

Increase Cybersecurity Resiliency and Enable Digital Trust in the 5G/IoT era

We have just been through the most challenging year of our lives. Many are now trying to understand how best to rebound. But even the “new normal” means dramatic changes to our business and personal lives. Work From Home (WFH) initiatives, for example, impact the way we communicate with each other and make the critical importance of cybersecurity more and more obvious. Indeed, as we try to keep our businesses resilient while facing the ongoing challenges of a world still recovering from COVID, we will need to transform the way we secure our network and working environments.

Securing Nodes Rather Than The Perimeter

A network “**NODE**” can be defined as a connecting point to any other point within your network. Nodes can be devices, users, network interfaces, ports, applications, anything. that communicates with another network IP address. It can reside anywhere from within your pocket to within your office. In other words, no longer is there a distinction between internal and external network environments. The Zero Trust model is introduced to secure this transformation. Most important, identifying, classifying, and controlling Node(s) or Node group(s) will be the key to success in any zero-trust security model.

All Network Traffic & Nodes Under Your Control with Genian ZT-NAC

Zero Trust can be complicated and not easy to implement, but not so with Genians, as Genian ZT-NAC can guide you with a foundational approach to securing your Nodes. Genian ZT-NAC has been consolidating the complexity of all essential features into a single platform.

Genian ZT-NAC Foundation, Genian NAC

- Device Platform Intelligence For IT, IoT, IIoT
- Non-disruptive Network Sensing Technology for Network Edges
- Dynamic Classification
- Multi-layered Access Control
- Endpoint Compliance
- IT Security Automation

Extended NAC To Cloud Environment

- Extends NAC Capabilities To Cloud
- Supports Public and Private Cloud
- Support Multi/hybrid Cloud Environments
- AWS Marketplace

Enhanced VPN Connection

- Combines NAC/VPN Agent
- VPN Connects to Gateway
- Sensor Plugin Available
- Integration with Windows Firewall

Network Virtualization

- Supports Virtual Extensible LAN (VXLAN)
- Extends ARP Enforcement
- Adds IP Mobility Option
- Same Policy To Any Segments
- Adds SGT Option

Network Detection And Response (NDR)

- Analyzes Feed from NTA
- Applies Zero Trust Network Access Policy
- Flow vs Policy Comparison

Network Traffic Analysis (NTA)

- Real-Time IP Flow Analysis
- Covers North/South and East/West Traffic
- Detects Anomalies

Endpoint Detection And Response (EDR)

- Monitors Endpoint Behaviors
- Detects and Interrogates Threats
- Visualizes Threats
- Automates Threat Responses

Least Access Privileges

- Reduce Potential Attack Surface
- Provide Just-in-Time and Just-Enough Access
- Reduce the Risk of Unauthorized and Rogue Access
- Provide Various Authentication methods (IP/MAC, 802.1x, Agent-based, etc.)
- Integrate with Intranet System and User Database
- Works in VPN, xDSL, and 5G Environments

