

Cyxtera Extensible Data Center

Data center networking and services not keeping pace? Modern successful enterprises must be able to deploy and scale their network and IT infrastructure faster if they wish to remain competitive.

Provisioning a colocation environment and network can take days or even weeks to complete. Adding to the frustration of many IT leaders, it has been increasingly challenging to accurately forecast bandwidth and overall IT capacity requirements more than a few months at a time. This has forced many organizations to initially over-provision to assure adequate bandwidth and compute resources are available as demand grows.

The Solution: Point–Click–Provision

Time to provision network connectivity and services has often been the Achilles' heel constraining colocation deployments of new workloads or applications. Cyxtera Extensible Data Center platform (CXD) transforms IT infrastructure design, configuration, and deployment with software-powered, on-demand provisioning and configuration of data center network connectivity and services.

What is the Cyxtera Extensible Data Center Platform?

The CXD platform is a software-powered data center architecture that brings on-demand provisioning to a broad range of colocation and connectivity services. The platform is accessible via API and web console for easy automated configuration and deployment.

CXD platform includes:

- **Unified Services Port:** enables access to many data center services over a single physical port
- **Network Exchange:** provides access to automated provisioning of select network service providers
- **Access to Cyxtera services:** CXD IP Connect, CXD Compute Nodes, Metro Connect, Virtual Cross Connects, and additional services in the future
- **High availability network fabric:** backed by 99.999% network availability SLA

BENEFITS

Full control over network and compute environment, with dedicated hardware

Reduced complexity by delivering multiple services over a single physical network connection

Faster time to market from on-demand network and data center services

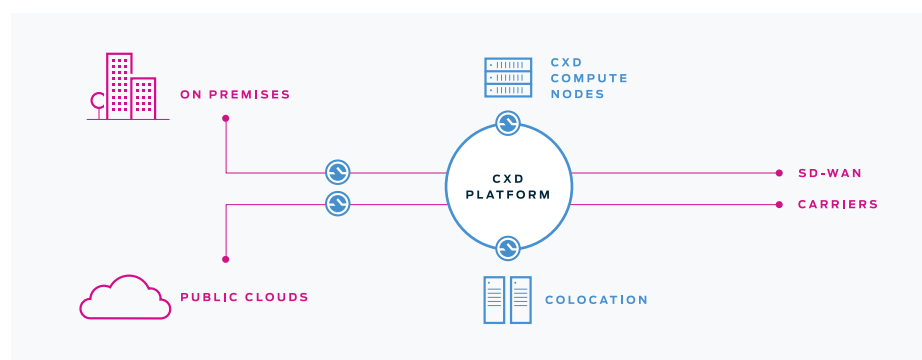
Respond quickly to changes in demand and new requirements

Reduce IT cost and trips to the data center with remote network provisioning and configuration

Automated provisioning to select Cyxtera ecosystem members extends CXD platform benefits beyond the data center

Increased reliability with a highly resilient network fabric, backed by a 99.999% availability SLA

Remote administration access is secured by AppGate SDP, Cyxtera's flagship secure access solution



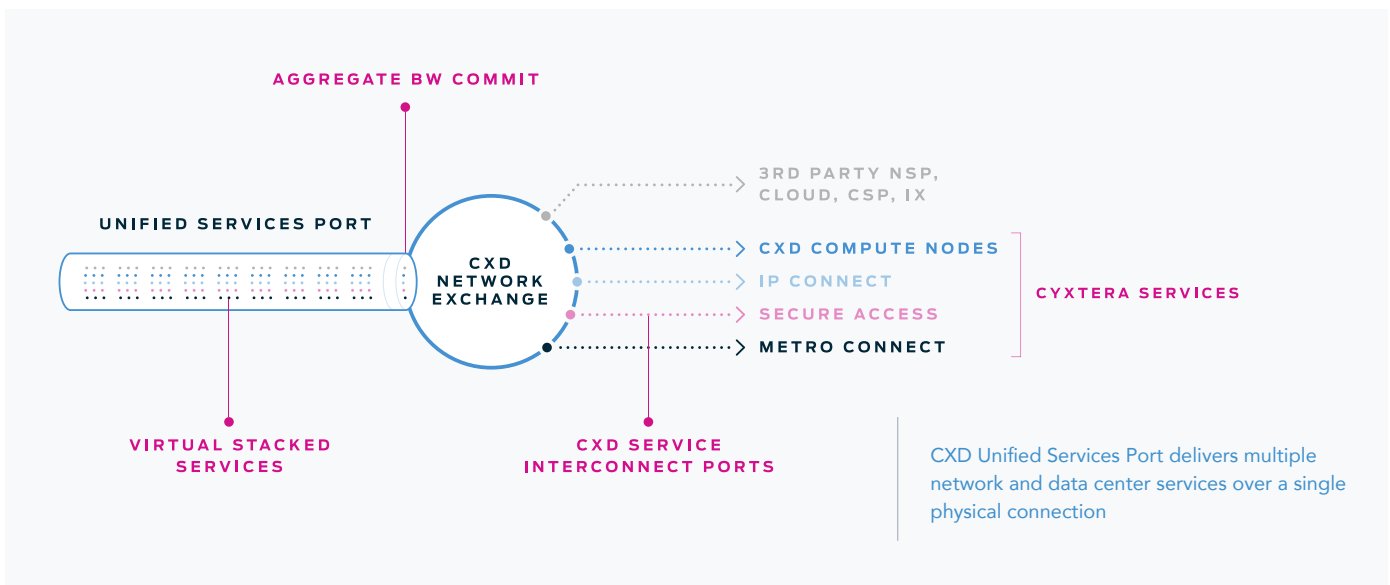
Benefits

Cyxtera's CXD platform delivers faster time to market for your new products and services. This helps increase revenue and lower costs. CXD gives you the flexibility to respond quickly to changes in demand and new requirements, so you can seamlessly scale and shift bandwidth between services as needed. CXD reduces installation timeframes and downtime during change management with its web console and API driven configuration and deployment tools, removing the need for technicians to visit the data center to complete the work.

With CXD, Cyxtera can help you reduce the complexity of your colocation environment by providing an integrated data center platform that streamlines procurement, configuration, and management of your IT infrastructure.

How It Works

CXD utilizes a state-of-the-art software defined network fabric to link customers and resources throughout the data center. This secure, high availability architecture assures each customer's traffic is logically isolated and protected through the use of VXLAN protocol. Private virtual layer 2 networks can be defined, provisioned, and configured through CXD APIs or web console. All CXD powered services are delivered over a Unified Services Port. Customers may elect to utilize the full port for a single service.



CXD Unified Services Port Options:

(multiple services over a single physical connection)

- Cat6 twisted pair (RJ45 connector) – 100Mbps
- Single-mode Fiber (LC connector) – 1Gbps
- Single-mode Fiber (LC connector) – 10Gbps

Network Interface:

- Copper twisted-pair Cat6 and Single-mode fiber ports supported
- All CXD physical connections are delivered with Ethernet layer 2 interface
- Logical services are delivered as virtual networks using VXLANs