

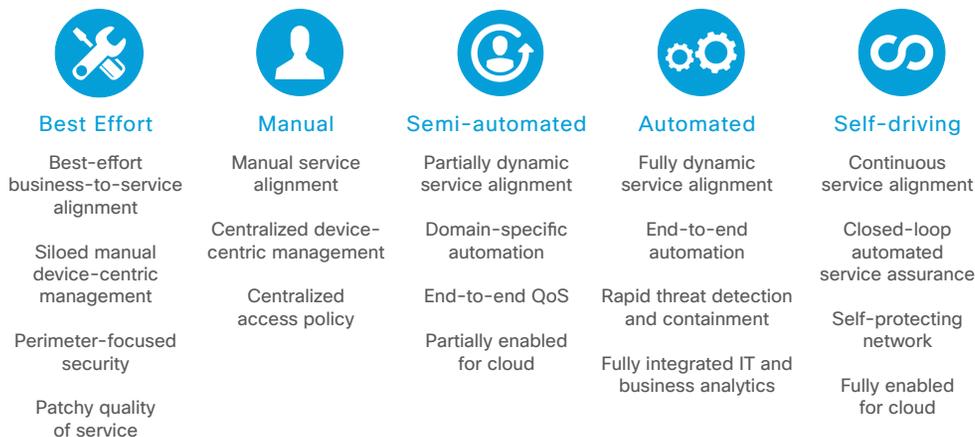


Is Your Network Ready for Digital Transformation?

Digital Network Readiness Model

Navigating your journey to a digital-ready network can be challenging without a guide. That's why Cisco has worked with IDC to develop a network capabilities roadmap that charts the different attributes networks will exhibit at each stage of the journey. This framework will help you understand where you are, plan where you want to be, and assess the benefits of moving from stage to stage.

A Five-stage Network Maturity Model

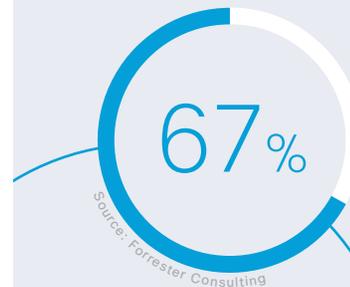


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Organizations intend to make their networks digital ready in the next 2 years



67% of business leaders believe legacy network infrastructure is a bottleneck in Enterprise IT



Only 1/5 of global organizations have a strong degree of alignment between their network and business strategies today.

Source: IDC



Improved results at each stage of the readiness journey

Improved Agility and Faster Innovation

Increasingly in step with the business and an integral part of the business strategy.

Reduced Cost and Complexity

Simplifies network operations and uses resources efficiently, freeing funds and resources to enable business innovation.

Lowered Security Risk

Provides a platform for proactively protecting the business, its data, and users.

Why a Network Readiness Model?

In recent years, data center infrastructure has taken the lead in adopting faster, virtualized, and software-defined approaches to supporting digital transformation. In many cases, the enterprise network has been left behind, making it a vulnerability and constraint to the organization's digital initiatives. Ironically, given the growing proliferation of mobile, cloud, and IoT and the associated threat landscape, it's a digital-ready network that will likely prove the most critical element for an organization's successful digital transformation.

While the majority of organizations are still in the early stages of their digital network journey, as many as 45% are planning to progress to fully "automated" or "self-driving" stages within two years. Achieving this goal will require the coming together of many new technologies and process changes that need to be planned and deployed over time.

The Readiness Model has been created to help customers gain a clearer picture of where they are on this journey and visibility into the opportunities and benefits of evolving to the next stage. The model is intended as a framework and guide that each organization can use and customize to suit its own needs and priorities.



The readiness model is built around the evolution of five key categories across these five stages from "best effort" to "self-driving."



Network Architecture Strategy

From hardware and device-centric to open, extensible, software-delivered, and cloud-enabled



Automation

From fragmented, manual, device-centric management to policy-driven, self-optimizing capabilities network wide



Network Security

From perimeter-focused security to near real-time threat detection and containment from edge through core



Network-enabled Service Assurance

From fragmented, device-centric quality of service (QoS) to closed-loop continuous service assurance



Network-enabled Analytics and Insight

From device-specific event capture to real-time, predictive OT, business and security data analysis



To assess your network's digital readiness, go to www.cisco.com/go/dnaadvisor