Extreme Cloud Continuum and ExtremeCloud™ Edge

Cloud Your Way, Edge Your Way

Infinite Distribution is driving proliferation of people, devices, and applications, contributing to a data explosion at the edge. Outside of IT, OT (Operational Technology), for example, IoT in healthcare, manufacturing, energy, and retail, are also contributing significantly to this data explosion. Industry analyst IDC expects 55.7 billion devices to connect to the network in 2025, with 75% of those being IoT-based.
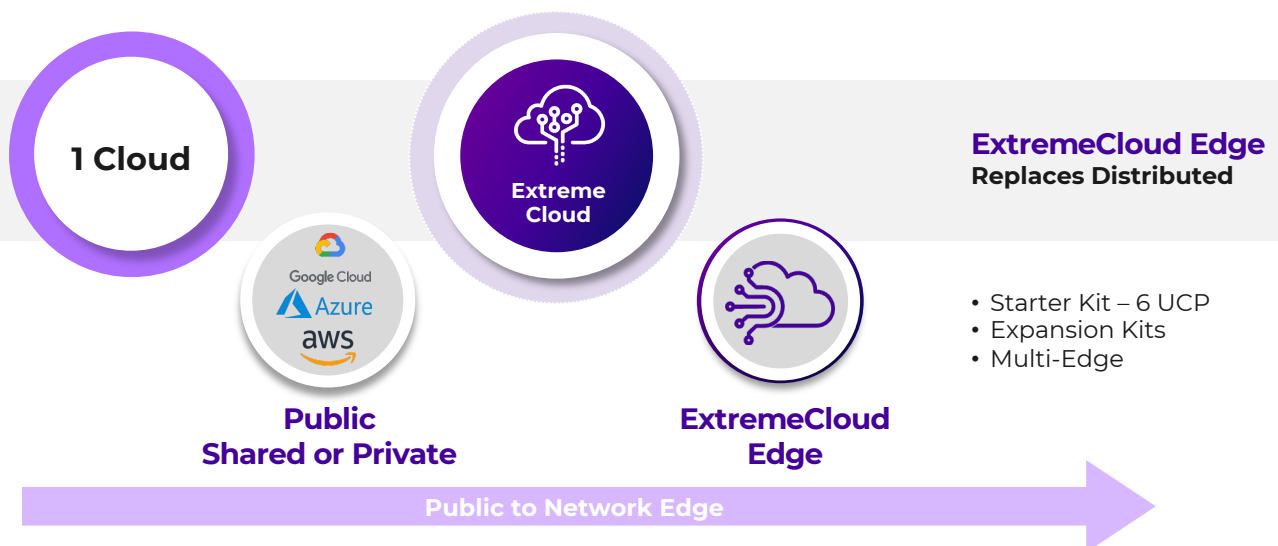
As a result, **public cloud architectures have evolved to better address the need for more security** through data privacy and sovereignty as well as better, low latency performance that stems from data and application processing closer to users. However, edge computing and distributed cloud architectures fall short by not accounting for networking. This gives rise to the need for a cloud continuum.
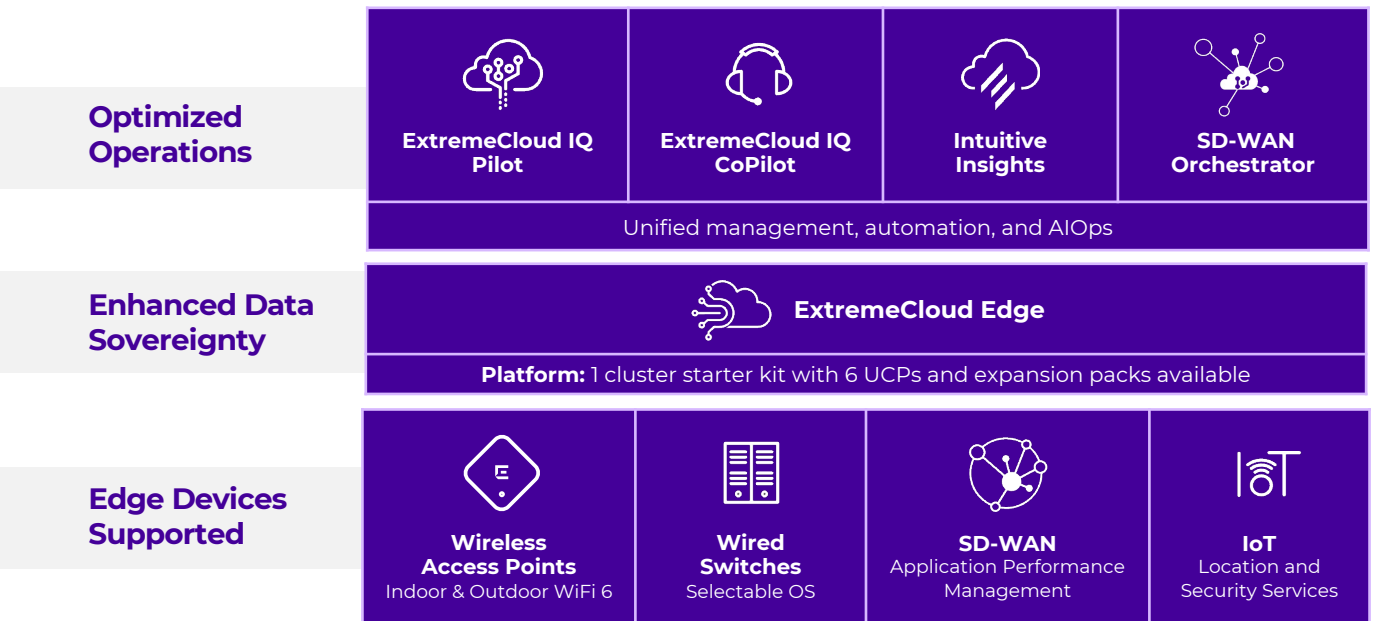
What Does Extreme Enable?

