CISCO Connect

Cisco IQ

AI-powered Digital Interface Accelerating the Customer Experience Revolution

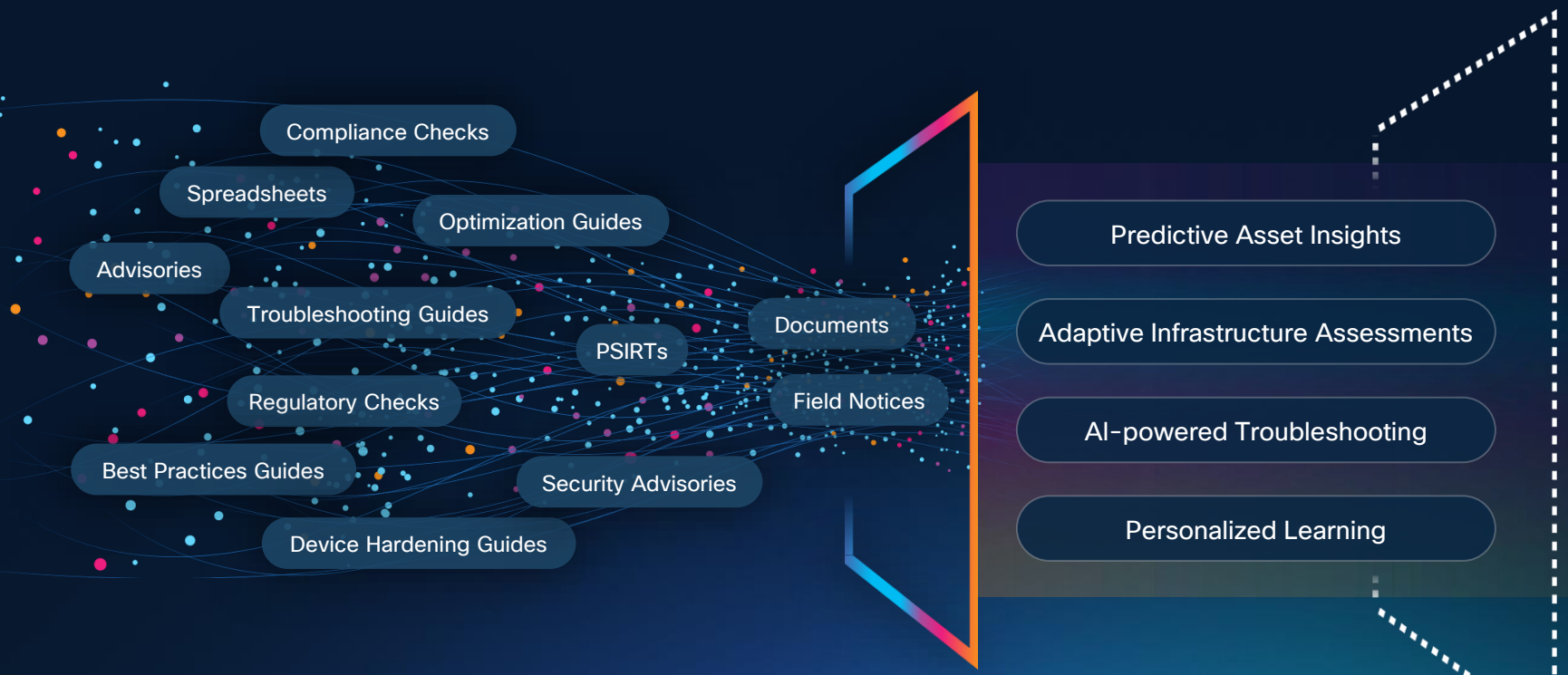


Steve Holl, CCIE #22739
Principal Architect
Customer Experience Product Management

30 September 2026

Introducing

Cisco IQ



- Predictive Asset Insights
- Adaptive Infrastructure Assessments
- AI-powered Troubleshooting
- Personalized Learning

