



CATVisor Software Family

CATVISOR ARGUS ENABLING PROACTIVE AND EFFICIENT CABLE NETWORK MANAGEMENT

Teleste's Argus is a comprehensive network management system designed for cable MSOs. As part of the CATVisor software family, Argus delivers intelligent visibility and precise control across access networks. It reduces operational complexity, cuts costs, and ensures high service reliability — giving operators confidence in daily operations while preparing them for future challenges.

Through real-time monitoring, powerful diagnostics, and seamless remote management, Argus enables operators to proactively manage their networks. Instead of reacting to issues after they affect customers, engineers can anticipate and address problems in advance. Combined with Teleste's commitment to continuous innovation, Argus ensures your network remains resilient, efficient, and future-ready.

TELESTE

CATVISOR ARGUS MEETING TODAY'S CABLE NETWORK CHALLENGES

Cable operators today face rising competition and ever-greater network complexity. Reliability and availability have become the true differentiators. Argus addresses this shift by unifying visibility across both legacy and next-generation architectures, simplifying daily operations, and enabling operators to prevent outages before they impact customers. The result is a network that runs more efficiently, with higher service quality and lower costs.

Operational Advantages of Argus Network Management System



Reduce Operational Costs

- Minimize truck rolls, seasonal maintenance visits, and helpdesk calls with accurate remote monitoring and troubleshooting.



Enhance Reliability and Customer Satisfaction

- Continuous monitoring and telemetry make it possible to resolve issues before customers notice them. Field device software updates can be performed seamlessly without service interruptions.



Simplify Network Management

- A single, intuitive user interface provides clear visualizations, customizable alarms, and context-rich data. Automated "birth certificates" ensure accurate device inventory and speed up deployments.



Increase Energy Efficiency of Your Networks

- Optimized device management lowers unnecessary power consumption, translating directly into cost savings.

Why Choose Argus?

- Part of Teleste's trusted CATVisor family, deployed globally across large operator networks.
- Proven to lower costs, improve efficiency, and increase network reliability.
- Backed by Teleste's decades of expertise and commitment to long-term innovation.
- Supports both legacy and next-generation workflows — ensuring continuity for existing customers while offering a modern path forward for new deployments.

Key Features and Benefits

Complete Network Visibility

- **Automated discovery** → Save manual work and avoid errors.
- **Integrated map view included with Argus server** → Get a clear picture of amplifiers and networks directly on a server-integrated map through WebUI.
- **Legacy support for rack views and user-created diagrams available in Explorer UI** → Get a clear picture of the network at a glance.
- **Logical and physical associations for RF** → Make troubleshooting faster and more precise.

Advanced Monitoring and Control

- **Continuous event logging with severity filters** → See the right alarms at the right time.
- **Measurement history and trend graphs** → Learn from past performance and prevent repeat issues.
- **Automated ingress search and control** → Cut noise problems and avoid outages.

Device & Configuration Lifecycle Management

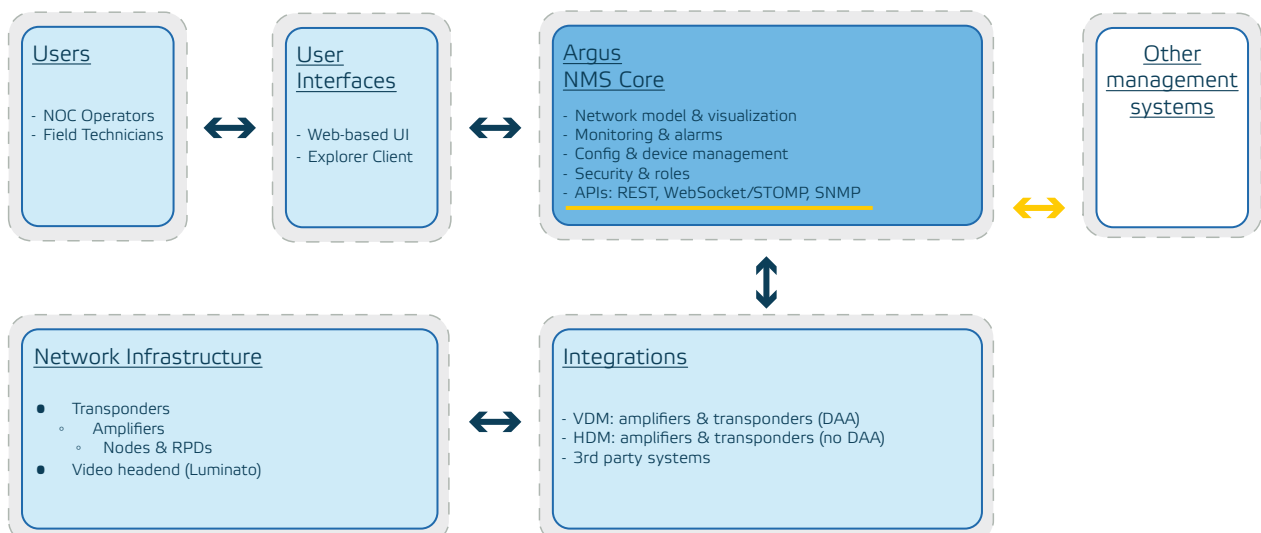
- **Remote configuration and batch operations** → Cut truck rolls and repetitive tasks.
- **Software upgrades with rollback support** → Make updates smooth and safe.
- **Configuration backup and restore** → Recover quickly if issues occur.
- **Automated “birth certificates” with GPS and inventory data** → Keep records accurate from day one.
- **Luminato Manager plugin in Explorer** → Advanced batch operations for headend devices.

