

## IWAN TO SD-WAN MIGRATION MENTORED INSTALL

### Service Overview:

At Netnology, we specialize in Cisco's iWAN and Cisco SDWAN (Viptela) enablement and implementation services to expedite the adoption of Cisco SDWAN solution. As part of this mentored install service offer, our subject matter experts (SME) partner with your team to ensure a smooth deployment and migration to the SDWAN solution and provide knowledge transfer to equip your staff with the necessary skills to configure and manage the SDWAN environment.

### Cisco SD-WAN Solution:

Cisco SDWAN is a cloud-delivered overlay WAN architecture that enables digital and cloud transformation for Enterprises. It significantly reduces WAN costs, improves the time to deploy services, builds application resiliency and provides a robust security architecture for hybrid networks. Secure your organization with Cisco SDWAN segmentation and achieve regulatory compliance with end-to-end segmentation that keeps user, device and application traffic separate.

- Decouples control plane from the data plane, building an overlay transport that is vendor agnostic
- Improves operational effectiveness by enabling a consistent user experience anywhere from the single pane of glass vManage dashboard
- Provides flexibility to create per-VPN topologies any way the organization needs with the flexibility to pick different encryption mechanisms (Cisco Supported) for each topology type
- Guarantees high availability, automates application flexibility over multiple connections, such as the Internet, MPLS, and wireless 4G LTE
- Provides advanced analytics, monitoring, and automation for any connection across your network, whether MPLS or beyond the cloud edge

### Service Benefits:

Netnology has a team of world class engineers who specialize in Cisco iWAN and Cisco SDWAN solutions and are passionate about customer success. Netnology will partner with you to provide:

- Step-by-step guidance from an SME on Cisco iWAN to SDWAN migration
- Configuration and documentation of SDWAN solution
- Knowledge transfer to ensure customer is ready to configure and manage the environment

### Scope of Services:

As part of the 10-day (80 Hours) Mentored Install engagement, Netnology will help with the following:

- Customer iWAN Deployment Review

- Propose iWAN to SDWAN Migration Design
- SDWAN Controller Installation (vManage, vBond, vSmart)
- Deploy WAN Edges (up to 5 - Remote Sites/DC)
- Define and Implement Templates (up to 10)
  - Push Templates
  - Template Validation
  - Device Validation
- Define and Implement Centralized Policies (up to 5)
- Topology Implementation
  - Hub and Spoke
  - Full Mesh
- PNP Configuration/Zero-touch Provisioning
- Policy Implementation
  - Application Aware Routing (AAR) Policy
  - Direct Internet Access (DIA) Policy
- Security Policies
  - Intrusion Prevention System
  - Advanced Malware Protection + ThreatGrid Integration
  - URL Filtering
  - Integration with Cisco Umbrella
- Knowledge Transfer & Customer Hand-off
  - Demonstrate iWAN to SDWAN Migration
  - Explain how to Manage the Deployed Solution

### Add-on (1):

- Topology Implementation
  - Regionalized
- QoS Policy
- Security Policies
  - Application Aware Enterprise Firewall (Limited number of Rules)
  - Cloud On-Ramp for SaaS/laaS
- Formal Acceptance Testing
  - Testing Plan Preparation and Execution
  - Testing Result Document Preparation and Submission

### Target Audience

This service is designed for Network Architects, Network Engineers and Administrators configuring, deploying, and managing the Cisco iWAN and SDWAN solution.

### Prerequisites

Customer needs to ensure that ALL servers and network devices are rack & stacked, cabled and powered-up and WAN transport and connectivity is established prior to the kick-off. Customer also needs to acquire the necessary software licenses for the deployment of Cisco SDWAN solution.

## Service Deliverables

No	Deliverable	Service Details	10-Days (80 Hrs.)	Add-on <sup>(1)</sup>
1.	Project Kickoff	<ul style="list-style-type: none"> <li>Project Overview</li> <li>Customer iWAN Deployment Review</li> </ul>	✓	✗
2.	Migration Strategy	<ul style="list-style-type: none"> <li>Propose iWAN to SDWAN Migration Design/Document</li> </ul>	✓	✗
3.	Secure Automated WAN	<ul style="list-style-type: none"> <li>Controller Installation (vManage, vBond, vSmart)</li> <li>Deploy WAN Edges (up-to 5 Remote Sites/DC)</li> <li>Define and Implement Templates (up-to 10) <ul style="list-style-type: none"> <li>Push Templates</li> <li>Template Validation/Device Validation</li> </ul> </li> <li>Define/Implement Centralized Policies (up-to 5)</li> <li>Topology Implementation <ul style="list-style-type: none"> <li>Hub and Spoke</li> <li>Full mesh</li> </ul> </li> <li>PNP Configuration/Zero-touch Provisioning</li> </ul>	✓	✗
4.	Policy Implementation	<ul style="list-style-type: none"> <li>Application Aware Routing (AAR) Policy</li> <li>Direct Internet Access (DIA) Policy</li> </ul>	✓	✗
5.	Security Policies	<ul style="list-style-type: none"> <li>Intrusion Prevention System</li> <li>Advanced Malware Protection + ThreatGrid Integration</li> <li>URL Filtering</li> <li>Integration with Cisco Umbrella</li> </ul>	✓	✗
6.	Knowledge Transfer	<ul style="list-style-type: none"> <li>Demonstrate iWAN to SDWAN Migration</li> <li>Explain how to Manage the Deployed Solution</li> <li>Customer Hand-off</li> </ul>	✓	✗
7.	Secure Automated WAN	<ul style="list-style-type: none"> <li>Topology Implementation <ul style="list-style-type: none"> <li>Regionalized</li> </ul> </li> </ul>	✗	✓
8.	Policy Implementation	<ul style="list-style-type: none"> <li>QoS Policy</li> </ul>	✗	✓
9.	Security Policies	<ul style="list-style-type: none"> <li>Application Aware Enterprise Firewall (Limited number of rules)</li> <li>Cloud On-Ramp for SaaS/IaaS</li> </ul>	✗	✓
10.	Formal Acceptance Testing	<ul style="list-style-type: none"> <li>Testing Plan Preparation and Execution</li> <li>Testing Result Document Preparation and Submission</li> </ul>	✗	✓

(1) Note: Add-on service is not included in the Cisco iWAN to SDWAN Migration Mentored Install scope. Additional 1-week (40 Hours) charges will apply for add-on services.