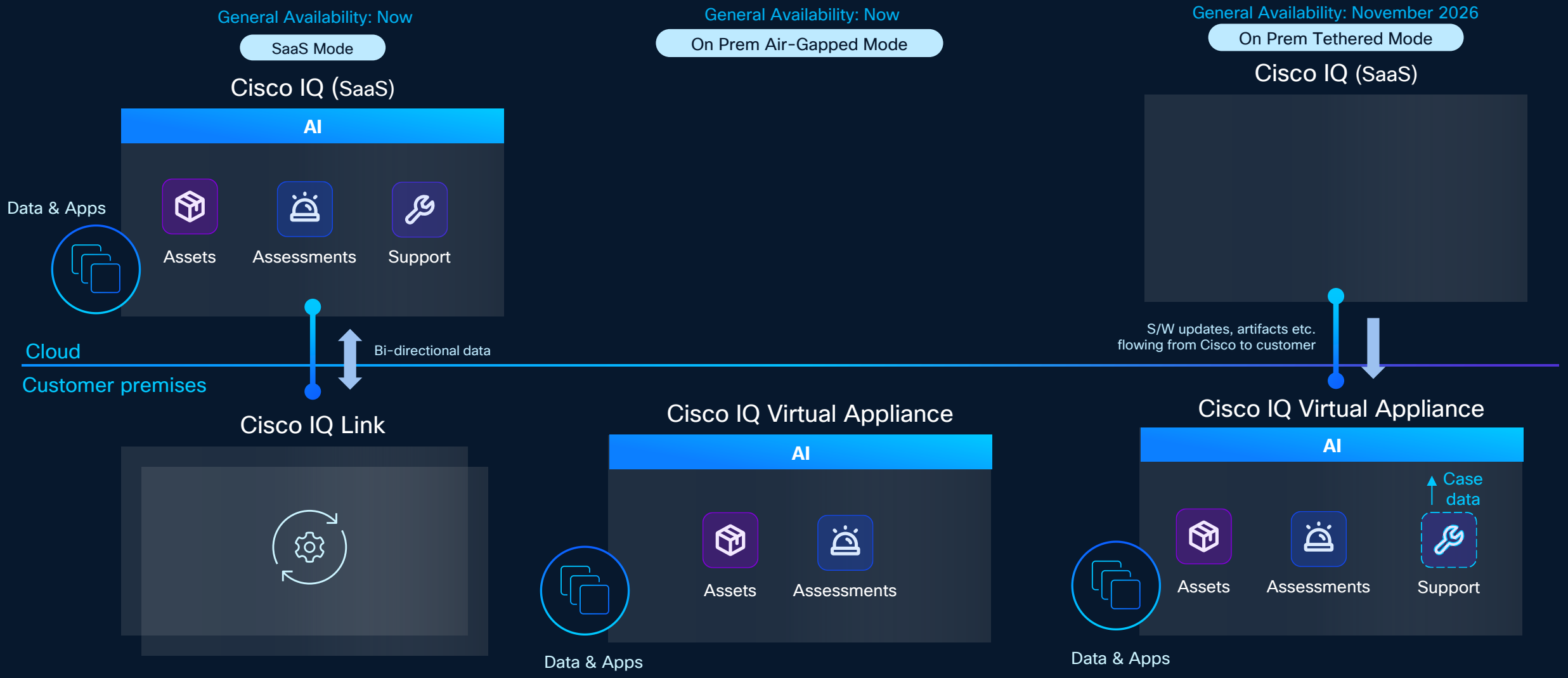
Benefits

- Understand your Cisco IT landscape
- Prevent outages and disruptions
- Resolve incidents faster with less effort
- Boost your innovation
- Stay on top of transformation initiatives

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Cisco IQ deployment modes

Adaptability and flexibility to fit any customer scenario



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01 Getting data in for your architectures

