


# Network Performance Assurance



**ACCEDIAN**  
NETWORKS



Accedian Networks is the  
**Network Performance Assurance  
Solution Specialist** for mobile  
backhaul & small cells, business  
services, financial networks,  
data centers and service  
provider SDN.

## MISSION

Offer our customers innovative solutions that allow them to differentiate themselves by accelerating the expansion of their networks, and by offering Performance Assured services.

## OVERVIEW

Accedian Networks is the Performance Assurance Solution Specialist for mobile backhaul & small cells, business services and service provider SDN.

Open, multi-vendor interoperable and programmable solutions go beyond standard-based performance assurance to deliver Network State+™, the most complete view of network health.

Accedian's automated service activation testing is complemented by continuous, real-time performance monitoring with unrivalled precision and granularity. Integrated traffic conditioning establishes per-flow H-QoS for performance-critical services.

SkyLIGHT™ interfaces these capabilities with 3rd-party apps and platforms, a foundation for Dynamic Performance Optimization (DPO) and performance-optimized SDN.

Since 2005 Accedian has delivered 200,000+ globally-installed platforms, including 100,000+ performance-assured cell sites.

## SOLUTIONS

Accedian Networks' integrated solutions allow service providers to tailor a combination of performance assurance and traffic conditioning for core-to-edge QoS visibility and optimization. As services become more dynamic and evolve towards SDN architectures, controllers and virtual network functions (VNFs) become "performance-aware" by interfacing with Accedian's Network State+, a real-time stream of KPIs that reveals the current state of the network for every flow and every segment.



# APPLICATIONS

## SERVICE ACTIVATION & VERIFICATION

Virtualized, distributed, multi-flow Service Activation Test (SAT) automation for rapid service deployment

## REAL-TIME PERFORMANCE MONITORING

Continuous QoS assurance with open integration & multi-vendor interoperability for core-to-edge visibility

## DYNAMIC PERFORMANCE OPTIMIZATION

Performance-Aware™ QoS enforcement & Traffic Conditioning driving peak network efficiency.



# PERFORMANCE ASSURANCE COMPONENTS

## RIGHTS-SIZED CORE-TO-EDGE COVERAGE

### NETWORK PERFORMANCE PLATFORMS

Automate, orchestrate and visualize performance assurance in real-time. Open Network State+™ to your applications.

### NETWORK PERFORMANCE ACTUATORS

Actuate industry standards-based+ L2-3-4 monitoring to agents, Modules, Elements & multi-vendor network elements.

### NETWORK PERFORMANCE ELEMENTS

Turn up, monitor and enforce multi-service H-QoS with unrivaled accuracy, granularity, and scale.

### NETWORK PERFORMANCE MODULES

Hardware-precise, programmable test, monitoring and OAM: ideal for small-cells, APs, and cable modems.

### PERFORMANCE ASSURANCE SW AGENTS

Embed standards-based reflectors into small cells, modems & service-edge devices, virtual machines, handsets & 3rd party elements.



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## NETWORKS

Accedian's network performance assurance solutions cover all QoS-critical network applications. Their rich feature sets span the full service lifecycle from activation to ongoing monitoring and optimization.

High-capacity Performance Actuators and Elements, pluggable Modules and agents interoperate with network elements supporting standards-based performance monitoring protocols. Using this combination of cutting-edge hardware and virtualized instrumentation, the network is segmented and assured from core-to-edge.

Interoperable, programmable and scalable, Accedian network Performance Platforms orchestrate testing and monitoring to accelerate deployment, deliver granular performance monitoring, and openly interface the most comprehensive database of real-time KPIs, the Network State+™, to SDN, NMS and performance reporting platforms.



Small Cells



Cloud Services



Financial Services



Mobile Backhaul



Business Services

## SERVICES



Accedian solutions are built on 10 years of hands-on expertise gained by working closely with our customers, and our professional services tap this experience to provide in-depth support, training, certification and operational assistance. From MEF-Certified training to solutions design and front-line support and services, Accedian has performance assured networking covered, and can enhance the value of your skills and network with our professional services portfolio.

### PROFESSIONAL SERVICES



- Network Audit
- Performance Monitoring & Fault Isolation
- Network Deployment
- MEF 2.0 Network Readiness
- System Turn Up & Testing

### ETHER PRO SUPPORT



Accedian's Support program is comprised of a full range of technical support, product maintenance, software upgrades, extended hardware warranties and access to our customer portal.

