



NEWS RELEASE

Cisco at MWC Barcelona: Showcasing Innovation Across Its Portfolio to Support Billions of Networked Connections

2019-02-24

Company Planning to Commit \$5B for 5G to Its Customers

BARCELONA, Spain, Feb. 24, 2019 /PRNewswire/ -- MOBILE WORLD CONGRESS BCN -- In Barcelona, Cisco is showcasing how it is helping its service provider and enterprise customers adopt and drive revenue from 5G-powered services.

The 5G movement is in steep ascent. Cisco has had over 100 active engagements with global customers on 5G. 40 service providers are actively trialing and deploying Cisco 5G Now solutions. The company continues to mark major milestones in helping its customers realize the benefits of a true cloud-scale mobile internet.

Service providers face significant financing pressures as they prepare for this 5G revolution. Cisco's recent Mobile VNI Forecast shows that by 2022, the average 5G connection (22 GB/month) will generate nearly three times more traffic on the networks than the average 4G connection (8 GB/month). Service providers must expand their networks to support this growth. At the same time, they must invest in new 5G services to stay competitive. Cisco is planning to commit \$5 Billion in 5G funding via [Cisco financing](#) over the next three years to help its customers succeed with their network transitions to 5G.

The company is unveiling a host of new products and solutions at its stand in **Hall 3 #E330**. Demonstrating innovations across its business, Cisco is ready to help its customers grow revenue, launch new services and better manage the 12 billion networked connections expected by 2022¹.

[New Products and Solutions at MWC Barcelona](#)

Intent-based Networking:

- **Cisco Unified Domain Center:** Enables Enterprise IT departments to seamlessly manage all policies, security, and services from the mobile network. It integrates with Cisco DNA Center, blurring the lines between the WAN, LAN, and mobile networks through a single pane of glass.

Routing:

- **Cisco NCS 5500 High-density 400G line cards:** Enables massive scale to meet the demands of 5G and delivers investment protection for the widely deployed NCS5500 router family.
- **Cisco NCS 560 router:** Optimizes high-density converged access and aggregation networks and meets the stringent demands of trusted 5G xHaul, Cable Converged Interconnect network (CIN) and Carrier Ethernet applications.
- **Cisco NCS 540 router: Addresses** Carrier Ethernet, Cell Site, 5G xHaul and Small Aggregation use cases.

Cloud Native Packet Core:

- **Cisco Ultra Cloud Core with CUPS (control user plane separation):** The industry's leading highly secure, full-featured packet core platform that unifies 3G/4G/5G/IoT/Wi-Fi connected services.

Automation:

- **Cisco Crosswork Cloud:** A cloud-based service that provides rich analysis of network data to deliver insights for network operators adds **Crosswork Trust Insights** which reports on the integrity of devices and delivers advanced forensics for assured inventory.
- **Cisco Crosswork SON (Self Organizing Network):** Uses machine learning to react faster to network issues, predicting potential issues from the radio to the end-user device based on gathered (and ingested) data.
- **Cisco Crosswork User-centric SON:** Using subscriber-level analytics to improve network optimization and user experience at faster speeds.
- **Crosswork Data Gateway:** Collects data and telemetry to these cloud services.
- **Crosswork Optimization Engine:** Real-time analysis and optimization of SDN transport to adapt changing network conditions for optimal performance
- **Cisco Network Services Orchestrator 5:** Features enhanced tools that accelerate revenue-generating services with automated, self-service, and on-demand provisioning. Supports the largest multi-vendor networks that exceed 100,000 devices.

Security:

- **Cisco Trusted Platforms:** Routers with Cisco IOS XR utilize a hardware root of trust, which provides a critical element to establish trusted network infrastructure.
- **Cisco Umbrella Mobile Protect:** Cisco Umbrella and Cisco Ultra-M combine to deliver network-enabled security at scale across all devices and all generations, using Cisco industry-leading threat intelligence.

Wi-Fi 6

- Cisco worked with Samsung to validate that the industry's first Wi-Fi 6 device, the new Galaxy S10, works seamlessly on Cisco Wi-Fi 6 networks.