02 Unifying asset management

03 Identifying and measuring exposures and opportunities

04 Accelerating security vulnerability remediation workflows

05 What is coming soon?

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Cisco IQ

Live Demo

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Cisco IQ Coming Capabilities

(SaaS)

	1HFY27 (Aug - Jan)*	2HFY27 (Feb - July)*
Complete Landscape Clarity	• Complete Asset Inventory (HW, SW, Subscriptions) • Asset APIs (Full Release) • Asset Reconciliation and Reporting (Including MACDs) • Generative Asset Replacement Recommendations • MCP/A2A Integrations (MVP)	• Enhanced Integrations (ServiceNow, Solarwinds, Splunk TA) • MCP/A2A Integrations (Full Release) • Network Topology
Proactive Resilience	• Assessment APIs (Full Coverage) • Priority Bugs Assessment • MCP/A2A Integrations (MVP)	• Operational Performance Insights • Compliance Assessments (Regulatory / Custom Rules / Config Upload) • Agentic Assessments (Intent Based) • Agentic Risk Mitigation (Rapid Response) • MCP/A2A Integrations (Full Release) • Custom Rules in Configuration Assessments • Trending Insights
Rapid Resolution	• Remediation / Mitigation Execution (Configuration and Operating System) • Test and Validation (Agentic Test Case Creation & Execution) • MCP/A2A Integrations (MVP)	• Agentic Pro-Active Support Engagement • Agentic Troubleshooting (Full Release) • Agentic Operational Validation (Intent Based) • MCP/A2A Integrations (Full Release)

* Formal Availability Not Finalized

Cisco IQ

Q & A

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Thank you



Cisco IQ *SaaS* Capabilities by October
(Q1FY27)

	Basic	Standard (incl. Basic)	Signature (incl. Standard)
Complete Landscape Clarity	• End of Life report* • Service coverage report • LDOS Dashboard* • Asset APIs (Full Release) • Complete Asset Inventory (HW, SW, Subscriptions)*	• End of Life Insights * • Service coverage Insights • Asset Criticality Insights * • Asset tagging • Certificate Lifecycle • Peer Benchmarking (LDOS)	• Asset Reconciliation and Reporting (Including MACDs) • Generative Asset Replacement Recommendations*
Proactive Resilience	• Assessment APIs • Security Advisories report* • Field Notices report	• Security Advisory Insights * • Security Hardening Insights • Field Notices Insights • Configuration Insights • Peer Benchmarking (Assessments) • Post quantum cryptography readiness • Software conformance • Priority Bugs* • Trending Insights* • Assessment Findings Clustering*	• Configuration Recommendations • Security Hardening Recommendations • Software recommendations (BE) * • Software Recommendations (Based on Current Config) * • Post Quantum Phase 2 (risk assessment + transport assessment) • Assessment Recommendations Clustering*
Rapid Resolution	• Case Management • Self-serve Troubleshooting • Troubleshooting (additional architecture data sources)	• Support Case Insights • Single Device OS Upgrade (XE)* • Remediation / Mitigation Execution (Configuration and Operating System) * • Test and Validation (Agentic Test Case Creation & Execution) *	

Existing Capabilities

End of July Availability (SaaS) – Oct for on-prem

Target Oct. Availability (SaaS) – Jan for on-prem

*Supports Resilient Infrastructure Service

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SaaS, Air-Gapped, and Tethered for Customers and Partners

Cisco IQ Coming Capabilities

(SaaS)