Fast Deployment & Scalability

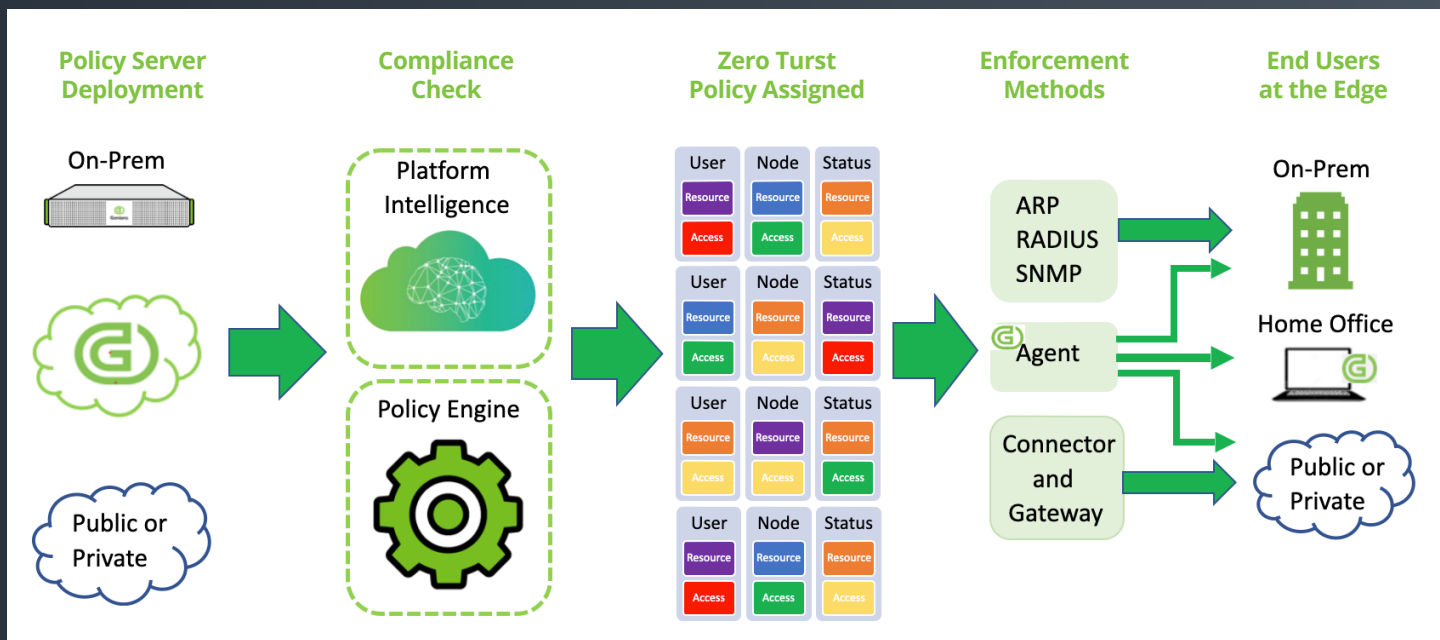
- Out of box Features, Plug'n'Play
- No Disruption for Existing IT and Network Operations.
- Phased implementation and Virtualized Deployment Options
- Choice of Appliances (Works even with Raspberry Pi)
- Centralized Monitoring and Management

Get Early Access to ZT-NAC

You can get started with a Genian NAC trial any time or contact us at hello@genians.com to discuss more.

Essential Elements For Genian ZT-NAC

Genian ZT-NAC uses a highly scalable and flexible architecture that allows for rapid deployment and a minimum of both platform configuration and downstream management complexity. No disruption in network operations. Low impact to the end-user



Genians Cloud

- Review and refine device platform information via the cloud
- Deliver the most accurate, up-to-date device platform intelligence to Policy Server on a weekly basis.
- NAC software distribution (updated bi-monthly)
- Docs

Gateway

- Available in Public Cloud, Private Cloud, or On-Prem
- May also be deployed as a Remote/Teleworker Gateway
- Provides Authentication Services and Access Control
- Controls traffic to Internet, Cloud, and On-Prem Destinations
- Applies Dynamic QoS Policies in real-time

AWS Connector

- Provides Granular Control in AWS Cloud Environments
- Ensures all EC2 Instances are Compliant with Security Policy
- Detects any EC2 Instances Deployed in Specified AWS VPC(s)
- Allows for real-time Command Application to EC2 Instances
- Commands Dynamically Restrict or Quarantine EC2 Instances

Policy Server

- Available in Genians Cloud, Public Cloud, Private Cloud or On-Prem
- Provides single pane of glass for all ZTNA policies
- Correlates data from Sensors, Agents, and Network Devices
- Manage components, users, devices, dashboards, and reporting
- Integration options for Security Automation with Cybersecurity Ecosystem

Network Sensor

- Deploys on physical Intel products as VMs, Docker containers, or Agents
- Use for Public/Private Cloud, On-Prem, Branch or even Home network
- Provides Genian Device Platform Intelligence (GDPI) for any IP-enabled device
- Collects Network Traffic for Analysis
- Performs Policy Enforcement Functions
- Performs Funneling Functions to support VXLAN and IP Mobility

Integrated NAC/VPN Agent

- Provides full NAC Endpoint Security
- Over 50 available plugins to monitor and control endpoints
- Built-in client VPN functionality
- Sensor plugin available for quick visibility at small locations
- Access Control capability utilizing dynamic firewall rules on endpoint



Get Started For Free

www.genians.com