Robust and Scalable Architecture






- **Linux-based, containerized server platform** → Get a stable, secure foundation.
- **1+1 redundancy and backup/restore** → Ensure continuous operation.
- **Archiving and security updates** → Stay compliant and future-ready.
- **Two user interfaces:**
 - **Modern web-based UI with integrated map** → Everyday tool for most operators.
 - **Explorer desktop client** → Advanced tool for database edits, plugins (e.g.SmartLoader), and Luminato management.

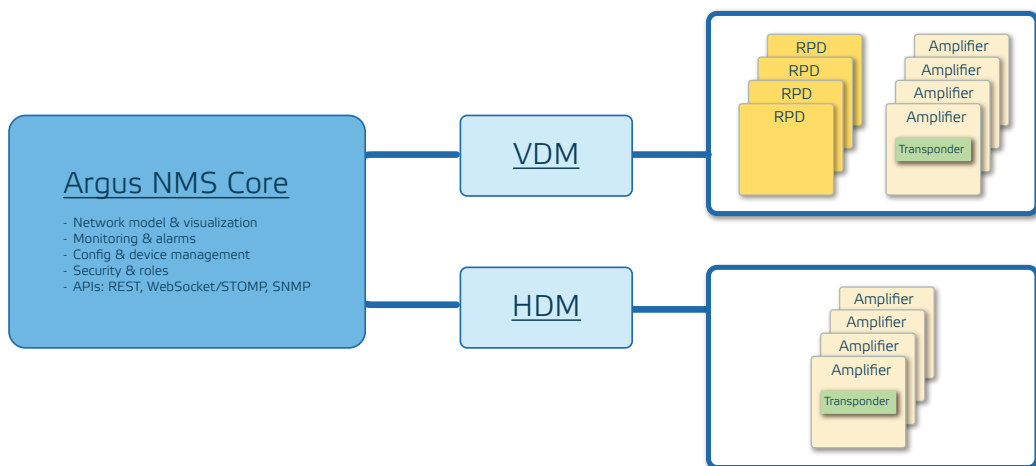
System Integration

- **Fully open REST API** → Integrate Argus into OSS/BSS and third-party systems.
- **Attachments repository and API access** → Link Argus to external document systems.
- **Streaming telemetry** via WebSocket/STOMP
- **SNMP agent for northbound integration.**



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NETWORK MODEL & VISUALIZATION	
<ul style="list-style-type: none"> • Automatic network discovery via supported gateways. • Device inventory for amplifiers, nodes, and transponders. • Integrated map view with server. • Explorer legacy support for racks, devices, and block diagrams. • Custom overlays for RF and power. • Background image support (WMS maps, graphic formats). 	
MONITORING & DIAGNOSTICS	
<ul style="list-style-type: none"> • Real-time event logging with severity levels. • Measurement history and export for analysis. • Telemetry with alarms, auto-alignment parameters, and spectrum monitoring. • Automated ingress search and control. • Attachments repository for manuals, diagrams, and field photos. 	
DEVICE & CONFIGURATION MANAGEMENT	
<ul style="list-style-type: none"> • Remote and batch configuration of devices. • Software Update Manager with rollback support. • Backup and restore of device configurations. • Automated "birth certificates" for commissioning with GPS and inventory upload. • Luminato Manager plugin available in Explorer for video headend device management. 	
SECURITY & ACCESS CONTROL	
<ul style="list-style-type: none"> • Local, RADIUS, or LDAP authentication. • Custom user roles and group-based visibility. • HTTPS management with SSL/TLS certificates. • REST API with secure authentication. 	
SYSTEM ARCHITECTURE & SCALABILITY	
<ul style="list-style-type: none"> • Linux-based, containerized deployment. • Two UIs: modern web-based with maps, and Explorer for advanced legacy use. • Backup/restore and event archiving. • 1+1 redundancy for failover protection. 	



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