	July 2026	1HFY27 (Aug – Jan)*	2HFY27 (Feb – July)*
Complete Landscape Clarity	• Certificate Lifecycle • Peer Benchmarking • Asset APIs (Beta)	• Complete Asset Inventory (HW, SW, Subscriptions) • Asset APIs (Full Release) • Asset Reconciliation and Reporting (Including MACDs) • Generative Asset Replacement Recommendations • MCP/A2A Integrations (MVP) • Network Topology	• Enhanced Integrations (ServiceNow, Solarwinds, Splunk TA) • MCP/A2A Integrations (Full Release)
Proactive Resilience	• Post quantum cryptography readiness • Software conformance and recommendations • Assessment APIs (Beta)	• Assessment APIs (Full Coverage) • Priority Bugs • Quantum Phase 2 (risk assessment + transport assessment) • Assessment Findings/Recommendations Clustering • Trending Insights • Assessment Runtime Personalization • Custom Rules in Configuration Assessments • MCP/A2A Integrations (MVP)	• Operational Performance Insights • Compliance Assessments (Regulatory / Custom Rules / Config Upload) • Agentic Assessments (Intent Based) • Agentic Risk Mitigation (Rapid Response) • MCP/A2A Integrations (Full Release)
Rapid Resolution	• Intelligent troubleshooting and root cause analysis	• Remediation / Mitigation Execution (Configuration and Operating System) • Test and Validation (Agentic Test Case Creation & Execution) • MCP/A2A Integrations (MVP)	• Agentic Pro-Active Support Engagement • Agentic Troubleshooting (Full Release) • Agentic Operational Validation (Intent Based) • MCP/A2A Integrations (Full Release)

