IEC telecom



OPTIVOUCHER

360 VOUCHER MANAGEMENT SOLUTION

OptiVoucher is an enterprise-grade platform designed to enable simultaneous satcom access for multiple end-users, with structured control over consumption and access levels. Built as part of IEC Telecom's digital ecosystem, the system allows organisations to centrally manage and monitor connectivity while deploying corporate allowances alongside a self-service portal for prepaid access. The solution is designed for seamless scalability across multiple sites, supported by global deployment capabilities and a 24/7 support centre that ensures efficient roll-out, continuous optimisation, and future-ready system updates.

SOLUTION ARCHITECTURE

OptiVoucher is built around three core components:

MANAGEMENT PORTAL
for corporate access

CAPTIVE PORTAL
for end-user access

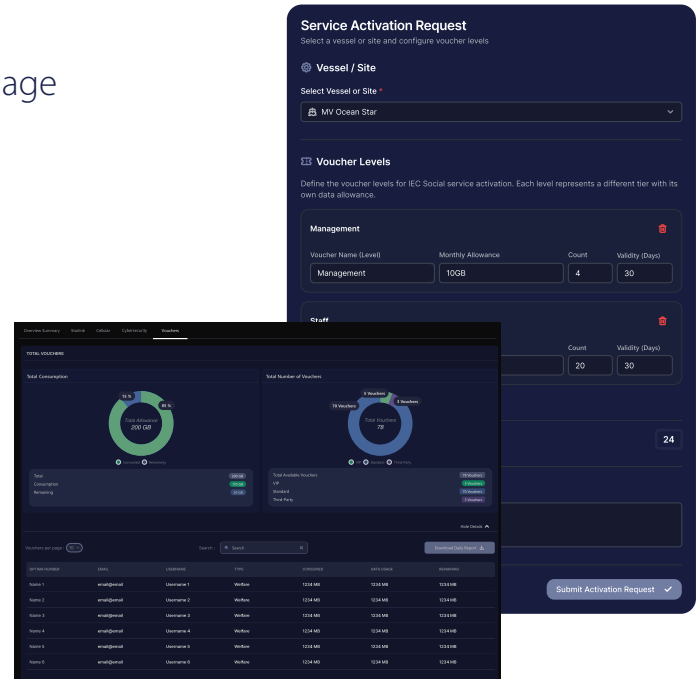
TECHNICAL ECOSYSTEM
with 24/7 support

MANAGEMENT PORTAL

IEC VOUCHER MANAGER

Centralised dashboard for ICT managers to manage and monitor corporate voucher consumption.

- Centralised control via IEC Voucher Manager within OptiView
- Intuitive dashboard with customisable panels and interactive insights
- Real-time monitoring of voucher allocation, usage, and user activity
- Policy-driven configuration of access rules, allowances, and user categories
- Multi-site governance with consistent enforcement across all locations



CAPTIVE PORTAL

IEC SOCIAL

Captive portal for user authentication and access to corporate allowances and prepaid data bundles.

- Dedicated “WELFARE” tab for activation of corporate allowance
- “TOP UP” tab for seamless purchase of additional data bundles
- Real-time visibility of usage and remaining balance via web-based URL
- IEC Social loyalty programme to enable free data rewards for frequent users
- Fully customisable interface that supports branding, announcements, and monetisation



TECHNICAL ECOSYSTEM

INSTALLATION & SUPPORT

Deployment, integration, and ongoing optimisation across the entire solution lifecycle

- Multiple hardware options for projects of any complexity
- Seamless integration with hybrid connectivity environments (LEO / GEO / LTE)
- Global stock availability with delivery and installation support anywhere
- 24/7 support centre that ensures remote troubleshooting, updates, and system upgrades

CYBERSECURITY

NETWORK SEGREGATION

Basic Security Available by Default

Most cyber threats still originate from the unintended misuse of personal devices. By segregating corporate, welfare, and pre-paid environments, we safeguard critical operations while maintaining the flexibility to support welfare initiatives.



