



NOVA™ — Effective Operational Control of Networks

For the Chief Information Officer:

- Corporate IT Policies Assessment
- Sarbanes-Oxley Assessment
- ITIL Assessment
- HIPAA Assessment

For the Chief Security Officer

- Industry Best Practices Assessment
- Vendor Security Advisory Vulnerability Assessment

For Network Operations:

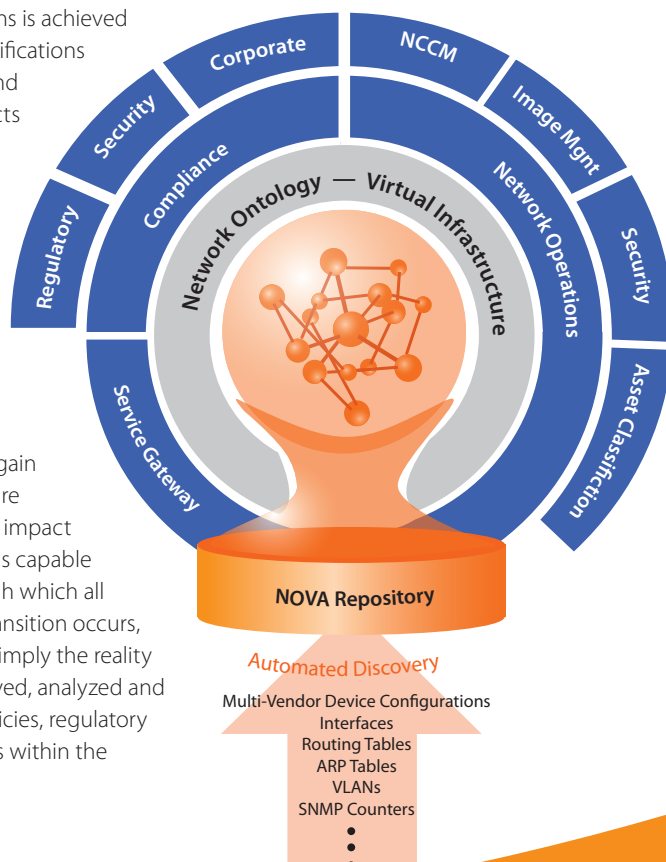
- Automated Command & Control
- Release Management
- Change Control
- Image Standardization and Audit
- Automated Version Control
- Disaster Recovery
- Vulnerability Assessment
- Anomaly Detection
- Vulnerability Mitigation
- Infrastructure Audit
- Automated Inventory
- Asset Re-allocation Advisor

NOVA, is a line of high availability, plug-n-play appliances that deliver effective operational control of networks. A NOVA can be installed, configured and fully operational in minutes to begin managing change in real time for any network environment. The fully automated NOVA generates a complete network ontology from a secure repository. An intuitive, web-based command and control interface, called ConfigCommander™ simplifies administration and is used to extract relevant, near real-time information from the network ontology, enabling accurate corporate audits, compliance and vulnerability assessments. The network ontology is simultaneously leveraged to deliver a comprehensive set of network operations features such as network configuration and change management, network security, network asset management and continuous compliance audits.

MANAGING CHANGE IN REAL TIME

The array of benefits offered by nSolutions is achieved by closed loop control and without modifications to current network operations policies and procedures. The automated NOVA detects changes in the network in real time and any unforeseen or inadvertent policy violations or vulnerabilities are highlighted and presented to the network operations team for mitigation. NOVA can lock down the network, thereby preventing unauthorized changes.

As the value of the network ontology is established and policy decision makers gain confidence in the system's ability to secure the network against changes that would impact network services, the network ontology is capable of becoming the central platform through which all network changes are made. Once this transition occurs, actual network configurations become simply the reality of what has already been virtually deployed, analyzed and verified against a library of corporate policies, regulatory requirements and industry best practices within the network ontology.



Feature Summary

NOVA Configuration Repository

- Multi-vendor auto-discovery
- Automated or on-demand
- Correlates interdependencies
- Maintains Configuration Integrity

Configuration Management

- Change management
- Patch & upgrade management
- Image management
- Configuration retrieval & generation
- Configuration policies
- Version control
- Real-time vulnerability assessment

High Availability

- External backup capabilities
- Network upgradeable
- Hot standby (E-100)

System Administration

- Web-based GUI
- User management
- System logging
- Standard CMDB formats
- Integration with AAA servers
- Integration with trouble ticketing and enterprise workflow processes

Reporting

- Real-time syntax analysis
- Configuration integrity metrics
- Vulnerability assessment reports
- Policy compliance reports
- Data exporting
- Sarbanes Oxley

nSolutions, Inc.
2570 North First Street, Suite 200, San Jose, CA 95131

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Specifications

	Model M-100	Model E-100
No. of network devices supported	Up to 50 devices	1000+ devices
Dimensions	1 rack unit ; 17"x14"x1.625"	2 rack units; 22"x17"x3.5"
Power Requirements	260W	460W
Operating environment	40°F to 105°F;< 90% RH	40°F to 105°F;< 90% RH
High Availability	—	Yes; redundant active standby
Operating System	MS Windows Server or Linux	MS Windows Server or Linux
Protocols supported	TCP/IP, SNMP, TFTP, Telnet	TCP/IP, SNMP, TFTP, SSH, Telnet, VPN
Deployment topology	Hierarchical	Hierarchical or peer to peer
AAA	TACACS+	TACACS+, RADIUS, LDAP
Devices supported	>1500 product families from 20 vendors	>1500 product families from 20 vendors
Security	Identity and access control	Identity, access control, SSH and RCP
Integration with Trouble Ticketing	BMC Remedy	BMC Remedy
Integration with NMS/Platforms	—	CiscoWorks, HPOpenView, CA Unicenter
Data Export	CSV, XML, PDF	CSV, XML, Web Services, PDF
Discovery	Network discovery	Advanced network discovery
Configuration Repository	Local	Global
Release Management	Yes	Yes
Patch and Upgrade	Yes	Yes
Policy Manager	Execute Policy	Set and Execute Policy
Report Manager	Yes	Yes
NOVA Subscription Service	Supported via E-100 only	Yes, directly supported with nSolutions' NOVA subscription service
Regulatory Compliance	ISO, ITIL, SOX	ISO, ITIL, SOX, HIPAA, FFIEC