SaaS and Air-Gapped

Tethered

* Formal Availability Not Finalized

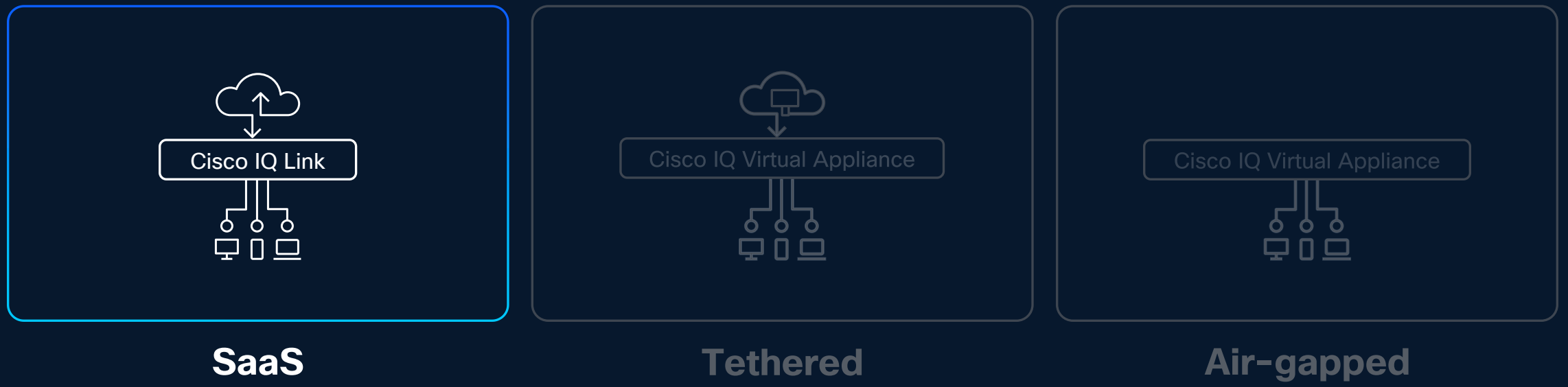
cisco

Cisco IQ

Deployment Modes

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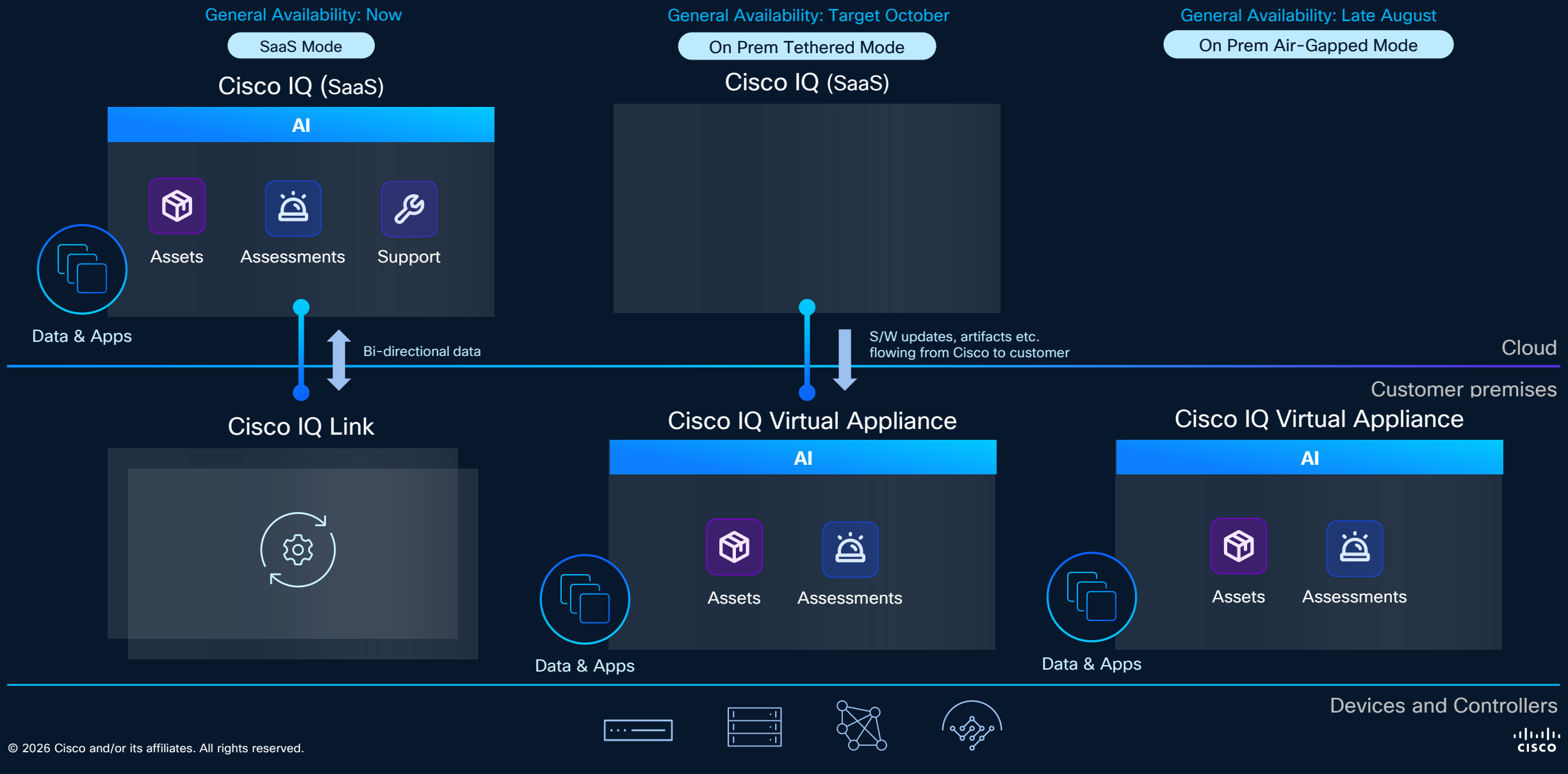
Flexible deployment modes