ADVANCED PROTECTION WITH OPTISHIELD

Add-on Service Available on Demand

ADVANCED THREAT PROTECTION

Detects and automates response in real-time to prevent malware outbreaks

SECURE REMOTE ACCESS

Enables encrypted VPN access with optional two-factor authentication from anywhere

DATA LOSS PREVENTION (DLP)

Safeguards sensitive data with encryption, monitoring, and compliance controls

RANSOMWARE PROTECTION

Detects threats, rolls back unauthorised changes, and restores system integrity

ANTI-EXPLOITATION

Blocks advanced malware and vulnerabilities using global threat intelligence

WEB FILTERING & SAAS CONTROL

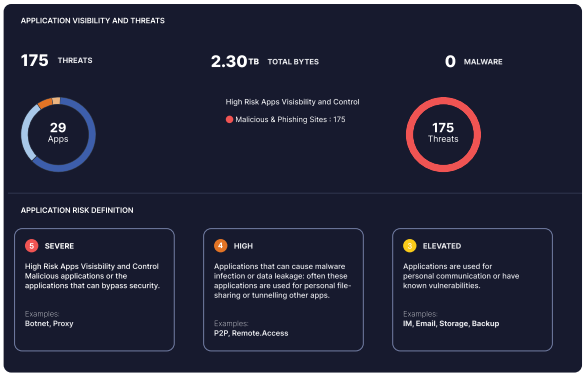
Controls web and app access with botnet defence and traffic filtering

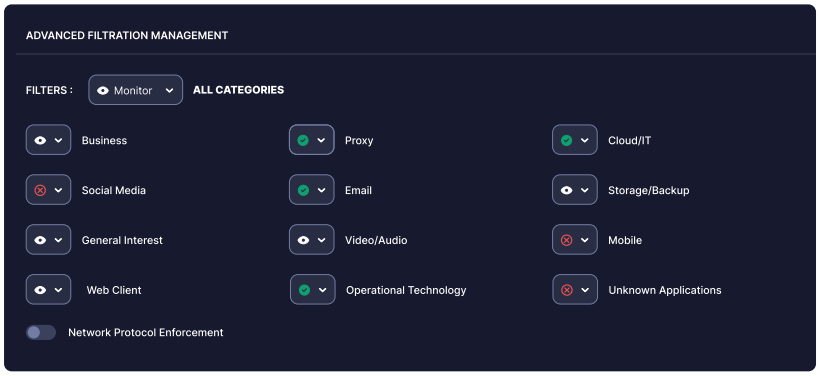
PATCH POLICY ENFORCEMENT

Ensures critical updates are applied promptly, even when offline

24/7 CYBER RESPONSE TEAM

Delivers always-on expert support for rapid incident detection, containment, and recovery





USE CASES

OFFSHORE ENERGY & MARITIME

Structured connectivity enhances crew welfare and operational efficiency onboard vessels and platforms. Controlled allowances ensure predictable usage, with secure, time-bound access for third-parties (inspection, maintenance, etc.).





HUMANITARIAN OPERATIONS

Sustainable connectivity in remote environments supports staff mobility and multi-site management. Controlled access to essential online services and communication tools promotes digital inclusion.

REMOTE INDUSTRY & INFRASTRUCTURE PROJECTS

Reliable connectivity improves workforce wellbeing and retention across remote sites. Structured access supports communication, safety coordination, and digital workflows without compromising network performance.





ENTERPRISE SECTOR

Controlled and scalable connectivity supports diverse user groups in retail and business environments. An intuitive interface adapts to evolving operational needs and simultaneously enables digital services, loyalty programmes, and analytics.

LARGE-SCALE EVENTS

Controlled connectivity enhances user engagement at large-scale events. Scalable access enables real-time content sharing, supports event applications, and facilitates cashless payments in high-demand environments.





PUBLIC TRANSPORTATION

Structured onboard connectivity enhances passenger experience, enabling the roll-out of infotainment systems. Network segregation isolates end-user and corporate environments, minimising congestion and eliminating cross-contamination risks.