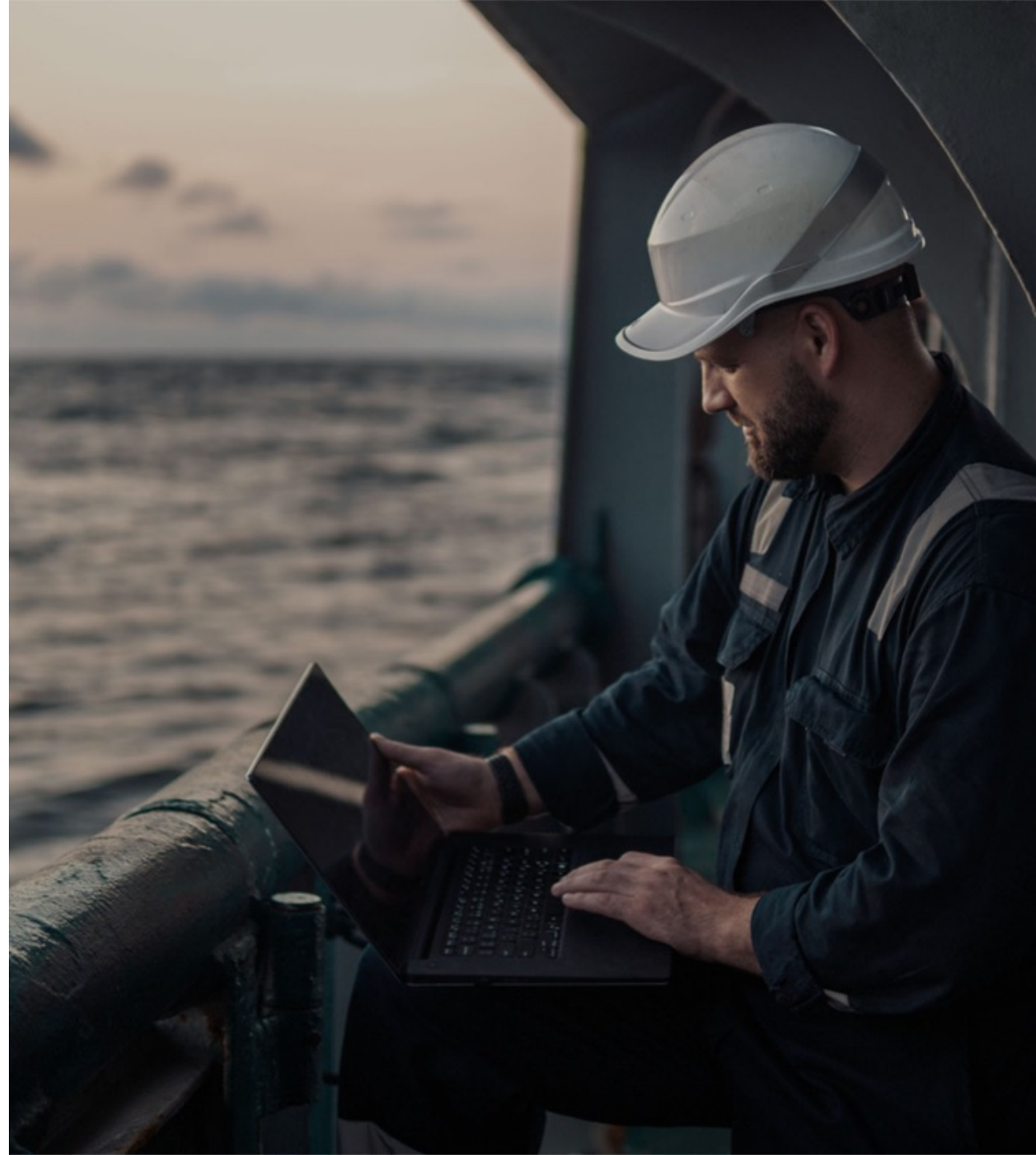
Presales Department

Embracing Digitalization across the Maritime Industry

The Solution: **QUAZAR**

A new way to **acquire, install and maintain** a complete vessel IT infrastructure including:

- All onboard IT **hardware and software**
- **24/7 IT management and support**
- All for **one fixed monthly fee** per vessel



Unique Advantages

- No CAPEX for hardware or software
- Data Protection and Compliance
 - Personal IT manager
 - Best in-class suppliers
- Significant cost and time efficiencies



