

# 25G Pluggable Transceivers for Wireless Agility and Innovation with Cisco DNA Assurance

## Here are some ways to help ensure that your network will give you the agility you need.

### Say hello to easy deployment and management

Simplify operations and roll out new virtual network services in minutes on any platform. Get faster time to service and innovation with reduced operational overhead by automating the provisioning and configuration of your network. Make your bandwidth work for you by deploying software-defined WAN—without compromising the application experience. And benefit from ongoing innovation, updates, and upgrades with flexible software licensing.

Automate access to your network with one policy for both wired and wireless across the entire network, providing business agility and scale. It's not just mobile devices that are coming onto the network. As IoT devices become more prevalent, they also become more vulnerable to attack. Cisco offers automatic end-to-end segmentation of your IoT devices from your business-critical data.

[Cisco ONE™ flexible software licensing](#), [Cisco® Software-Defined Access \(SD-Access\)](#), and [Cisco Intelligent WAN](#).

## Top ways to get more from your network

Assurance is the guarantee that your network and its devices are doing what they are supposed to do. It's the peace of mind you get when you don't have to worry about network outages. At the same time, your network needs to be agile to allow your business to innovate and keep pace with changing requirements. Not to mention staying secure. This means network commoditization is no longer enough.

## Say goodbye to operational complexity

Speed maintenance and responses by orchestrating and managing services with design templates. Free up your IT resources with network functions virtualization. Cascade policies across all access points through a simple, flexible interface. Also, automate the deployment and compliance checking of network policies across your entire network without needing any infrastructure replacement. With so many variables, your Wi-Fi network can be difficult to troubleshoot. Cisco DNA Assurance helps IT manage the health of the network and pinpoint troubled areas.

[Cisco Identity Services Engine](#), [Cisco DNA Assurance](#), and [network functions virtualization](#).

## Use insights to improve performance

Cisco DNA Assurance provides the understanding of who, what, when, where, and how network traffic is flowing. Use the insights to improve the performance of business-critical applications across the LAN, WLAN, and WAN, and to accelerate problem resolution. This enables you to reduce the network's vulnerability to outages and achieve better utilization for efficient operation and lower costs. In addition, the Cisco Aironet® Active Sensor is a compact wireless sensor that test-drives real-world client experiences by providing high-fidelity insight at ground level.

[Cisco IOS® NetFlow](#), [Cisco Aironet Active Sensor](#), [Wi-Fi Analytics for iOS](#), and [Connected Insights](#).

## Get security that doesn't compromise agility

Every connection—most coming through Wi-Fi—expands the attack surface and ultimately puts your organization at risk. Control all access from one place across wired, wireless, and VPN connections. Cascade and enforce policies easily across all access points with software-defined segmentation. This allows you to provide and control access and security policy consistently and efficiently, removing the stress of complex access management. All without compromising agility.

[Cisco TrustSec®](#), [Cisco Stealthwatch®](#), [Cisco SD-Access](#), and [Cisco Identity Services Engine](#).

## Make your move to the cloud

Deploy and manage your network quickly and easily, without training or proprietary command-line interfaces. Get centralized management, visibility, and control without the cost and complexity of controller appliances or overlay management software. Cisco Meraki® cloud networking provides centralized cloud management, device and application visibility, real-time web-based diagnostics, monitoring, reporting, and security.

[Cisco Meraki cloud networking](#)

## Connect with your customers

Create exciting new ways to engage with customers by harnessing insights from location analytics that provide accuracy up to one meter. Quickly and easily build context-aware mobile experiences by using drag-and-drop design tools. Send personalized notifications to visitors based on their real-time location. Easily integrate mobile experiences with your existing native apps using SDKs.

[Cisco DNA Spaces](#) and [Cisco Meraki cloud location solutions](#).

## Help ensure the best performance at your network edge

Give users exceptional wireless performance with a network that automatically optimizes for high-density environments. Get more speed, capacity, and reliability for business-critical applications. Get seamless continuity of service with automatic intelligent routing if a network device is interrupted. Benefit from Wi-Fi optimization and prioritization for business-critical apps on Apple devices.

[802.11ac](#), [Cisco Mobility Express](#), [Cisco Flexible Radio Assignment](#), [Cisco Meraki cloud wireless](#), [Cisco CleanAir®](#), [Apple and Cisco partnership](#).

## Learn more

It's all good. Until it goes bad. Get the network agility your business needs, so you can innovate and adapt to future requirements. Plus keep secure while maintaining the high quality of service your users and business need. Don't treat your network as a commodity. Harness its potential for innovation, and get a foundation that will be good enough now and in the future. One that is reliable, adaptable, and secure.

Start your journey to a Cisco Digital Network Architecture today.

## React and adapt quickly

Rapidly respond to new business opportunities through programmable, automated network control, virtualized networks, and flexible software licensing. Get centralized automation of policy-based application profiles to your WAN, campus, and access networks. Deploy virtualized network devices remotely and get flexible software licensing that will grow in value through ongoing innovation, updates, and upgrades. When issues arise, get a 360-degree contextual view of the network, devices, and apps in order to make the correct decision.

[Cisco ONE flexible software licensing](#), [network functions virtualization](#), [Intelligent Capture](#), and [Cisco Meraki cloud-managed networking](#).

## Make your network a platform for innovation

Generate new revenue with faster availability of new, customer-facing digital services. Get faster time to service and innovation with reduced operational overhead by automating the provisioning and configuration of your network. Use open-source Software Development Kits (SDKs) and APIs to build innovative, network-enabled applications that meet your specific business needs.

[Cisco DevNet](#).