AVSYSTEM

Transform your operations with the best all-in-one device management system

Unified Management Platform

INTRODUCTION

Device management is at the heart of all telecom operations. As your customer base grows, the number of devices that need managing translates into increased workload and operational costs for network operations centers and customer care departments. Apart from increasing operational costs per each new customer, inefficient device management translates to poor customer experience and can reflect badly on company reputation.
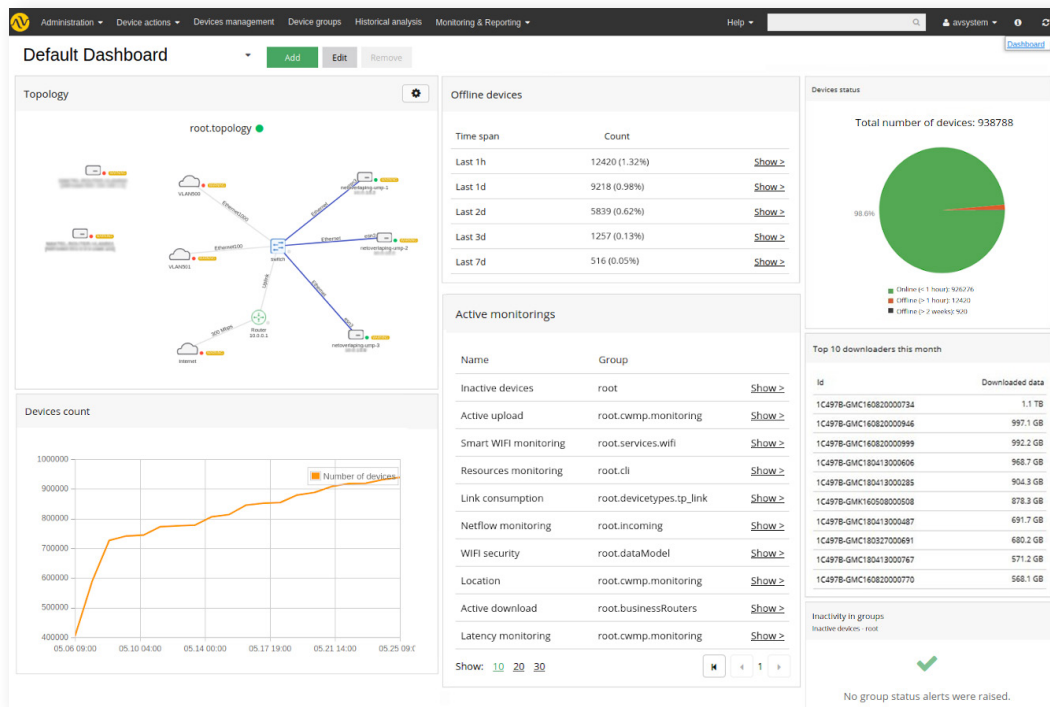
UNIFIED MANAGEMENT PLATFORM (UMP)

AVSystem's Unified Management Platform (UMP) is an auto configuration server (ACS) for device management. It allows telcos to both **automatize the service provisioning processes and effectively solve customer problems**.

With UMP, you can **manage devices from all vendors, across all technologies** (such as FTTx, FWA etc.) and protocols (TR-069 and others) with just one comprehensive platform equipped with an easy-to-navigate user interface.

AVSystem provides telcos and ISPs with more than just best-in-class technology. Having transformed device management for 100+ operators worldwide, **we provide expertise in the field**. This is why when you choose UMP, we integrate it with all devices and external systems, **we deliver all necessary customizations and provide help** through comprehensive training and continuous support for your teams.

Experience proves that this **eliminates a significant portion of manual operations** and makes technical staff onboarding quicker and more cost-efficient. Moreover, our data shows that **by introducing UMP you will reduce the number of support calls by 30% and their duration by as much as 50%**.

UMP PREMIUM SOLUTIONS

On top of a market-leading ACS, we offer a set of dedicated premium solutions tailored for the following business objectives:

<u>WiFi Optimization</u>

Visualize and monitor WiFi with our innovative algorithm to improve customer experience.

<u>Smart Workflows</u>

Automate your customer care operations with sets of one-click diagnostics and repairs.

Network Quality Management

Improve your NOC fault management with network Topology Map and NetFlow protocol.

<u>Business Router Management</u>

Deliver high SLA for your enterprise clients with a GUI for Cisco, Mikrotik and Juniper routers.

User Services Platform

Enter the IoT and smart home market with Broadband Forum's newest USP (TR-369) standard.

Fixed Wireless Access

Track wireless signal performance to achieve the highest LTE/5G service quality.

DOCSIS Provisioning

Ensure uniform management of all devices in your HFC infrastructure.

FEATURES

- Efficient customer problem solving thanks to **easily readable dashboards and automated diagnostic tools** designed for customer care, network operations centers, and field engineers.

