

RADview

Network Management
and Orchestration



RADview is a modular network management suite enabling planning, provisioning and monitoring of networks and services. It features a network element manager, end-to-end service manager for Carrier Ethernet services, performance monitoring portal for ongoing monitoring of Ethernet and IP services, D-NFV orchestrator for virtual machines and application services at the customer edge, and a network planner for resource optimization and capacity planning.

Featuring client/server architecture with multi-user support, RADview provides intuitive graphic representation of network clouds, links, nodes, end-to-end services, and network status indication. Fully ITU-T FCAPS compliant, it offers security management supporting user access profiles and allowing network partitioning.



Part of
RAD's Service Assured
Networking Solutions

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Your Network's Edge®

RADview

Network Management and Orchestration

Key Takeaways:

- Comprehensive management suite for next-gen networks based on RAD products and solutions
- Planning, provisioning, performance monitoring, and service management
- Manages all physical and virtual network resources
- Intuitive HTML5, graphical UX/UI – easy to learn and use
- Open architecture with multiple northbound APIs, interoperable with third-party OSS and network orchestrators
- Firewall configurator for remote clusters and devices

Use RADview for:



- vCPE
- Carrier Ethernet and IP VPNs

- Performance Monitoring for Business VPNs
- TDM Migration



- Mobile Backhaul
- Performance Monitoring for Mobile Networks

- Timing Synchronization for Mobile Networks



- Wholesale Networking



- Cyber Shield Overlay for Operational WAN
- Cyber Shield for Industrial IoT Backhaul



- Multiservice Operational WAN
- Ruggedized Substation LAN
- Industrial IoT and Smart Meter Backhaul
- Distance and Differential Protection Communications

- Fixed and Mobile Wireless Broadband for Offshore Communications
- Multiservice Operational WAN for Oil and Gas Utilities
- Water Utility Communications



- Highway Communications
- Multiservice Operational WAN for Trains and Metros
- Fixed and Mobile Wireless Broadband for Trains and Metros

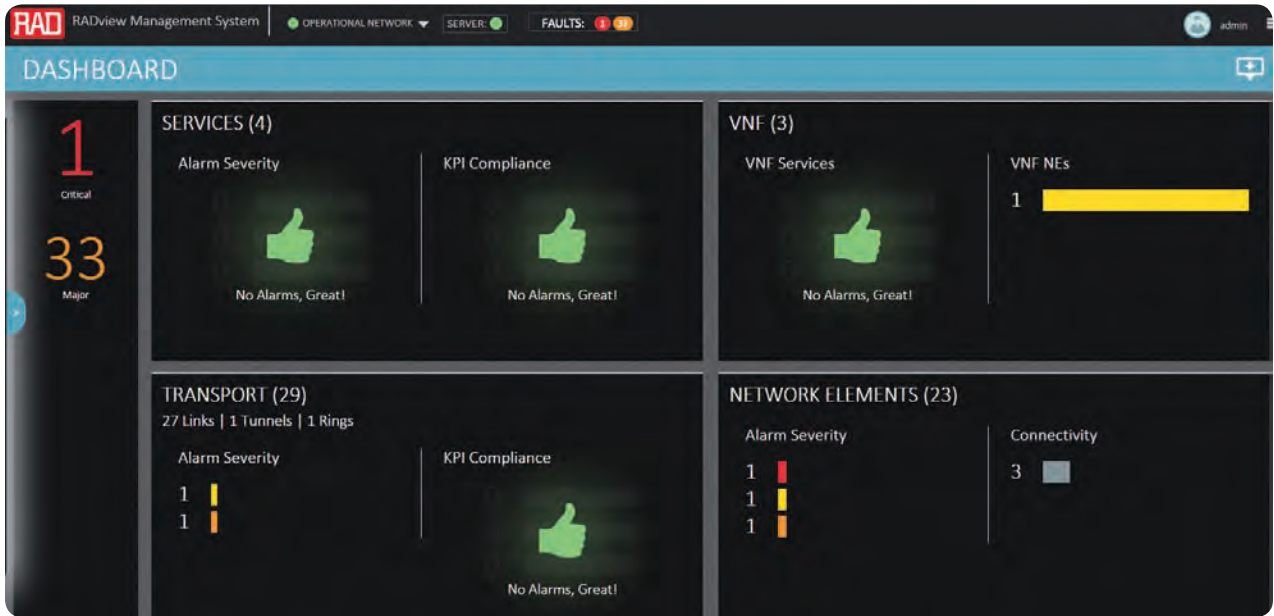
- Multiservice Operational WAN for Air-Traffic Control
- Ruggedized LAN for Airport Communications



