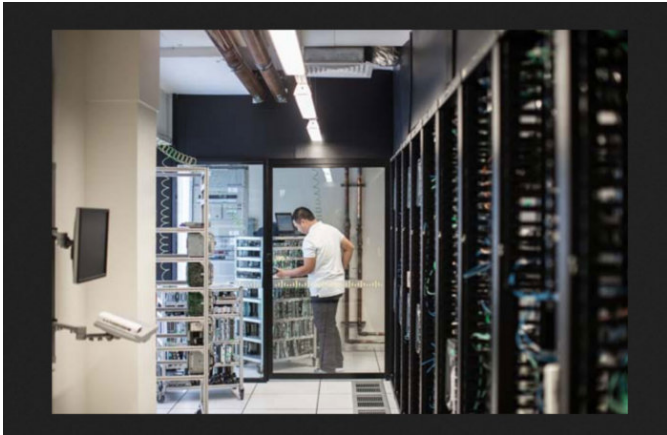# Cisco Boosts DNA Suite

Written by Marco Attard
24 February 2017

Cisco adds to the hardware, software and services making its Digital Network Architecture (DNA) approach, all designed to extend virtualisation and bolster security across campuses, branch offices and the cloud.

"DNA offers IT leaders a blueprint for building digital ready networks," the company says. "In just under 18 months we have seen over 1,900 organizations deploy our SDN controller, APIC-EM, in their networks and start laying a foundation capable of enabling their digital transformation."

On the hardware side Cisco offers the Enterprise Network Compute System (ENCS) 5400 series-- a 1RU Intel Xeon server with an 8-port GE switch and support for LTE, T1 and DSL connectivity, as well as Dual-Phy gigabit ethernet WAN and 64GB of memory. It is designed to help customers extend routing, security, WAN optimisation and other network services to branch environments, and promises deployment to be quick while covering security, QoS and management capabilities.

In security Cisco expands TrustSec security across all network components, and offers security segmentation to isolate attacks and restrict threats in the network. TrustSec 6.1 extends from the campus to the branch office and cloud in to prevent pervasive threats, while the enhanced Identity Services Engine (ISE) 2.2 offers deeper visibility into applications on endpoints.

It also offers more granular control, with the ability to define DEFCON policy sets allowing customers to escalate responses to prolific threats. According to Cisco the combination of ISE and TrustSec turns the network into a sensor and enforcer, with ISE providing vibility while TrustSec provides software-defined segmentation to isolate attacks and restrict the movement

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of threats in the network.

When it comes to services Cisco announces an online DNA Advisor and network assessment tool to help customers define digital networks, as well as DNA Advisory Services with in-depth consulting. According to a Cisco-commissioned IDC survey organisations need to evolve their networks, and over the next 2years 45% of organisations plan to achieve digital-ready network capabilities. In addition, companies that invested in modern network capabilities experience 2-3x the growth in revenue, customer retention and profit, and have deployed twice as many digital transformation initiative compared to companies with legacy networks.

Go [Cisco Accelerates Digital Network Transformation with New Virtualization and Security Technologies](#)

Go [Over 1400 Customers Have Set the Foundation for Their Digital Transformation](#)