- Device auto-discovery, automated zero-touch provisioning, and bulk firmware upgrades for **all access technologies** (FTTx, Fixed-Wireless/LTE, HFC/DOCSIS, xDSL) **using any protocol** (TR-069, SNMP, CLI SSH/Telnet, OMA-DM, USP).

- Superior quality of experience ensured with **access technology-specific monitoring that provides business-driven metrics, alerts and reports** for both single devices and groups.

- Full technical support, including device integration and platform customization services, **on-site training, 24/7 SLA-guaranteed premium support**, and any CRM/NMS/OSS/BSS integrations.

- **Highest security standards, regularly passed security audits**, TLS on all system entry-points, data redundancy and tested upgrades.

GAIN COMPETITIVE ADVANTAGE

Rely on our supreme experience

With 100+ deployments for leading telcos worldwide we promise you are in expert hands. **We deliver a platform customized to your operational needs and provide comprehensive training and support for your staff**, so that you can focus on your business.

Drive your value-generating strategies

Use the resources freed with smart device management to develop better business strategies. UMP equips you with clear business-driven metrics like SLA fulfillment or customer in-house WiFi experience that **translate device data into insights you can use to upsell your services**.

Significantly reduce your operational costs

Our platform is proven to reduce the number and duration of support calls by 30% and 50% respectively. This comes on top of other **savings you get from automatizing processes and faster technical staff onboarding**, guaranteeing exceptional return on investment.

Innovate with the leader in device management

Thanks to our expertise, we know what telcos and ISPs need. This is why **we deliver premium solutions designed for specific business cases**. Whether you're looking into 5G or USP, we're on top of the market, ready to help with your next endeavor.

GET AHEAD WITH CLOUD DEPLOYMENT

AVSystem also offers a cloud-based TR-069 auto configuration server delivered in the SaaS model, that is both extremely easy to set up and secure for your business. Join 50+ telecoms who chose **Cloud ACS**.

COMPLEMENTARY PRODUCTS

DHCP server

Advanced IP address assignment integrated with UMP

Broadband Service Assurance Platform

 AI-driven access network issue prevention

Coiote IoT Data Management

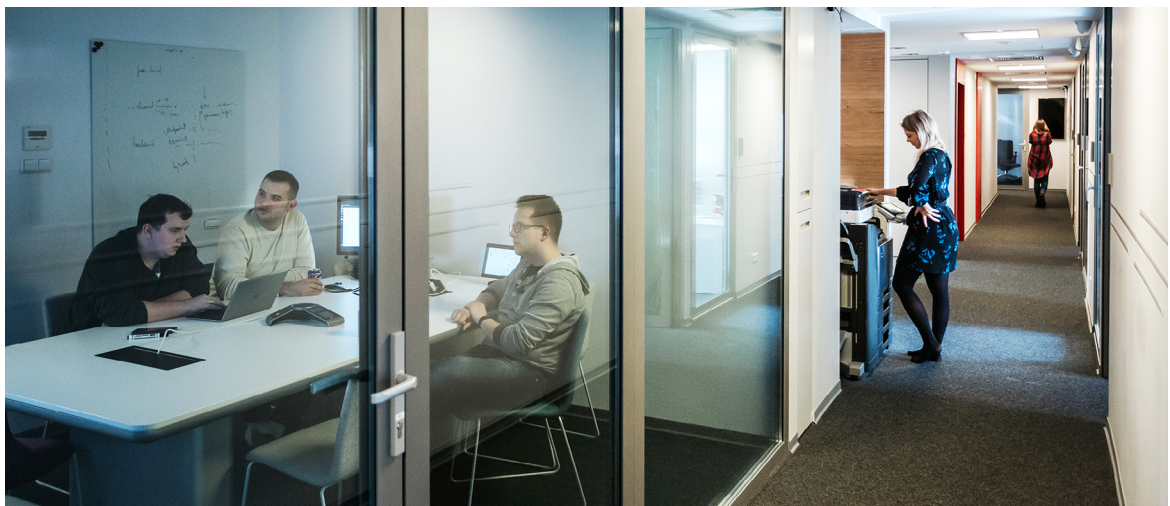Large-scale IoT deployments with LwM2M protocol

JOIN LEADING TELCOS WHO ALREADY TRUSTED US

ABOUT AVSYSTEM

No IoT deployment is successful without proper device management – this is what AVSystem stands for.

With more than 100 deployments all over the world, AVSystem is an expert in its field. We help companies around the world deliver better quality of service thanks to our top-class device management solutions. We also focus on WiFi VAS & indoor location as well as other systems for SDN and NFV. Apart from creating software, we actively participate in the standardization process of the LwM2M standard to enable secure device management and service orchestration in the IoT ecosystem. 100+ large companies worldwide prove the superiority of AVSystem's technology.