

Cisco DNA Spaces



How is Cisco DNA Spaces different from CMX?



CMX consisted of a family of products built around Cisco location technology and consisted of both on-prem and cloud offerings (CMX on-prem, Operational Insights, Cloud location compute, BLE Manager, etc.). July Systems built a proven, scalable, cloud location-based services platform that powered among other things CMX Engage product. Cisco DNA Spaces brings best of CMX and July Systems platforms into a single unified location cloud. Cisco DNA Spaces also includes CMX on-prem. Cisco DNA Spaces dramatically simplifies both licensing and the consumption model.



What do I get when I sign up for the free trial?



Cisco DNA Spaces uses your existing wireless infrastructure to collect, measure, standardize, and benchmark location data. After signing up, you will receive your own dashboard login and see the following types of insights:

- How many people or things are connecting to Wi-Fi at your properties
- Your visitor behavior, such as average duration and visit frequency
- Comparisons and benchmarks of your location data (historically or by group)



Who is eligible for the free trial?



Any existing Cisco or Cisco Meraki® wireless customer is eligible for the free trial of Cisco DNA Spaces.



When does the free trial end?



The free trial will end after 90 days.

Q **How is Cisco DNA Spaces ordered?**

A It can be ordered as a stand-alone subscription, as part of a Cisco DNA Advantage of Premier subscription, or via upgrade and migration offers.

Q **What are the prerequisites for deploying Cisco DNA Spaces?**

A Cisco DNA Spaces is a cloud-based solution, and there is no physical installation involved. However, you must first define the required hierarchy structure in your wireless network, such as Cisco Meraki or Aironet®. To establish a connection between Cisco DNA Spaces and your wireless network, Cisco DNA Spaces asks you to provide the login credentials to connect to that wireless network.

For some Aironet networks that are not cloud based, you may have to open the required ports to establish a connection between your wireless network and Cisco DNA Spaces. You can establish this connection through a public IP or VPN. In addition, you may have to whitelist certain Cisco DNA Spaces IP addresses.

In addition, for deployments that require on-premise x, y location or hyperlocation calculation, you will need to deploy a CMX location appliance.

Q **What are the deployment options?**

A Deployment options include cloud plus on-premises or completely cloud. On-premises is required for hyperlocation compute functionality.

Q **How can I connect to the cloud? Does Cisco DNA Spaces work with Meraki, Wireless LAN Controllers (WLCs), and CMX On-Prem?**

- A**
- Yes. There are five ways to connect to the cloud:
 - Cisco DNA Spaces connector
 - WLC direct connect-WLC version 8.8 MR2/Cisco Catalyst 9800/eWLC 16.10
 - On Prem tethering (CMX version 10.6)
 - Cisco DNA Center Connector (planned)
 - Meraki: Built in support. No connector needed

Q **Is On-Prem going away and everything moving to the cloud? If not, what features are being carried over from On-Prem?**

A Current On-Prem customers can continue to use an On-Prem deployment. In addition, Cisco DNA Spaces includes a cloud tethering option so that you will have an option to connect to the Cisco DNA Spaces cloud. You do not have to purchase On-Prem separately, as it comes bundled with Cisco DNA Spaces. The only customers that need to deploy On-Prem are those doing location compute.

Q **How long can I run CMX without being forced to go to Cisco DNA Spaces? What about On-Prem?**

A CMX capabilities and software is being integrated into Cisco DNA Spaces. For continuous innovation, we recommend migrating to Cisco DNA Spaces. The on-premises component of Cisco DNA Spaces is the CMX location engine. This component can calculate the location of devices for use with internal systems without connection to the cloud. Without the cloud, you will not have Business Insights or a captive portal. You will be able to have the location of Wi-Fi and other devices calculated for use by Cisco Prime® or Cisco DNA Center and, with the purchase of Cisco DNA Spaces Act, third-party applications using APIs.

Q **Is ordering the same for Cisco DNA Spaces regardless of whether I choose on-premises or cloud?**

A Yes, ordering is through the same SKU. On-prem can be installed on a VM or using a 3375 appliance (purchased separately).

Q **What is the current relationship between Cisco DNA Center and Cisco DNA Spaces?**

A Cisco DNA Center is mostly network intelligence and focuses mainly on IT. Cisco DNA Spaces provides insights and tools for business users (LOB) and focuses on behavior of people and things in physical spaces. The two solutions are not currently integrated. However, when Cisco DNA Spaces identifies a connectivity issue in Business Insights, Cisco DNA Center users can then link to Cisco DNA Center to analyze potential root causes.

Q What Cisco hardware does Cisco DNA Spaces support?

A Cisco DNA Spaces supports all Cisco wireless infrastructure, including Meraki, Aironet, and Cisco Catalyst®, and is forward and backward compatible. Depending on your infrastructure, we have a way to connect you to Cisco DNA Spaces Cloud. When you sign up, you will receive a setup guide to get you started.

Q Will Cisco DNA Spaces Act and See be orderable a la carte, meaning unbundled from Cisco DNA Wireless licensing?

A Yes.

Q If I want Operational Insights and I buy a Cisco DNA Spaces Act license (by the access point), how many devices (tags) am I allowed to track under that one AP license?

A Customers will receive unlimited tags.

Q Will Cisco DNA Spaces have the widget to show passersby vs. visitor behavior?

A We have a new feature called business insights which provides very robust metrics and benchmarking. Passerby (probing) data is often not accurate and is not used for Business Insights and reports. The widget will continue to be available in the on-prem component of the solution customers have today.

For questions not answered in this Q&A doc, please contact dnaspaces@cisco.com.