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Cisco IQ deployment modes

Adaptability and flexibility to fit any customer scenario



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Data Collection: SaaS

Data Category	Data Elements	Purposes	Retention Period
User Prompt Data	Free-text inputs into the Cisco IQ AI Assistant	Provide the services	1 year from the date of user input
Configuration Data	Non-Personal Data: • Data such as user-defined device preferences, hardware settings, software configurations, network settings, and other customizable options. • Configuration data is typically non-personal data but may contain incidental personal data defined by the customer.	• Provide the services • Support customer success, adoption, and account management activities • Analyze, improve and enhance existing Cisco Offers • Create new Cisco Offers	2 years from the date of ingestion but customers can request deletion of this data at any time by raising a service request with Cisco's TAC
Events Data	Non-Personal Data: • Logs of events such as user interactions, system events, errors, warnings, transactions or changes in state.	• Provide the services • Support customer success, adoption, and account management activities • Analyze, improve and enhance existing Cisco Offers • Create new Cisco Offers	2 years from the date of ingestion but customers can request deletion of this data at any time by raising a service request with Cisco's TAC
Telemetry Data	Non-Personal Data: • Real-time or near-real-time data streams generated by sensors, instruments, devices, or software systems. This data can include measurements, readings, status updates, performance metrics, environmental conditions, and other relevant information used for monitoring and analysis purposes.	• Provide the services • Support customer success, adoption, and account management activities • Analyze, improve and enhance existing Cisco Offers • Create new Cisco Offers	2 years from the date of ingestion but customers can request deletion of this data at any time by raising a service request with Cisco's TAC

Requirements for Cisco IQ Link

Selection Criteria:

- Availability of hardware resources to deploy Cisco IQ Link and allow IQ FQDN(s)
- Supported hypervisors: ESXi, Hyper-V, and KVM
- 1 x Cisco IQ Link with maximum number of supported devices: 50,000
- Supported discovery sources: Direct connections and Catalyst Center
- Auto upgrade of the Cisco IQ Link

Virtual Machine resource requirements

Type (device count)	Cisco IQ Link		
	CPU	RAM	HDD
Up to 10K	16 vCPU	28 GB	600 GB
Up to 20K	16 vCPU	28 GB	600 GB
Up to 50K	32 vCPU	48 GB	600 GB

Network and Firewall requirements

Source	Destination	Port / Protocol	Purpose
Cisco IQ Link	Cisco IQ (SaaS)* iq.cisco.com	443/TCP	Connection to Cisco IQ (SaaS)
Cisco IQ Link	DNS	53/UDP	DNS Resolution
Cisco IQ Link	NTP	123/UDP	Time Synchronization
Cisco IQ Link	Network Devices	161/UDP	Discovery, SNMP Queries
Cisco IQ Link	Network Devices	22/TCP	SSHv2 Connection
Cisco IQ Link	Catalyst Center	443/TCP	Connection to Catalyst Center
Cisco IQ Link	IdP	443/TCP	Connection to IdP
Cisco IQ Link	SFTP/SCP	22/TCP	Manual upgrade and export logs
Workstation	Cisco IQ Link IP address	443/TCP	Cisco IQ Link Console

Hardware and Hypervisors

Hardware
Similar to UCS C220 M7 or later
Hypervisors
VMware ESXi 8.0 or later
Hyper-V on MS Windows Server 2022 & 2025
KVM on RHEL v9.7

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** Data Center locations: US (Oregon), EMEA (Frankfurt), APJC (Sydney)*

