

## IBM – nSolutions Joint Solution for IBM Tivoli Application Dependency Discovery Manager (TADDM)

### The Solution

nSolutions, Inc., an IBM technology partner and leading provider of automated configuration and infrastructure virtualization solutions now integrates seamlessly with the IBM Tivoli® Application Dependency Discovery Manager (TADDM) enabling unprecedented visibility and control over configuration changes in complex network environments with auto discovery and next generation infrastructure virtualization to deliver real-time compliance audits, identify configuration errors and lower the cost of change management.

### Value Proposition

Enterprise networks have become so complex that even the most comprehensive ad hoc and script based solutions can no longer meet the demands of regulatory bodies and the expectations of senior management for effective vulnerability and compliance management. Moreover, the lack of effective real-time control over configuration changes in today's complex network environments has put many business processes at risk of costly downtime. nSolutions' Network Ontology Virtualization Appliance NOVA™ delivers a plug-and-play solution, seamlessly integrated with IBM TADDM, that overcomes these challenges and provides both network operations professionals and senior IT, Security and Compliance officers the information needed to maintain effective operational control over enterprise scale network infrastructure.

IBM TADDM provides complete visibility into application complexity by automatically creating and maintaining application infrastructure maps. Leveraging NOVA, the solution extends visibility to the network infrastructure to enable enterprise-wide:

- Security and regulatory compliance audit
- Automated image and version control
- Change control and auditing
- Inventory management
- Creation of Network CMDB

### Target Audience

**Prospects:** Fortune 1000 IBM TADDM customers  
**Industry:** Banking, Financial, Retail, Healthcare, Travel and Transportation, Telecommunications and Media, Consumer Electronics, Manufacturing.

### Customer Requirements

- A need to baseline, maintain and track all network resource configurations and changes. Current manual methods are error prone and there is a need to simplify and automate change management.
- A need to continuously audit compliance of network configurations with policy, report violations and integrate with a trouble ticketing system. There is no automated solution today.
- A need to proactively manage changes in configurations in increasingly complex network environments. Current process is largely reactive.

### Enterprise Benefits

The combined solution offers customers unprecedented visibility and operational control, and delivers immediate and measurable value to IT operations, network security and regulatory management functions throughout the enterprise.

#### Key Benefits:

#### Change Control

Release Management  
Configuration Control  
Image & Patch Version Control and Rollback

#### Governance

IP Services Policies and Audit  
Manufacturer Security Advisories Audit  
Regulatory Audits: SOX, HIPAA, ITIL, NSA, PCI

#### Asset Management

Automated Inventory  
Asset Re-allocation Advisory  
License Management

#### Security

Vulnerability Assessment  
Anomaly Detection  
Vulnerability Mitigation

### Prospecting Questions

- Are you looking for better visibility and control over your network infrastructure configurations to support your IT service management initiatives and reduce downtime caused by inadvertent configuration errors?
- Are you interested in delivering an automated, continuous network security and regulatory compliance audit for SOX, PCI, HIPAA or other policies across your network infrastructure?

- Would you like an automated way to discover, track, store, analyze and manage all network configuration and IP service changes in the entire network infrastructure?

### Key Products

The solution consists of a combination of the following IBM and ISV products:

- The IBM Tivoli Application Dependency Discovery Manager (TADDM)
- The nSolutions Network Ontology Virtualization Appliance (NOVA)

### Platforms

nSolutions NOVA delivers real-time, automated discovery of the network configuration and IP services infrastructure information across an entire enterprise. NOVA discovers and manages the configuration information from routers, switches, firewalls, load balancers and other interdependent network components. This includes the complete product portfolios from Cisco, Juniper, Nortel, Extreme, Foundry, CheckPoint, F5 and many more.

The NOVA appliance is a 19" rack mountable appliance in either a 1u or 2u form factor depending on the number of network devices to be managed the NOVA implementation.

The NOVA offers a browser-based administration console for system configuration and extended reporting and repository management features.

NOVA also provides a Service Gateway for bi-directional exchange of data with third parties through a XML interface.

NOVA seamlessly supports IBM TADDM on all available platforms.

### Additional Information

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## IBM-nSolutions NOVA™ Solution for IBM Tivoli Application Dependency Discovery Manager (TADDM)

The integration between nSolutions and IBM Tivoli® Application Dependency Discovery Manager (TADDM) enables unprecedented visibility and control over configuration changes in complex network environments using automated discovery and next generation infrastructure virtualization technology. NOVA delivers the ability to identify configuration errors before they impact business critical applications. Now, with real-time and continuous security and regulatory compliance, NOVA will immediately lower the operational cost of change in enterprise scale networks. In partnership with IBM, nSolutions has delivered a seamless integration with IBM TADDM. Once installed, NOVA information is made available through the familiar TADDM management console. As NOVA performs its automated configuration discovery and processes security and regulatory policies against its virtualized network infrastructure, IBM TADDM is notified of changes or policy violations. Network operators can also leverage NOVA's automated version control and rollback features to mitigate vulnerabilities or out-of-policy configurations detected.