Microsoft

Canon



SentinelOne™



SPECTRUM

RUCKUS
WIRELESS

NiComputing™



INFINITY



ANGEL
The first fully managed cyber security solution



Quazar Duties and Maritime IT Manager Duties

Management and Maintenance of the Infrastructure

- Monitor and assess systems performance, stability and reliability indexes
- Conducting regular system audits
- Implement Updates and patching
- Handling of diagnostics and troubleshooting the managed environment
- Install and configure supplied hardware and software
- Implement backup and restorations
- Assess systems for upgrades or replacements and place recommendations
- Monitor Applications install base
- Maintain all managed software and hardware licensing to ensure conformance
- Overseeing and determining timeframes for major IT projects including system updates, upgrades, migrations and outages
- Direct daily operations of department, analyzing workflow, establishing priorities, developing standards and setting deadlines
- Providing direction for the managed IT team
- Plan and coordinate project activity regarding new services and trials
- Designing training programs and workshops
- Co-Ordinate projects and Services among the interested parties

Cyber Security

- Virus / Malwares checks
- Cyber Security Incident Responses
- Rollback procedures
- Ensures security through Network, Software and firewall Access Controls.
- Perform Risk Assessments
- Perform Dark Web email scanning exposures
- Provide safe access (remote users) to the Infrastructure from 3rd party vendors.
- Audit Applications and Systems vulnerabilities

Compliance Documentation and Reporting

- Develop and Implement agreed IT policy and best practice guides for the Vessel environment
- Build, maintain and update compliance based technical documentation, and asset tracking
- Produce detailed, CIO and Auditor level reports
- Undertake the Safety Management System and incorporate the IT policies to it.
- Running and sharing regular operation system reports with senior staff

IT Strategy

- Inform about industry innovations and recommend relevant upgrades.
- Developing and propose IT policy and best practice guides for the organization
- Implement major onboard IT Projects
- Developing and implementing IT policy and best practice guides for the organization
- Derive Organization's Digital Strategy

User Support

- Set up accounts and User/Password management
- Provide users with technical support for accounts, managed computer 's problems or Infrastructure problems
- Application performance issues
- 3rd party vendor's management
- Application support and functionalities user support such as ERPs, and STA or others

Supplied Vendor's Management

- Develop and maintain vendor relationships for the supplied and managed Infrastructure and Software
- Maintain contracts and supports for the offered and managed infrastructure
- Maintain 3rd party vendor relationships and co-ordinate with the vendor's incidents or issues resolutions