Cisco IQ

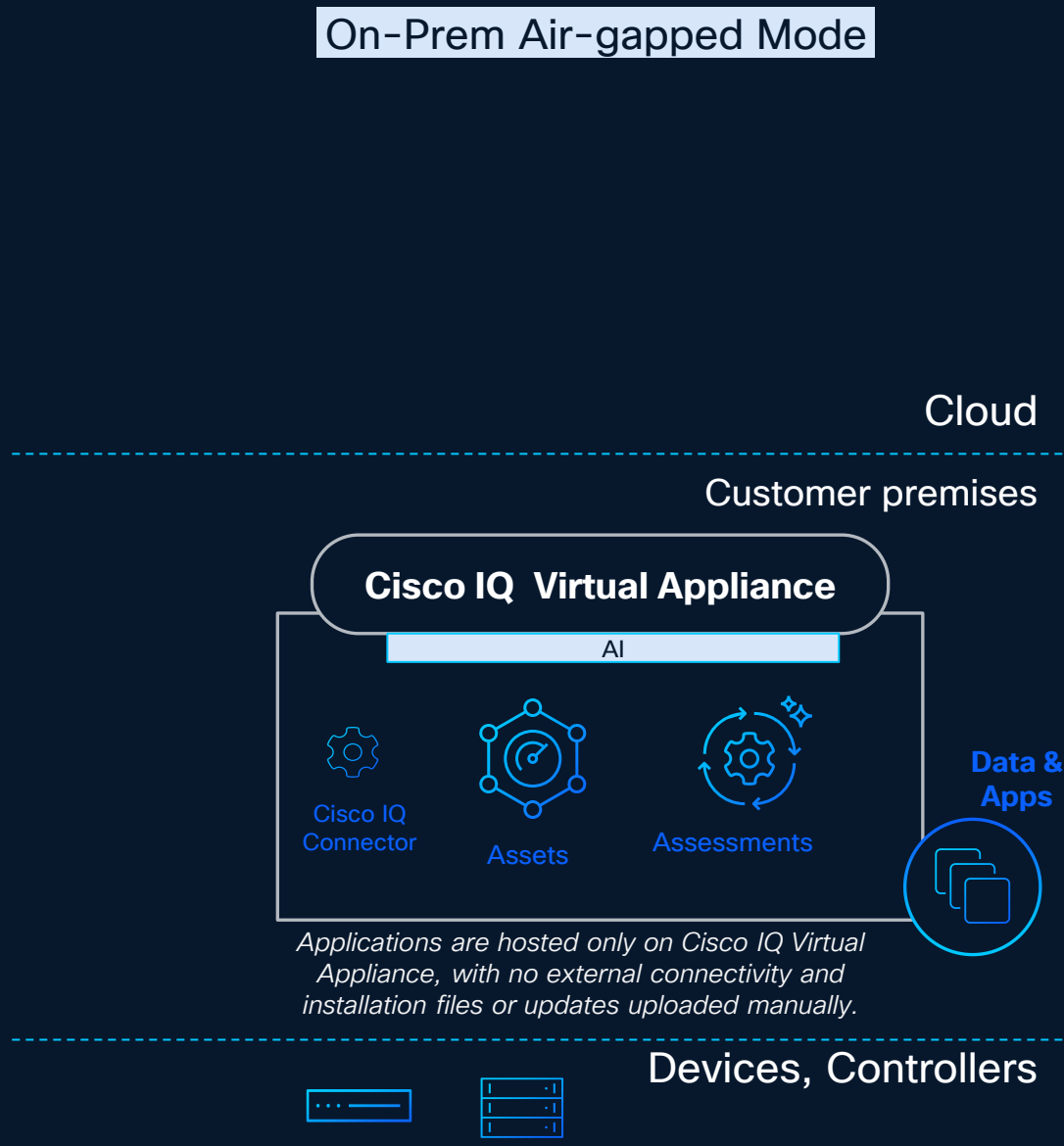
On-Prem Air-Gapped

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Cisco IQ On-Prem Air-gapped Deployment Mode - Details

Deployment highlights:

- Recommended for customers with strict data sovereignty needs such as public sector, critical infrastructure, financial institutions etc.
- Cisco IQ On Prem Virtual Appliance deployed on customer premises
- Completely isolated deployment with no external connectivity
- FIPS 140-3 certified and DoD's STIG compliant solution
- Secure, simplified manual updates and upgrades
- Fast-follow to SaaS with similar applications, features, and user experience
- AI-powered insights delivered via premise-based Language Models running on local GPUs
- Supports telemetry collection for up-to 50K devices



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Cisco IQ On Prem Airgap Q4 GA Release Capabilities

