



Next-Gen NAC with 128T Session Smart Routing Technology Infuses Enhanced Security into Network Edges & Endpoints

HIGHLIGHTS

The cybersecurity stack by Genians and the Session Smart Router from 128 Technology combine to deliver the intelligence required to centrally enforce WAN and endpoint security policies across branch locations to control any non-compliant or compromised devices. For service providers and enterprises, the combined solution delivers secure network services and endpoint compliance efficiently and effectively.

Network Surveillance

Genians Layer 2-based sensing technology illuminates your entire network (Wired, Wireless, Virtual).

Without disturbing existing network infrastructure and configuration, you can detect all IP-enabled devices (including legacy, industrial devices like SCADA, ICS and IoT devices) with their technology, business, and risk related contextual information.

Network Access Control

Unified policies by leveraging this intelligence can precisely locate any non-compliant devices. Then, Genians can instantly block, limit, or remediate them using various access control methods: ARP-based, 802.1x, Switch Port, and SSID.

Network Security Automation

The stack supports open RESTful API to integrate with other security solution seamlessly.

Genians' Next-Gen Network Access Control (NAC) combined with the 128 Technology Session Smart™ Router delivers a secure, software-defined network fabric and an enhanced cybersecurity stack to provide end-to-end visibility and access control across routers, while maintaining fast and reliable network services.

Service-centric Networking with Zero Trust Security Baked-in

The 128 Technology software-based networking solution is optimized for Enterprises, Service Providers, and Cloud Service Providers to deliver:

- **Simplicity:** Tunnel-free solution removes reliance on yesterday's hardware centric networking
- **Agility:** Quicker deployment model with application resiliency and improved performance
- **Security:** Zero Trust Security, deny-all model with:
 - Authentication, Adaptive Encryption, and Hypersegmentation
 - Network Surveillance powered by Device Platform Intelligence + Endpoint Compliance Check, plus Multi-layered Policy Enforcement
- **Performance:** High performance solution with reduced overhead, improved scalability, and dynamic optimization
- **Savings:** Lower bandwidth and connectivity costs improve both CapEx and OpEx.

Deriving Intelligence from the Edge

Genians' Device Platform Intelligence (DPI) can leverage the full spectrum of 128 Technology's visibility into the endpoint level. This intelligence encompasses the following information:

- The most accurate device platform identity
- Contextual access information (Who, What, Where, When, How)
- Business context related to device (e.g. EOL, EOS, Manufacturer Info)
- Common Vulnerabilities and Exposures (CVE) for each detected device
- Anomalies from inside the network
- Analysis of security posture of applications, users, and data

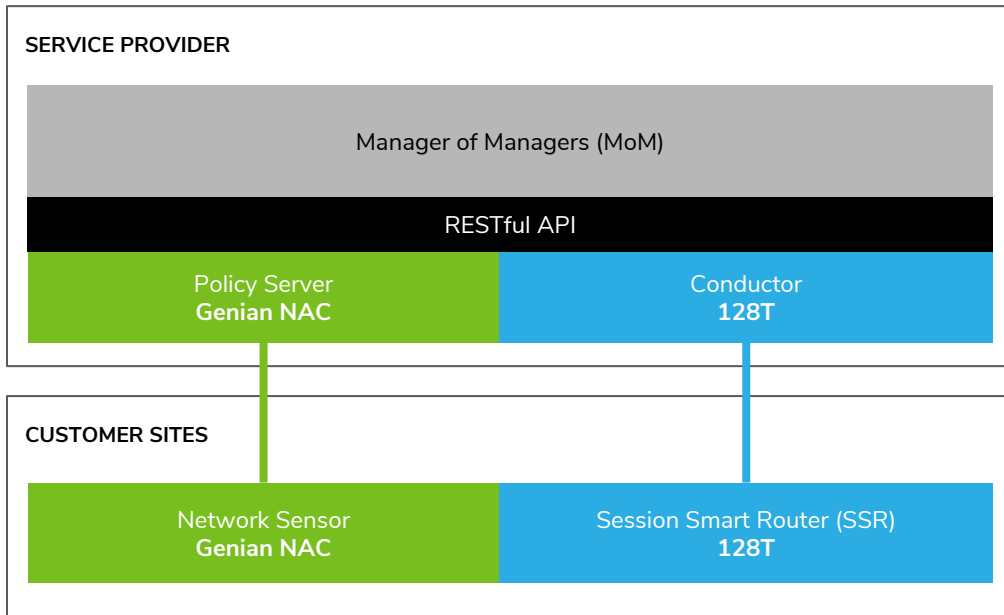
Actionable Intelligence

With shared DPI and Genians' Node Grouping feature, the 128T Session Smart Router can enrich the profiling of all devices associated with users, data, applications, and services for granular policy management and access control.

Service and Compliance-Centric Automation and Analytics

Between Genians and the 128T Networking Platform, RESTful and Netconf APIs provide a full suite of integration capabilities with applications, orchestration, and automation tools. Fine-grained contextual analytics provide application and compliance insights that are exported to third-party big data and analytics solutions.

The Technology Stack from Genians and 128 Technology



One-stop Services

Supports managing sites, users, licenses, subscriptions, and billing

Multi-tenancy

Use of Docker containers, making it easy to deploy the solution in any public or private cloud on a VM

A Single Box

Universal Customer Premises equipment (uCPE) can be used to combine Network Sensor with SSR

More Secure End-to-End Session over a Wide Area Network

Genians and 128 Technology can provide the most essential features for secure and reliable routing services from Layers 2 to 7. We can deliver the comprehensive solution as a service to your business as we can provide various deployment options.

Genian NAC

- Network Surveillance
- Network Access Control
- Mobile, BYOD, Guest Management
- IP Address Management
- Switch Port Management
- WLAN Security
- Desktop Configuration Management
- Network Security Automation

128 Technology Session Smart Router

- Zero Trust Security
- Application Aware Routing
- Failsafe Service Delivery
- Tunnel-free Performance
- Service Centric Segmentation
- Centralized Policy Management and Orchestration
- Zero-touch Deployments
- Application Visibility and Control

Genians keeps working to build a better security culture in the connected world by teaming up with community and industry leaders around the world.



About 128 Technology

128 Technology makes your network do what your business needs, by changing the way networks work. Our professional grade software teaches routers the language of applications and services, letting them understand the requirements of individual services and segments, and adapt the network dynamically to deliver what the business needs, when and where it needs it. We make routers Session Smart™, enabling enterprise customers and service providers to create a service-centric fabric that's more simple, agile, and secure, delivering better performance at a lower cost.

www.128technology.com



About Genians

Genians (KOSDAQ: 263860) provides the industry's leading Network Access Control solution, which helps maintain full visibility and control of all your network assets and ensures that they are operating at the highest levels of security and compliance. Genians secures millions of endpoint connections in organizations of all sizes and industries, including global Fortune 500 companies, the government, military, energy, finance, healthcare, education, and more.

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