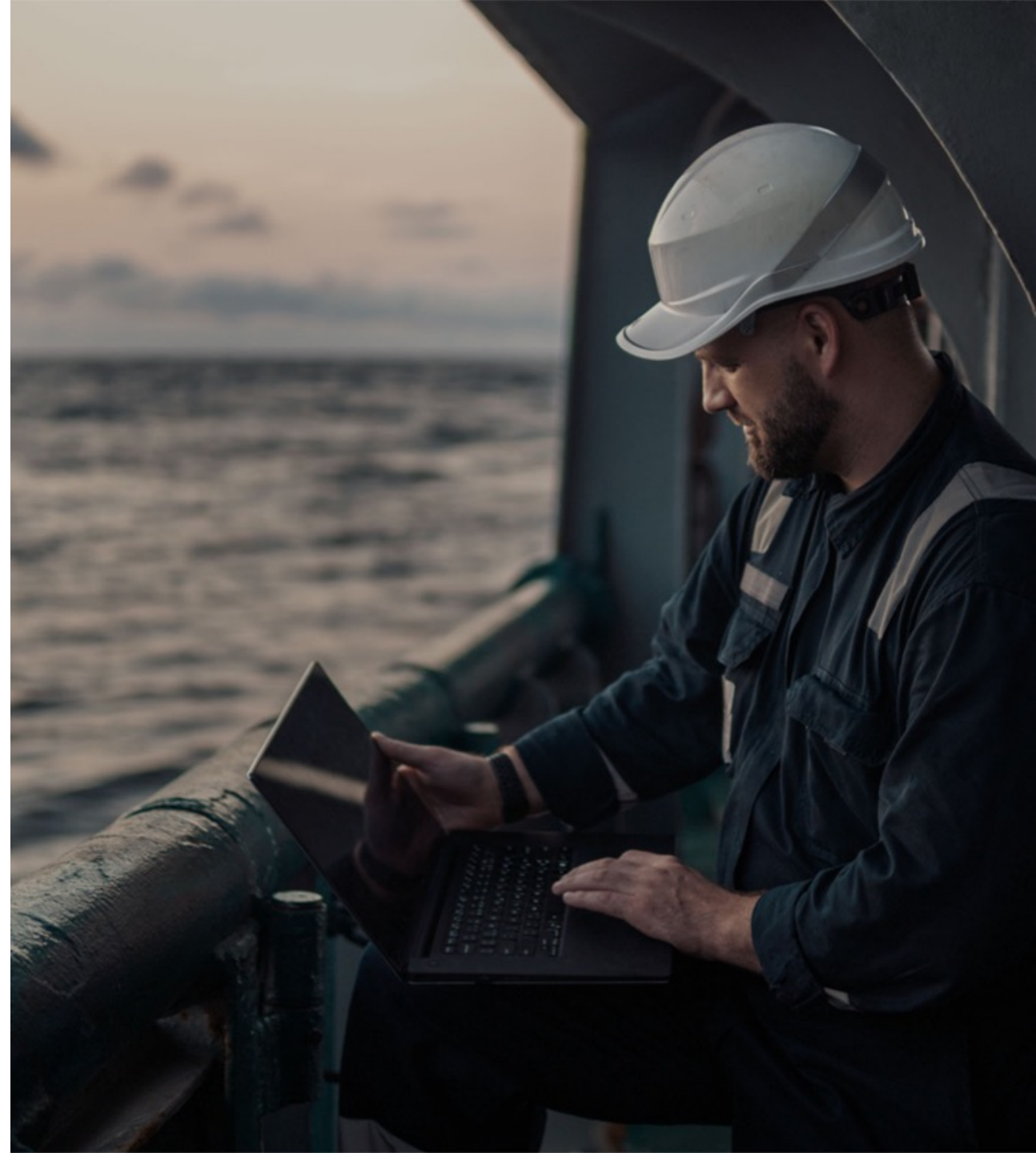




Embracing Digitalization across the Maritime Industry

Benefits

- Cost Efficiencies
- Peace of Mind
- Standardization
- Cyber Security
- Compliance
- Free Resources



The image features a stylized map of the Navarino Peninsula in Chile, rendered in shades of blue and white. The map is overlaid with a network of thin white lines connecting various points, suggesting a data network or connectivity. The background is a dark, textured blue. In the center, the Navarino logo, which consists of two overlapping circles, is followed by the word "navarino" in a clean, white, sans-serif font.

 navarino

Thank you.



Greece | United Kingdom | Cyprus | Singapore | Hong Kong | Norway | Germany

navarino.co.uk

Boosted by
navarino



**CYBER
MANAGED**



**ADDITIONAL
CLASS NOTATION**

Boosted by
navarino



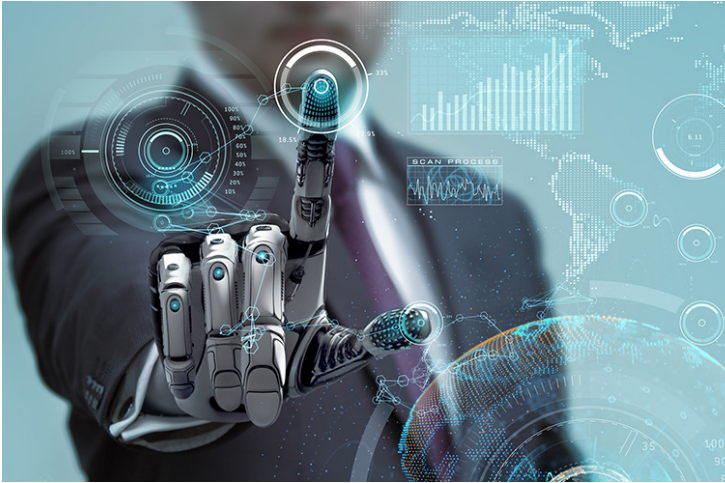
**CYBER
MANAGED**



**CERTIFICATE
OF COMPLIANCE**



3 reasons to choose BV CM Boosted by navarino



→ Automated documentation

Thanks to Navarino Infinity and Quazar, the documentation is:

1. automatically generated
2. consolidated by a team of cyber engineers
3. and ready to be submitted to BV for approval.



→ Continuous Survey

For the first time in classification societies history, a continuous survey of the vessel cyber security is implemented.



→ Insurance and ISM

BV Cyber expertise is now world renowned. Implementing cyber requirements (detailed in a comprehensive Rule Note) both allows to ensure compliance with IMO/IACS expectations and gain trust from insurance companies.