AMPHINICY TECHNOLOGIES

ETL Systems

Monica Monitoring & Control Software

Centralised Orchestration for RF & Satellite Systems



WWW.ETLSYSTEMS.COM

Complete network visibility

Modern satellite ground networks demand complete visibility, rapid fault resolution, and seamless control across increasingly complex RF infrastructures.

Monica is the Amphinicy Technologies industry-proven platform with over 25 years of experience in delivering mission-critical monitoring and control systems worldwide. Our integrated offering brings everything together into a single, intuitive platform. From a single vendor, you can source your RF hardware and the software to enable operators to monitor, manage, and optimise their entire RF signal chain from one interface.



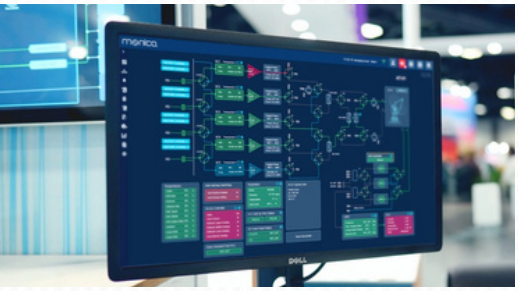
Key features and benefits

- Single pane of glass providing complete visibility and control across all devices, sites, and signal paths. With real-time monitoring and intelligent alerting.
- Open, standards-based architecture for seamless integration with existing OSS/BSS systems and third-party equipment via REST APIs, SNMP, and industry protocols.
- Rapid onboarding of new devices with flexible driver creation - enabling vendor-agnostic control across both legacy and modern equipment.
- Transform operational data into actionable insight with advanced analytics, reporting, and long-term performance trending.
- Deploy on-premise, in the cloud, or in hybrid environments to suit your operational needs. Scalable architecture for networks of any size.

Built for mission-critical operations

Designed with high availability, redundancy, and resilient architecture to support always-on satellite networks. Monica is ideal for:

- Teleports & ground stations
- Defence and government networks
- Broadcast distribution systems
- Enterprise satellite communications







Why choose ETL and Monica?

Complete Network Visibility

Gain a real-time view of your entire RF signal chain, from antennas through to distribution.

- Live status monitoring of all connected devices
- Clear visual dashboards and topology views
- Historical data trending for performance insights

Centralised Monitoring & Control

Operate your infrastructure from a single platform.

- Manage multiple sites and systems remotely
- Configure and control everything from RF equipment to external software services
- Reduce reliance on manual, on-site intervention

Proactive Fault Management

Identify and resolve issues before they impact service.

- Intelligent alarms and notifications
- Root cause analysis through correlated data
- Faster issue resolution and reduced downtime

Scalable & Flexible Architecture

Built to adapt to your network as it evolves.

- Suitable for small installations through to global networks
- Easily integrates with existing systems
- Supports third-party equipment

Automation & Orchestration

- Automate routine operations and workflows
- Trigger actions from alarms and events
- Schedule system activities and reporting
- Reduce manual intervention and human error

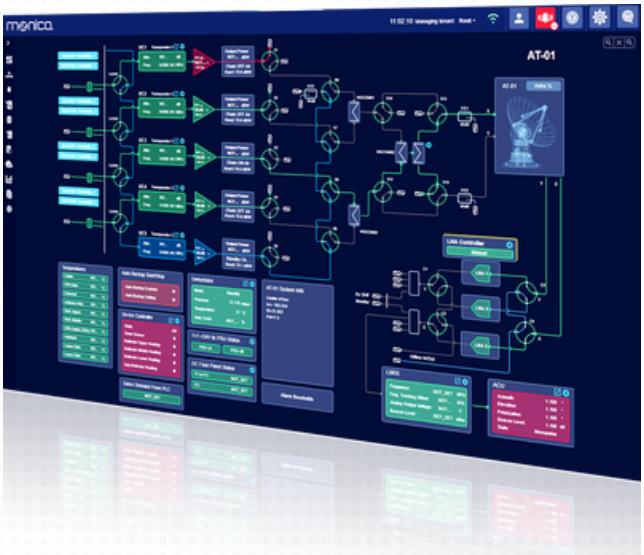
End-to-End Solution

Reduce ground segment complexity and simplify your procurement.

- One partner for both hardware and software
- Faster deployment with fully integrated solutions
- Optimised performance across RF signal chain

Operational Benefits

- Reduce downtime and service disruptions
- Improve network efficiency and utilisation
- Lower operational costs through automation
- Enable data-driven decision making



Seamless integration

Monica is the central intelligence layer of your RF infrastructure - unifying monitoring, control, automation, and insight into a single operational platform.

Monica provides vendor-agnostic integration for IP-enabled technologies. For ETL customers, it is optimised out of the box to work with ETL products such as:

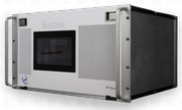
The GENUS Ecosystem



- AMPLIFIERS
- DIGITISERS
- FREQUENCY CONVERTERS
- MATRICES
- RF OVER FIBRE
- POWER INSERTION
- SPLITTERS & COMBINERS
- TEST & MEASUREMENT
- SWITCHES



Switch Matrices



RF switch matrices/routers from 4x4 to 256x256 in a variety of frequency bands.

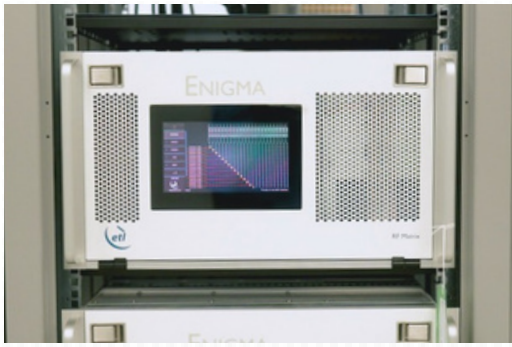
Uplink Amplifiers



TWTAs and SSPAs/BUCs covering C- to V-band with output power ranging from 85W to 2500W.







As RF and satellite infrastructures grow in complexity, a unified management layer becomes essential. Monica ensures your infrastructure is visible, controllable, scalable, and resilient. Book a live demonstration today and see it in action.

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