Technology Infrastructure Services

Get your DNA investments off to a quick start

and gain the full value of your investment

David Zimmerman
Software Lifecycle Management Director, NTT Ltd.

Justin Stevens
Technical Services Manager, NTT Ltd.

As an IT leader, you're committed to delivering the service levels your organization requires and maximizing the value you receive from your IT investments.

Meeting business service levels for network availability and performance has become increasing challenging due to the increased network volume, the number of network changes required and the continued pressure to increase network performance while reducing cost. Software-defined networking (SDN) offers the advantages that will help you increase agility of the network providing centralized control to adapt to changing business requirements. Intent-based networking (IBN) adds artificial intelligence (AI) and machine learning (ML) capabilities to SDN to reduce operational cost, improve operational efficiency and enhance overall network performance.

Cisco, a leader in software-defined networking, offers their Digital Network Architecture (DNA) Center which provides the ability to treat the network as an integrated whole through policies defined for access, routing and quality of service. Cisco's DNA Center can automatically configure your network infrastructure to achieve your organization's desired network outcomes.

Cisco's DNA Center capabilities and benefits

Capabilities	Benefits
Real-time network performance displayed in a single pane of glass	• holistic view of application performance from a user's point of view • detailed real-time visibility into network performance
Identifies the optimal performance configuration for a local network, creates granular performance and decision trees for alerts, troubleshooting and remediation	• automated detection and prioritization of issues • accelerated root cause identification enabling faster incident remediation • improved network availability and performance • increased efficiency of network fault and performance management
Automates policy development and deployment	• accelerated policy activation • reduced risk of human error • improved timescales for network change
Continuous verification that network performance is at the required level and that all endpoints are configured properly	• enhanced quality of service • compliance assurance from the edge to the cloud

> ## 'NTT's leadership and innovation drives value for our customers and helps them respond to complex business challenges.'
> Oliver Tuszik, Senior Vice President, Global Partner Organization, Cisco

As a Cisco client, you may already have the Cisco DNAC platform but haven't activated it fully. You're wondering how to move to your desired network state and achieve the benefits of SDN and IBN without disrupting ongoing operations. Automation will require changing procedures and modifying the operational environment. NTT can help you gain the full benefit of your investment in DNA technologies by unlocking the potential of DNAC to support the transformation of your IT operations. Our DNAC Quick Start Program, helps clients understand the capabilities of Cisco's SDI technology, while our Software-defined Infrastructure Services helps them to enable, manage and optimize their SDI environment.

The NTT DNAC Quick Start Program

Our Program focuses our technical services capability on helping to accelerate your journey to software-defined.

Our Quick Start Program includes:

- a remote workshop to understand your environment and design the correct implementation of the DNAC platform
- install or upgrade the DNAC platform
- activation of one Wireless LAN controller
- importations of up to 100 access points and up to five active sensors to monitor traffic quality
- importation of up to ten switches and routers
- collection and analysis of data for a two-week period
- knowledge transfer to inhouse personnel to extend DNAC activation to other controllers, routers, switches, access points and sensors

Use cases for DNAC Quick Start

Quick Start can be used as a **pilot program** prior to implementation across more of your network environment or you can continue to leverage NTT to fully implement Cisco's DNAC capabilities across multiple campus locations.

Wireless Assurance provides a base activation for a limited scope of sites and devices that provides you with the capability to extend the DNAC wireless assurance functionality to other areas of the network, giving your team a working knowledge of how to use the DNAC wireless assurance features to improve operational efficiency.

Today's rapidly changing business environment requires a more dynamic approach to building, deploying and operating your network. When it's time to accelerate your journey to software-defined our experience and resources are here to help you make a quick start.

> Find out how a **DNAC Quick Start Program** could unlock the full potential of your investment:
>
> **Learn more**

Once our Technical Services have DNAC up and running, our SDI Lifecycle Services can provide the consistent operational support to enable, manage and optimize your environment.

NTT

Together we do great things