

ExtremeCloud™ IQ

Cloud-Based Network Management

IT teams are grappling with support of hybrid work environments, a shortage of skilled employees, and the pressure of delivering quality user experiences. Intuitive, holistic cloud-based network management systems enable simple set up, pro-active fault identification, and better quality of experience for operations teams.

ExtremeCloud IQ, a key enabler of Extreme's cloud networking architecture, uniquely provides unified management and insights for an end-to-end view of Extreme and third-party networks. Extreme's One Network One Cloud approach simplifies secure connectivity across branch, edge, campus, and data center environments by leveraging artificial intelligence (AI). It offers customers cloud choice in deployment - whether public, private, or on-premises options.

Unified for simplicity

- End-to-end management of Wired, Wireless, SD-WAN and fabric
- Streamlined management of Extreme devices, third- party switches, and IoT devices for a large range of industries

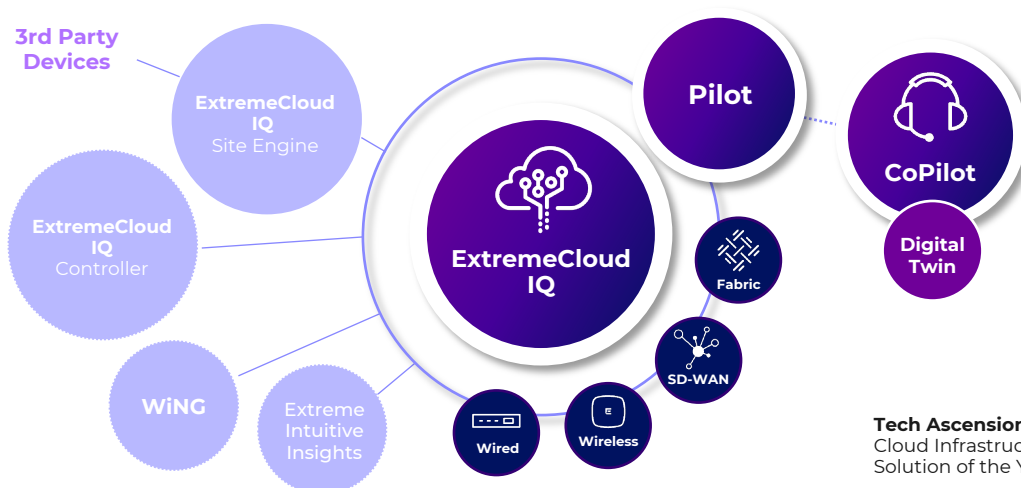
Automated for scale

- Actionable insights from Explainable ML (machine learning) recommendations to optimize network performance, customer experience, and security
- Simple provisioning and segmentation of networks

Secure by design for data privacy and protection

- Multiple [deployment options](#) to support data security and compliance needs - public, private, hybrid cloud, or [ExtremeCloud™ Edge](#)
- Unique in industry cloud platform security certifications to address data privacy, protection, and sovereignty.
 - ISO 27001/27701/27017 and CSA-STAR certifications
 - SOC 2 and GDPR compliance
 - FedRAMP certification is targeted for completion at the end of 2023

ExtremeCloud IQ is designed to facilitate end-to-end networking by unifying a comprehensive range of network management and analytics applications. Customers benefit from Universal Licensing across Wired and Wireless with our simple, value-based licensing tiers: Connect, Navigator, Pilot, and CoPilot.



Tech Ascension 2023
Cloud Infrastructure
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ExtremeCloud IQ Benefits

Simplify Operations

Managing an end-to-end network from ExtremeCloud IQ offers a range of capabilities to streamline daily operations. Advanced reporting helps ensure network health and positive end-user experiences. Full-stack visibility and analytics help isolate problems and facilitate rapid troubleshooting.



Advanced 360 Reporting shows the “total client experience” by analyzing vast amounts of device generated telemetry data that is distilled down to consumable and actionable insights. Network health is accurately depicted in both real-time and historical views.



Application Visibility helps administrators better understand user behavior on the network and identify the level of engagement. It correlates metrics to provide context-based visibility and analytics into application and network performance.



Intuitive Workflows make day-to-day tasks easier and more efficient. For example, the onboarding wizard, guided workflows, and shortcut configurations streamline routine processes to save time.



Mobile App (IQ Companion) is currently available in App Stores, and it enables Management Anywhere. The app allows users to monitor and access details about the network from any location in near real-time, and it includes a comprehensive troubleshooting toolbox. It also helps simplify the onboarding of devices and creates a full installation report.



ExtremeCloud IQ API conforms to the industry standard for RESTful API design, OpenAPI, and supports the Swagger UI. It allows customers and partners to [create solutions](#) for the management, monitoring, and provisioning of any ExtremeCloud IQ environment.

Reduce Business Risk

Unique Digital Twin, proactive alarms, and anomaly detection capabilities help to ensure the user experience, increase network uptime, and enhance business insights.



Digital Twin facilitates network assurance by allowing devices to be virtually staged before deploying them, helping to reduce risk. Users can create a digital copy of network infrastructure in a sandbox environment in the cloud to assess if the new configuration would cause problems before being released into production.



Proactive Alarms and Events reduce the number of trouble tickets and escalations by looking for patterns ahead of time to identify the anomalies that matter and recommends actions to address them early.



Wireless Experience helps ensure the end-user experience by providing analysis per location, SSID, and client type. This capability also includes identifying anomalies in the time to connect, associate and authenticate a device.



Connectivity Experience summarizes the client's experience into a single quality index score to easily track, identify, and troubleshoot connectivity issues. For each wired and wireless client, ExtremeCloud IQ processes information from all relevant metrics to define dynamic baselines, identify outliers, and provide the necessary context to remediate issues.

Learn more about [ExtremeCloud IQ](#)

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