IEC telecom

OPTICLOUD

Online tools allowing full visibility over your satcom assets

OptiCLOUD is an IEC Telecom platform that delivers an incredible set of value-added services complementing your existing satcom resources. This set of services enables the optimal use of satellite links bandwidth and offers full visibility of your satellite assets. From cyber security and WAN optimization to live monitoring and reporting, the OptiCloud platform covers it all.

FILTERING & USAGE CONTROL

Unwanted usage can easily dominate a satellite link, weaken the security of the network, and compromise mission critical applications. OptiCLOUD offers full control of satellite assets with advanced filtering as well as web and application control.

White List: A highly restrictive filter level that only allows authorized website browsing. It can be set up to give access only to specific corporate websites, webmail, and intranet.

CONTROLLED USAGE WITH SMART FILTERS AND APP MONITORING

FULL VISIBILITY OVER THE ENTIRE FLEET

Smart Filters: Similar to white lists, yet more adaptive in terms of website category restrictions such as those for adult, offensive, or video streaming content. IEC Telecom's leading technology editor continuously updates and maintains a list of websites and sorts their content. This option is more flexible than a white list as it evolves and updates with the appearance of new websites.

ADVANCED AND AUTOMATIC REPORTING OF NETWORK ACTIVITY

DASHBOARD

OptiCLOUD Dashboard is an online information hub that provides real-time on-shore control and management of all your satcom. The main features of the dashboard include:

- Live status monitoring of all terminals
- Live bandwidth consumption monitoring
- Live VoIP account monitoring and management
- Scratch cards/vouchers monitoring
- Filters management
- Credit limit and notifications management
- Live vessel and vehicle tracking

ADVANCED REPORTING

OptiCLOUD enables a clear demarcation of professional and recreational data consumption. With full visibility over your network activity, you can prevent congestion of your satellite links and prioritize business traffic. With OptiCLOUD, you can:

- Receive a detailed qualitative content analysis to visualize traffic activity
- Receive automatic monthly report per SIM card, satellite link, or project
- Receive tailored usage reports according to specified criteria
- Monitor network activity and adjust permissions, if needed

INTERCONNECTION

Easily connect all your remote sites with the headquarters using IEC Telecom's infrastructure. With OptiCLOUD, you can secure your satcom assets and ensure quick access to critical applications no matter where you are located. Inbuilt benefits of OptiCLOUD include:

- Software VPN service (from IEC Telecom point of presence)
- Dedicated landline service (POP-based in London)
- Seamless connectivity across L-band and VSAT gateway solutions

BANDWIDTH OPTIMIZATION

With OptiCLOUD, access an enhanced end user experience via WAN optimization. All IEC Telecom proprietary infrastructure is eligible for data compression and TCP acceleration, and has been specifically designed for satellite telecommunications. The optimization significantly improves connectivity by limiting the effects of latency on TCP applications, reduces airtime costs, and even increases usage times. Moreover, you can benefit from automatic link switching, bond modems to increase your throughput, and balance the load on specific satellite links. With OptiCLOUD, your business benefits by:

- An improved overall user experience
- 30% improvement in application responsiveness
- Optimized and cached data traffic
- A fully transparent use of applications
- Low total cost of ownership due to IEC Telecom hosted optimizers

ENHANCED END USER EXPERIENCE WITH WAN OPTIMIZATION

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