

Cisco Software-Defined Access Design Service

Secure, policy-based automation

Cisco® Software-Defined Access (SD-Access), built on the principles of the Cisco Digital Network Architecture (Cisco DNA), is a revolutionary new way to build and manage networks: faster, easier, and with improved business outcomes and investment protection. It enables you to manage business outcomes instead of managing the network.

By decoupling network functions from hardware, SD-Access can easily help ensure policy compliance, launch secure services fast, and improve issue resolution times. These capabilities reduce the time it takes to deploy, secure, and adapt network services and user access. In addition, network administrators now have the ability to easily customize the network.

Prepare for secure software-enabled, policy-based automation and innovation from the network edge to the cloud.

- Reduce time and risk with expert help and a reliable solution design
- Eliminate the need for expensive rework while avoiding implementation delays
- Enable identity-based security and control with increased threat visibility and integrated security
- Simplify and automate with consistent policy management across your wired and wireless networks

Solution benefits

- Simple, automated workflows: Design, provision, and manage your wired and wireless networks
- Intelligent network fabric: Enable a consistent user experience anywhere with insights and analytics into user and application behavior
- End-to-end segmentation: Secure users, devices, and applications with identity-based policy, regardless of location

Plan for policy-based network automation

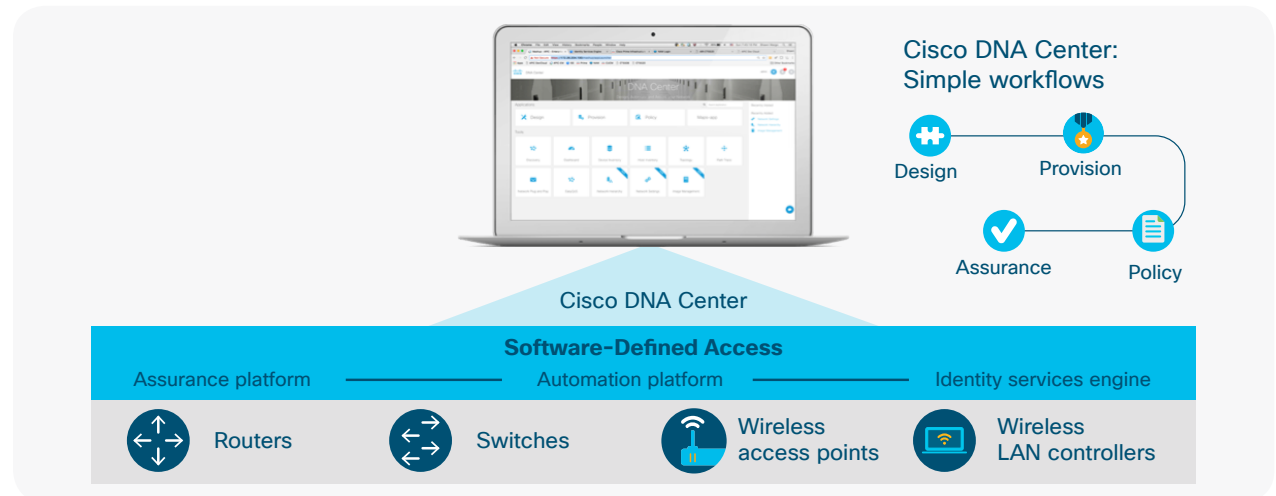
Cisco experts with years of experience in designing and deploying network solutions assess your requirements and work with you and certified partners to help you get the most value out of your new SD-Access-enabled network. Cisco SD-Access Design Service identifies and validates SD-Access architecture requirements, with security at the core, and delivers a reliable, high-performance network design.

Using state-of-the-art tools, best practices, and proven methodologies to build in quality, this service can be tailored to meet the needs of your organization.

The Cisco Advantage

Let us accelerate your journey to a digital-ready network with Cisco SD-Access Services, providing expert guidance to help you achieve a streamlined operational model across wired and wireless environments at a lower cost. With proven experience, best practices, and innovative tools, Cisco Services works with you to easily manage, scale, and secure your SD-Access solution. With our comprehensive lifecycle of services – including advisory, implementation, optimization, and technical services – you can move to a secure and automated unified network with ease and confidence.

Figure 1. Cisco SD-Access solution



Four basic components make up the SD-Access solution:

- Network devices: Most Cisco Catalyst® switches, wireless access points, wireless LAN controllers, and routers
- Security: Cisco Identity Services Engine (ISE)
- Automation platform: Cisco DNA Center Automation (design, provision, and automate)
- Assurance platform: Cisco DNA Center Assurance

Cisco SD Access Design delivers:

- **Solution requirements development:** An interactive workshop to understand your requirements, evaluate your business goals, and prioritize use cases to help ensure smooth implementation of the SD Access solution.

- **Network assessment:** Through a series of working sessions, we evaluate your existing network. This includes an assessment of the ability of your wireless, security, automation, assurance, and operations to seamlessly support the SD-Access solution. We recommend improvements to your network architecture and design to meet your resiliency, availability, network management, and flexibility requirements.
- **Solution design:** We provide an implementation-ready design and use case-specific network configurations for your SD-Access infrastructure, security, policy, Cisco DNA Center, and network automation and assurance.

For more information about this and other Cisco Services, contact your local account representative, or visit www.cisco.com/go/services.