5G, Wi-Fi 6 and IoT Demonstrations

- **Sustainable Wireless Connectivity:** Together with Google Station, Cisco is showcasing how it will work with internet service providers, governments and public venues on a mission to include one billion people in the growth opportunities of the digital economy.
- **5G, WiFi and Smart Communities:** Cisco is demonstrating how 5G and WiFi architectures play critical roles in helping service providers offer managed services to connected communities like the City of Barcelona, enabling them to improve economic sustainability, civic services and city infrastructure.
- **5G Beyond the City:** Featuring the 'UK 5G Rural First' project. As one of the key partners with the UK, Cisco will show how it is helping to "connect the unconnected" via 5G in rural locations.
- **Wi-Fi 6:** Cisco will demonstrate how it is making Wi-Fi 6 even better with new and improved capabilities built on the same foundation as 5G. The new wireless standard can deliver three to four times the throughput of previous standards, sub-millisecond latency, and the ability to support up to 70 devices per 100 square meters.
- **Connected Cars:** See how Cisco IoT and 5G architectures enable automakers to partner with service providers to deliver new monetizable services around predictive maintenance, improved R&D, data-driven sales and marketing.

Industry Open Standards

- Cisco will highlight its investment and commitment to open, cross-industry innovations including Open ROADM, FD.IO, TIP (XR on white box), and Open vRAN.

"At Mobile World Congress Barcelona this week, we will emphasize our networking innovation across wired, Wi-Fi, LTE and 5G standards," said **Jonathan Davidson, senior vice president and general manager, Service Provider Business, Cisco**. "Cisco is focused on providing our customers with networking insights and assurance, as well as consistent quality of experience and security policies from enterprise to service provider domains. As technologies continue to converge, only Cisco can offer the breadth of software and hardware expertise to solve IT pain points that come with delivering cloud-native mobile networks, managed services, automation, IoT, security and data analytics."

Don't Miss the Cisco and Rakuten CEO Keynote Event

Cisco Chairman and CEO Chuck Robbins and Rakuten Chairman, President and CEO Mickey Mikitani will showcase the two companies' innovation in a shared keynote at Mobile World Congress in Barcelona on Wednesday, February 27 at 9:30 a.m, Hall 4, Auditorium 1. Keynote will be livestreamed from #MWC19.

Supporting resources

- [Joint CEO keynote event: Cisco and Rakuten at Mobile World Congress Barcelona](#)
- [Cisco 5G Now portfolio](#)
- [Cisco Crosswork Network Automation Portfolio](#)
- [Scott Harrell Executive Blog: New Wireless Frontiers for the Enterprise: 5G, Wi-Fi 6 and CBRS](#)
- [Cisco Network Services Orchestrator](#)
- [Cisco Intent-based Networking](#)
- For more information about Cisco service provider news and activities, visit the [SP360 blog](#) or follow us on [Instagram](#), and Twitter via #CiscoMWC and [@CiscoSP360](#)
- Follow us on our [LinkedIn page](#) for targeted updates and announcements
- Subscribe to [Cisco's SP360 feed](#)

RSS Feed for Cisco: <http://newsroom.cisco.com/rss-feeds>

About Cisco

Cisco (NASDAQ: CSCO) is the worldwide technology leader that has been making the Internet work

since 1984. Our people, products, and partners help society securely connect and seize tomorrow's digital opportunity today. Discover more at newsroom.cisco.com and follow us on Twitter at @Cisco.

Cisco and the Cisco logo are trademarks or registered trademarks of Cisco and/or its affiliates in the U.S. and other countries. A listing of Cisco's trademarks can be found at www.cisco.com/go/trademarks. Third-party trademarks mentioned are the property of their respective owners. The use of the word partner does not imply a partnership relationship between Cisco and any other company.

¹ Cisco Mobile VNI Forecast 2017-2022

View original content to download multimedia:<http://www.prnewswire.com/news-releases/cisco-at-mwc-barcelona-showcasing-innovation-across-its-portfolio-to-support-billions-of-networked-connections-300800825.html>

SOURCE Cisco Systems, Inc.