



# VerIT OnBoard

DNV IT Solutions

# VerIT – Connecting business

## Standard IT Infrastructure



### VerIT OnBoard solution

VerIT OnBoard is a complete infrastructure solution designed especially for small environments where there may be limited or no WAN communication to the organisation's network. The solution is particularly applicable onboard ships where IT support personnel experience accessibility challenges.

Using VerIT OnBoard, the installation and configuration of a server and its associated clients is an automated process. Set-up of all required applications and servers is quick and standardised.

The solution includes easy-to-use management tools that can be either utilised onboard by the ship's personnel or executed remotely by IT support. VerIT OnBoard also comes with a standard monitoring solution that alerts onshore support when a critical event occurs on the server (including monitoring of event logs, server hardware, backup and server utilisation).

The deployment of new server services and/or end-user applications is fully automated, and onboard personnel only need basic IT skills in order to install, configure and update the IT infrastructure.

### VerIT OnBoard services

- Authentication/authorisation
- File and print services
- OnBoard monitoring (hardware, event logs, performance management tools, etc.)
- OnBoard Admin Tool
- Built-in scripting tools for automation of tasks and configurations
- NET framework
- Simple restoration of files by end users
- Automated installation of server and clients
- Automated software deployment
- Antivirus
- Networking services (DNS, DHCP)
- Backup/restore
- Operational procedures
- Disaster recovery
- Wireless network

## A common IT infrastructure standard in shipping

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### Simplicity

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- Quick and easy to install; the solution is up and running within a few hours
- Stable and efficient IT infrastructure especially designed for onboard ships, and also applicable in small office environments onshore
- Fully automated installation of server and clients
- Client installations (and re-installations) can be easily completed by onboard personnel with little or no IT experience

### Deployment

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- Easy, step-by-step installation and configuration guides and operational procedures
- One common configuration that is automated to reduce the risk of human error
- Built on Microsoft Windows technologies
- Fully automated upgrade of the IT infrastructure
- Fully automated deployment of applications to end users

### Security

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- Built-in antivirus solution (optional)
- Built-in backup solution (optional)
- Built-in firewall on all clients
- Delivered with disaster recovery routines
- Simple restoration of files by end users
- Built-in critical security patches that can automatically be updated

### Operation

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- Simple system administration by onboard personnel through the OnBoard Admin Tool
- Ability to remotely administer the solution by utilising the command line option in the OnBoard Admin Tool
- The OnBoard Monitor provides monitoring of server hardware, event logs and critical components, and sends alerts to onshore support personnel when a critical event occurs

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