The bridge to possible

Cisco Catalyst Cellular Gateways

Flexible, secure multigigabit wireless WAN

The evolution of wireless WAN

Not long ago, cellular wireless technology was primarily used for backup connectivity. Then, with the introduction of 4G and SD-WAN, enterprises were able to augment their primary WAN connection with wireless using an active/active configuration. Faster 4G speeds meant that wireless could be considered as primary connectivity, alongside internet and MPLS modes of transport. In addition, 4G could help bring up locations in remote places where MPLS or alternative connectivity was nonexistent.

Over the last 10 years, we've seen the evolution of 4G. First LTE, then LTE Advanced and LTE Advanced Pro. And now 5G. The higher throughput and lower latency of 5G means increased workforce productivity and a better user experience. Now you can support more users in more locations, using cellular to offer wireless connectivity with wider reach. The ability to support new applications and connect more devices makes it easier to migrate to a wireless WAN (WWAN) with guaranteed quality of experience. Cisco is working to make the transition to 5G easy by building technologies such as the Cisco® Catalyst® Cellular Gateways that allow for a seamless cellular upgrade.

Figure 1. The Cisco Catalyst Cellular Gateway



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Key benefits

5G-ready high speed: Cisco Catalyst Cellular Gateways deliver multigigabit 4G or 5G connectivity, allowing them to be used for primary or failover high-speed cellular WAN.

Flexible, scalable deployment: Don't be limited to a server room or closet for WWAN support. The Catalyst cellular gateways' compact size and compatibility with your existing infrastructure make them easy to deploy from any location where cellular reception is strongest.

Simplified, centralized management: These plug-and-play devices offer zero-touch provisioning and can be easily managed from a single user interface. The gateways come with preconfigured profiles and remote management capabilities, making them easy to provision for a distributed workforce.

Secure by design: Catalyst cellular gateways include trustworthy solutions in their design to create a secure WWAN solution. And remote failure indication using Dying Gasp allows you to quickly and easily recover from an outage.

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Why Cisco?

Only Cisco has the ability to meet the needs of customers of any size, across any vertical and any geography. We offer the broadest portfolio, maximum choice with our third-party technology ecosystem, and over 30 years of networking experience combined with leadership in SD-WAN and security.

Cisco Services

Accelerate your success with services from Cisco Customer Experience. Now you can adopt SD-WAN with ease and confidence, thanks to our trusted expert resources. View our services.

Next steps

For more information about the Cisco Catalyst Cellular Gateways, visit: https://www.cisco.com/site/us/en/products/networking/sdwan-routers/catalyst-gateways/index.html.

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Bridge to a 5G WAN

Cisco Catalyst Cellular Gateways connect your users and devices to trusted cloud and enterprise applications using 4G LTE Advanced Pro and 5G technologies. Combined with Cisco SD-WAN, they enable you to automate deployment, manage policies, and monitor network traffic with greater flexibility over a cellular WAN.

These gateways enable secure, scalable cellular deployments from any location, using your existing infrastructure for primary or failover connectivity. They deliver a bridge to a 4G or 5G wireless WAN with multigigabit access, Cisco SD-WAN management, and high availability.

Key features

- 2.44 -Gbps 5G Sub-6
- 1.2-Gbps LTE Advanced Pro
- Dual SIMs
- 4x4 Multiple Input, Multiple Output (MIMO)
- External antenna support
- Cisco SD-WAN
- Cloud management
- Failover recovery with Dying Gasp
- IP passthrough
- PoE powered (or externally powered)
- Integrated security with ACT2 for SUDI
- Console port for out-of-band management

Figure 2. Port Density in the Cisco Cellular Gateway



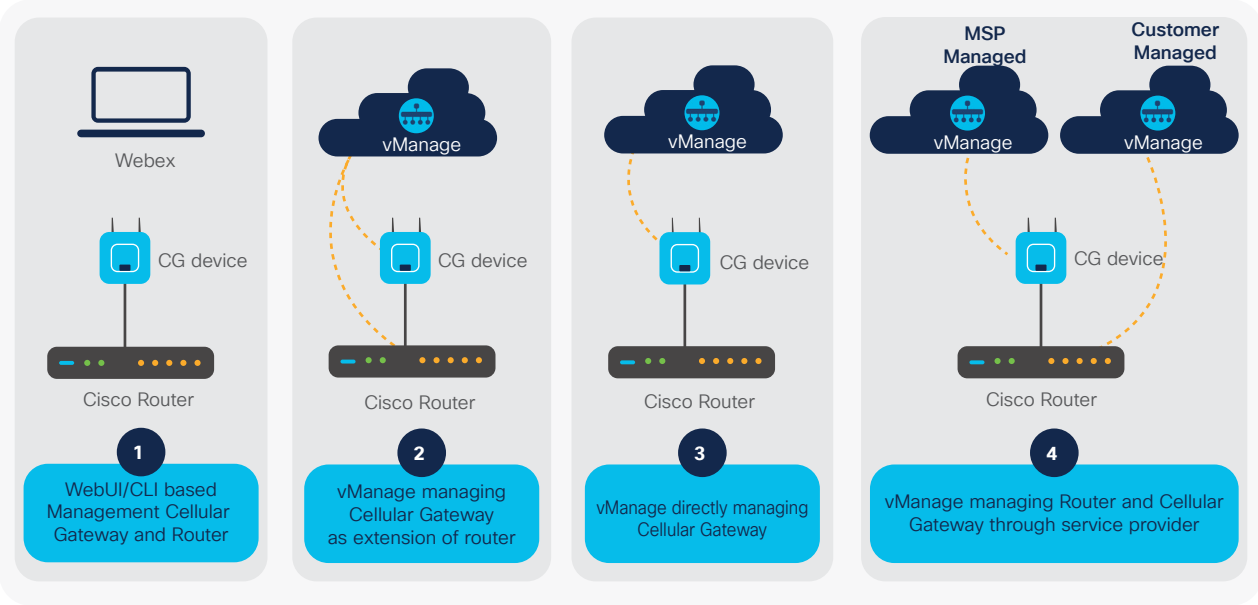
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Additional resources

- Cisco Catalyst Cellular Gateways
- 5G Enterprise Technology
- Cisco 4G LTE Solutions
- Cisco SD-WAN
- Meraki Wireless WAN
- Trustworthy Solutions

Management use cases*

Figure 3. Management options for the Cisco Catalyst Cellular Gateway



*vManage support available with Cisco SD-WAN software release 17.4.

How to buy

To view buying options and speak with a Cisco sales representative, visit https://www.cisco.com/c/en/us/buy.

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C45-744213-02 04/21