



# abela it

abela IT Service from **OneNovation**



Our service is trusted by the top ship managers in the world today,  
offering them compliance to the  
**IMO 2021 Cyber Security regulation.**



Our **abela IT Service** is designed from our 25 years' experience in supporting vessel ICT systems. Our value, efficiency and innovation derive from our engineering team, who specialise in all areas of IT, to provide a complete service to any enterprise infrastructure required on a vessel today.

**Service Options** for abela IT offered to suite the level of support needed according to client in-house IT involvement.

➤ **FULLY MANAGED SERVICE**

For a complete IT outsource to clients that have no or limited in-house ICT.

➤ **TIER 2 SERVICE**

For clients that have a sufficient in-house ICT department and require extended professional partner for continuous innovation and systems administration.

➤ Any other **CUSTOM SERVICE**

option based on customer requirements.

Full Scope of **Features & Services** offered in abela IT are:

**INFRASTRUCTURE DESIGN & CONSULTATION**

If required, our team work with your in-house IT to design the perfect IT infrastructure for your fleet. This provides a road map to roll-out a consistent, manageable and IMO compliant infrastructure.

**REMOTE CENTRAL MANAGEMENT & SUPPORT**

Full remote management and monitoring of your ICT system, providing visibility and administration to every device in your fleet. All maintenance is automated and centralised for from a single platform. Software changes, firewall configurations, network monitoring and systems updates are all administered by fleet, vessel or device. Additionally, automated IMO compliance reports are generated periodically as required.

**CONFIGURATION**

Our production center maintains your system images and sends equipment to your vessel with software already installed and configured to your requirement. Any software updates are also maintained and applied on orders.

**VESSEL INSTALLATION**

Our network of maritime IT engineers are able to install equipment globally.

**HARDWARE**

We have carefully designed a powerful and practical IT Datacenter to be installed for the vessel, which provides a secure and scalable backbone for any IT infrastructure. The abela IT Datacenter consists of the following components to support enterprise requirements.

➤ **ZWANA SERVER**

A powerful server accompanied with our Zwana software suite and advanced telemetry for predictive maintenance. Use Zwana as your Application Server, Active Directory Server, Internet Café, VoIP, Inmarsat FX NSD.

➤ **WATCHGUARD**

A world leading UTM Firewall for network segregation, ISP failover (including GSM, Wifi), Security Services (web blocker, application control, IPS).

➤ **NETWORK STORAGE**

Full data redundancy and daily backups. Ability to remotely restore a new datacenter or workstations from the network.

➤ **NETWORK SWITCH**

Managed network switch to maintain network segregation with VLANs.

➤ **UPS**

Universal Power Supply, capable of maintaining power to the datacenter in case of vessel power outage.

**For your vessel's workstations, we offer our maritime PC, Enza. If preferred, we are also a Dell partner.**