



ONEGATE

360° network management solution

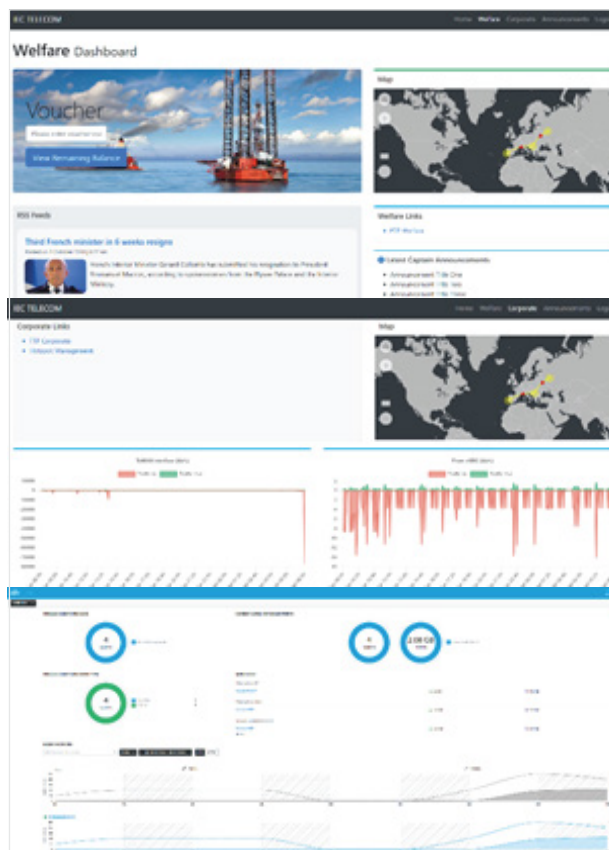
Agile, lightweight, and easy to install, OneGate is a future-ready network management solution designed to operate in dual GSM/satcom mode. Designed with a customisable dashboard, OneGate allows to remotely manage the traffic, issue crew/guest vouchers, alter access levels as well as add, update or upgrade new applications. In addition, this system comes with an inbuilt Wi-Fi controller and superior cyber security toolkit. Lastly, it optimises the default bandwidth while automatically routing data over the least-cost network available, thus, delivering the best user experience at an optimal fee.

LOCAL DASHBOARD

- Protected access to the corporate dashboard
- Voucher monitoring
- Full visibility over WAN links data and bandwidth usage
- Access to the hotspot management portal
- Signal strength monitoring and tracking
- Internal announcement feature
- RSS feed from major news networks (Optional)

CREW/GUEST VOUCHERS

- Managed locally or via IEC Telecom customer support
- The captive portal intercepts users on the crew network and requests authentication
- Data distributed via in-built Wi-Fi router, enabling remote teams to stay connected via personal devices



WAN OPTIMISATION

- TCP compression and redundancy elimination
- TCP Acceleration
- Avoids unnecessary retransmissions
- Maximum line speed
- Link bonding and balancing

FILTRATION AND USAGE CONTROL

- Two-stage filtration possible, onshore and offshore
- Application identification and categories classification (WhatsApp, etc.)
- Advanced usage reports to provide full visibility of the network traffic

INTEGRATED LTE FAILOVER

- Integrated LTE modem to reduce costs
- Seamless failover between LTE and satellite links

CYBER SECURITY

- Two levels of cyber security: at the gateway and remote
- Advanced intrusion detection and gateway antivirus on board
- Endpoint security with remote configuration
- Advanced Filters designed per WAN link (VSAT, L-Band, LTE) as required
- Full vulnerability monitoring from central shore dashboard

ADD-ONS

The functionality of OneGate can be further expanded with a wide range of IEC Telecom applications geared to operate in a low-bandwidth environment.



Optimised application for videoconferencing



Remote maintenance delivered over hands-free handset



Video surveillance software with advanced remote access



Portable digital telemedicine kit



Virtual portal for network management and apps administration



Cost-effective email service for small vessels



Cutting-edge antivirus solution for remote networks



Email service for vessels with multiple users



Bi-directional file-transfer service for sea-shore data replication

OPTIVIEW: END-USER PORTAL

- Full visibility over WAN links
- Advanced filtration management
- History of bandwidth usage
- Usage details report
- Credit limit management
- Voucher monitoring
- Tracking & signal monitoring

