

## Deployment Choices for ExtremeCloud™ IQ



### Unified management across public cloud, private cloud, and edge deployments

ExtremeCloud™ IQ is an industry-leading approach to cloud-managed networking, built from the ground up to take full advantage of Extreme's end-to-end networking solutions. Extreme offers multiple deployment options for cloud-native, non-cloud native, and multi-vendor device management to support maximum flexibility, continuous innovation, and a consistent user experience.

This unified management platform provides a centralized view of your entire network that can be managed in the cloud, on-premises, or a combination of both. It can seamlessly manage access points, switches, and SD-WAN. ExtremeCloud IQ enables onboarding, configuration, monitoring, troubleshooting, and reporting. Use innovative machine learning (ML) technologies to power actionable insights to deliver new levels of network automation and intelligence, real-time analytics, and more.

## Deployment Choices

Different customers have different organizational needs. While many customers today opt for public cloud deployments with its many advantages, other customers may choose the private cloud or hybrid cloud. While still others need local deployments due to organizational, compliance or legal requirements. With one underlying cloud networking platform, the feature set is consistent across all deployment models, and customers can choose the option that works best for them without having to compromise on supported functionality.

| Deployment Type               | Public Cloud   | Private Cloud                               | ExtremeCloud Edge  | Hybrid Cloud   |
|-------------------------------|--|---|--|--|
| <b>Description</b>            | SaaS-based delivery of services in a public Regional Data Center (RDC) | Dedicated customer instance in public cloud | Extreme orchestration of applications in on-prem UCP cluster | On-prem ExtremeCloud IQ - Site Engine and/or ExtremeCloud IQ Controller linked to public cloud ExtremeCloud IQ |
| <b>Product Hosted</b>         | ExtremeCloud IQ, ExtremeCloud SD-WAN                                   | ExtremeCloud IQ                             | ExtremeCloud IQ, ExtremeCloud SD-WAN                         | ExtremeCloud IQ, ExtremeCloud IQ Controller, ExtremeCloud IQ - Site Engine                                     |
| <b>Deployment Options</b>     | AWS, Azure, or GCP   | AWS, Azure, or GCP                          | UCP Cluster On-Premises                                      | AWS/Azure/GCP and On-Premises  |
| <b>Application Management</b> | Extreme  | Extreme                                     | Extreme  | Extreme / Customer   |
| <b>Value / Differentiator</b> | Simple SaaS delivery model   | Data privacy and isolation                  | Data sovereignty and low latency performance                 | Global visibility with wider range of local devices  |

The multiple deployment options available from Extreme extend across public cloud, private cloud, edge, or a combination of options:

**Public Cloud:** Extreme provides access to a hosted service which removes infrastructure management and costs, provides data privacy and protection, unmatched reliability, and continuous delivery of innovations. Deploy across Google Cloud Platform (GCP), Microsoft Azure, or Amazon Web Services (AWS) with flexibility to move between public clouds.

**Private Cloud:** Large MSPs and enterprise customers who require the scale and flexibility of our Public Cloud solution, but want the added control of deploying it in their own private AWS or Google instance, hosted by Extreme Networks.

**ExtremeCloud Edge:** An elastic platform for edge deployment that has been designed to host Extreme's application portfolio as scalable microservices. It can seamlessly run Extreme's entire application set across the cloud continuum.

**Hybrid Cloud:** Organizations who operate using a combination of network device types can leverage this hybrid deployment model, which leverages the public cloud in addition to local infrastructure. This may be the preferred deployment choice for organizations who operate cloud native Extreme devices in addition to 3rd party devices, or those who require extended management. Organizations can extend management capabilities using ExtremeCloud IQ - Site Engine for task automation, access control, granular visibility with real-time analytics and multi-vendor device management.

## Deployment Choice Customer Use Cases

While all deployments are unique, below are examples of customer deployments and which ExtremeCloud IQ Deployment choice might be the best fit for that type of customer with the given requirements.

| Sample Customer   | ExtremeCloud IQ Deployment Suggestion |
|---|---------------------------------------|
| <b>Sample Customer #1: Distributed Organization</b> <ul style="list-style-type: none"><li>• Many geographically distributed branch locations</li><li>• 100% cloud-native network devices</li><li>• Lean IT team</li></ul>   | <b>Public Cloud</b>                   |
| <b>Sample Customer #2: Large Enterprise or MSP</b> <ul style="list-style-type: none"><li>• Data privacy requirements</li><li>• Desire operational efficiencies for IT/NOC</li><li>• Requires dedicated infrastructure for network management application</li></ul>  | <b>Private Cloud</b>                  |
| <b>Sample Customer #3: Mixed organization</b> <ul style="list-style-type: none"><li>• Managing 3rd party and cloud non-native devices</li><li>• NAC security requirement</li><li>• Managing some remote sites with cloud-native network devices</li><li>• Data governance requirements</li></ul>                | <b>Hybrid Cloud</b>                   |
| <b>Sample Customer #4: MSP or Enterprise</b> <ul style="list-style-type: none"><li>• Data governance requirements</li><li>• Deployment of computing infrastructure at edge to support application latency requirements</li><li>• Requires dedicated infrastructure for network management application</li></ul> | <b>ExtremeCloud Edge</b>              |

## Conclusion

ExtremeCloud IQ provides organizations with the flexibility to deploy IT infrastructure in the manner that best meets their organization's needs while delivering a consistent user experience and continuous innovation. It's your network. We believe you should deploy it your way.