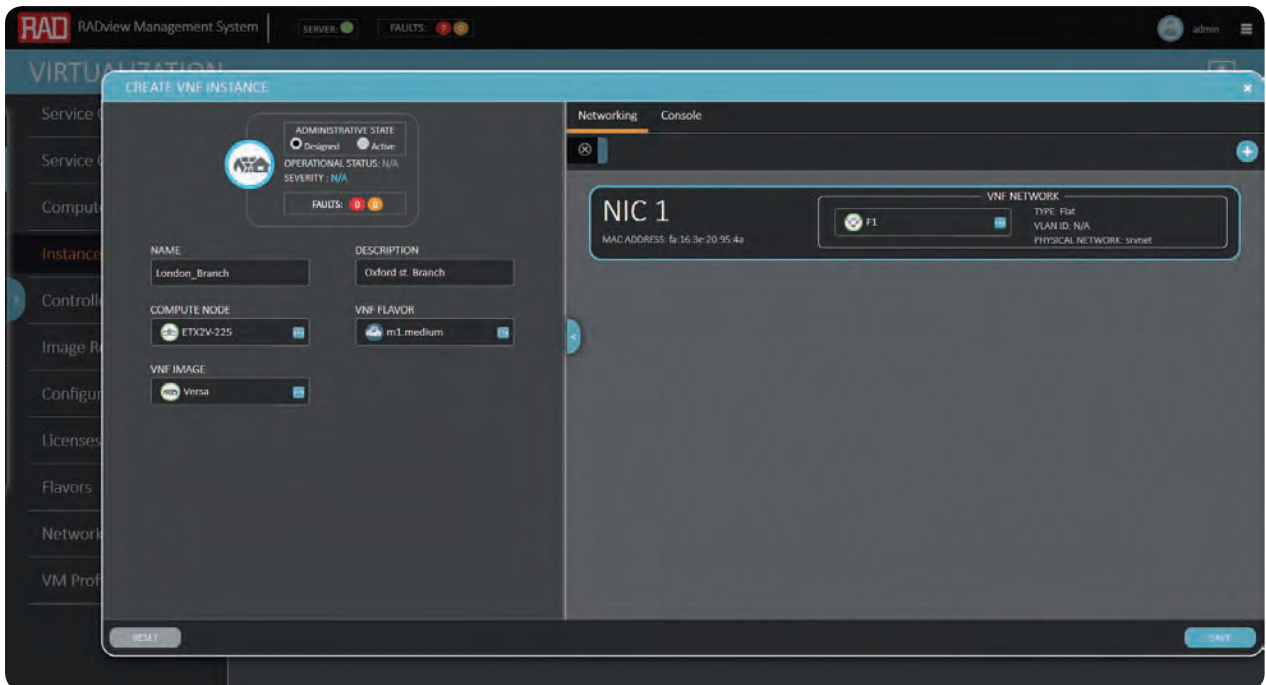
- Multiservice Operational WAN for Police and Military
- Fixed and Mobile Wireless Broadband for Police and Military

- Smart City Communications

Alarms dashboard for the entire network and services, as well as for physical and virtual resources



"Point & Click" VNF instance creation:



Quick Specs:

- Scalable Java-based solution supporting Windows and Linux
- Manages D-NFV application repository, with data on vendor, usage and system requirements for each VF
- Configuration and monitoring of D-NFV modules using OpenStack control node
- End-to-end management of MEF Carrier Ethernet 2.0 multi-CoS services
- Actual performance metrics based on ITU-T Y.1731, TWAMP-based L3 performance monitoring for IP services
- Y.1564 service activation tests
- Monthly SLA threshold policy management and performance dashboard with aggregated and drill-down views
- Topology architecture, including rings, sub-rings and LAG
- IBM Tivoli's Netcool®/OMNIBus™ plug-in