Extreme's Cloud Continuum for Networking spans from the public cloud to the network edge. This addresses the complete spectrum (from basic to advanced) of where customers may be in their cloud journey, offering:

- Cloud sovereignty: data residency, privacy, and control
- Low latency performance that comes from computing and data management at the edge
- Cost reduction through a consistent operational model with which customers are familiar

The first phase of this is ExtremeCloud™ Edge, a computing platform hosted at the network edge that enables management of network devices so customers can **Cloud Your Way, Edge Your Way.**

1 Cloud

Extreme Cloud

Google Cloud
Azure
aws

Public Shared or Private

ExtremeCloud Edge

ExtremeCloud Edge
Replaces Distributed

- Starter Kit – 6 UCP
- Expansion Kits
- Multi-Edge

Public to Network Edge

What is ExtremeCloud Edge?

Optimized Operations	**ExtremeCloud IQ Pilot**	**ExtremeCloud IQ CoPilot**	**Intuitive Insights**	**SD-WAN Orchestrator**
	Unified management, automation, and AIOps			
Enhanced Data Sovereignty	**ExtremeCloud Edge**			
	Platform: 1 cluster starter kit with 6 UCPs and expansion packs available			
Edge Devices Supported	**Wireless Access Points** Indoor & Outdoor WiFi 6	**Wired Switches** Selectable OS	**SD-WAN** Application Performance Management	**IoT** Location and Security Services

ExtremeCloud Edge replaces Distributed Cloud in Extreme's portfolio of hosting options. It is an elastic platform for edge deployment that has been designed to host Extreme's application portfolio as scalable micro services. It can seamlessly run Extreme's entire application set across the Cloud Continuum.

The hosted applications will fall into two categories: device management and insights, and communications and security services. The initial set of applications includes ExtremeCloud IQ Pilot and CoPilot, SD-WAN Orchestrator, and Intuitive Insights. Future applications will include both Extreme and certified third-party applications.

Extreme orchestrates and manages all applications remotely, but data is processed locally and remains inside the customer network, unless the customer has permissioned it to leave. One such permission would be to enable disaster recovery with the data being encrypted and securely backed up in a private instance of AWS on the customer's behalf.

Summary

ExtremeCloud Edge hosting capability gives customers a scalable, revolutionary solution so they can control data sovereignty, simplify compliance management, and improve end-user experience at the edge, taking their first steps toward a Cloud Continuum.