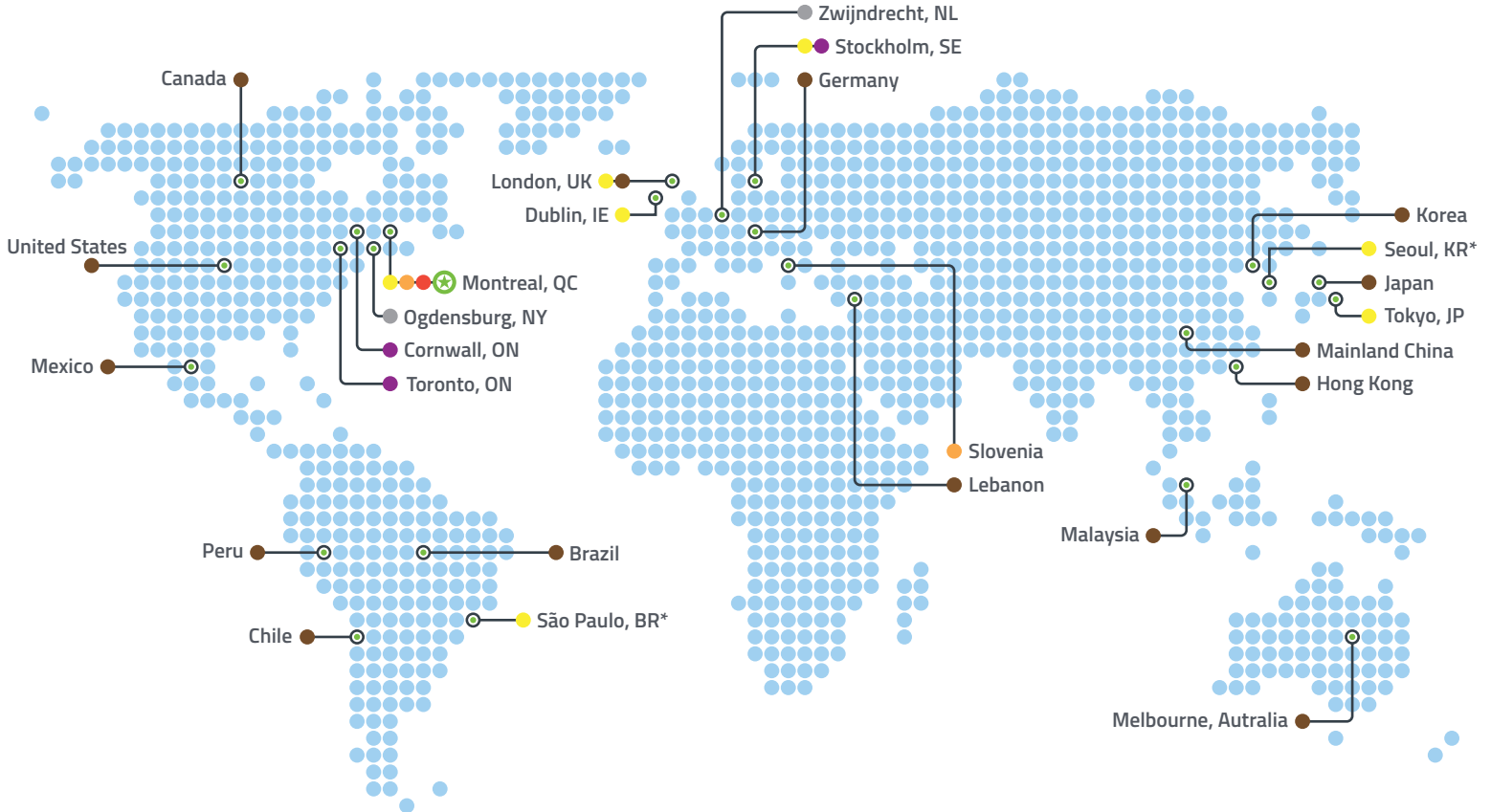
- Standard Warranty; Bronze; Silver; Gold; Platinum program details/info
- TAC team
- Support Case Prioritization

### TRAINING / CERTIFICATION

Designed to accelerate operational efficiency and take full advantage of Accedian's network performance solutions, our in-depth solution training and MEF-Certification courses are available worldwide.

- ACE Modules 1-4
- MEF 2.0 Certification
- Intro to Ethernet/IP

# WORLDWIDE LOCATIONS



- ⊕ Corporate Headquarters
- R&D Center
- Manufacturing

- Distribution Center
- Sales Engineering Resources
- Technical Support Centers

- Sales & Training Office
- \*Under Development

Core-to-Edge  
Performance  
Monitoring

Dynamic  
Performance  
Optimization

Automated  
Service  
Activation  
Testing



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