* AI-powered feature

	Basic	Standard	Signature
Predictive Asset Insights	• Asset inventory • End of Life report • Service contract report • LDOS Dashboard	• Asset inventory Insights * • End of Life Insights * • Service contract Insights * • LDOS Insights * • Asset Criticality Insights • Asset tagging	
Adaptive Infrastructure Assessments	• Security Advisories report • Field Notices report	• Security Hardening Findings & Recommendations • Configuration Findings & Recommendations • Security Advisory Insights * • Security Hardening Insights * • Field Notice Insights * • Configuration Insights *	

Direct device collection, Catalyst Center

Ask AI (Predefined Assets Prompts) *

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Goal is for IQ On Prem Airgap to support majority of capabilities supported on SaaS mode (within the confines of Data Privacy/residency considerations). Q4 feature list above is the first set of high-priority capabilities planned. More to come in later releases.

Cisco IQ On Prem Airgap (with AI features) EFT – Prerequisites

Customer Considerations

- Availability of hardware resources to deploy IQ Virtual Appliance along with required GPU (RTX Pro 6000 Blackwell Server edition)
- Supported hypervisors: ESXi 8.0 or Hyper-V or RHEL KVM
- 1 x IQ Virtual Appliance with maximum supported devices: 10,000 (est. 50,000 at GA)
- Supported discovery sources: Direct connections and Catalyst Center

Deployment Flow

- Customer initiates EFT enrollment
- Cisco IQ account is created
- Customer has required Hardware to support Airgap deployment
- Customer deploys IQ Virtual Appliance
- Post GA, Customer replaces EFT IQ Virtual Appliance with GA version

VM Resources			AI
CPU	RAM	HDD	GPU
96 vCPU	512 GB	2 TB	1 x RTX Pro 6000 *

** Above resource estimates are pending ongoing optimization in Q4FY26. Final numbers and Sample BOM* to be published close to GA*

Hardware
Similar to UCS C240 M8
Hypervisor
ESXi 8.0 and later
Hyper-V 2022 and 2025
KVM on RHEL 9.0

** Reference BOM includes UCS C240 M8 configuration: CPU: 2 x Intel I6520P 2.4GHz 24Core; RAM: 8 x 64GB; Disk: 4 x 1.9 TB SSD (3.8 TB eq.); GPU: 1x RTX Pro 6000 Blackwell Server Edition*

For sample reference BOM details and pricing estimates, please reach out to EFT team

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Cisco IQ On Prem Airgap Q4 GA Release Capabilities
Non-GPU Feature support

* AI-powered feature

	Basic	Standard	Signature
Predictive Asset Insights	• Asset inventory • End of Life report • Service contract report • LDOS Dashboard	• ~~Asset inventory Insights *~~ • ~~End of Life Insights *~~ • ~~Service contract Insights *~~ • ~~LDOS Insights *~~ • Asset Criticality Insights • Asset tagging	
Adaptive Infrastructure Assessments	• Security Advisories report • Field Notices report	• Security Hardening Findings & Recommendations • Configuration Findings & Recommendations • ~~Security Advisory Insights *~~ • ~~Security Hardening Insights *~~ • ~~Field Notice Insights *~~ • ~~Configuration Insights *~~	
Direct device collection, Catalyst Center			
~~Ask AI (Predefined Assets Prompts) *~~			

Goal is for IQ On Prem Airgap to support majority of capabilities supported on SaaS mode (within the confines of Data Privacy/residency considerations). Q4 feature list above is the first set of high-priority capabilities planned. More to come in later releases.

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Cisco IQ On Prem Airgap (No GPU features) EFT – Prerequisites

Customer Considerations

- Limited capability support of non-AI features for Assets & Assessments apps
- Limited time support (1Q) so that customers can procure GPU
- Availability of hardware resources to deploy IQ Virtual Appliance
- No GPU required for local AI inferencing
- Supported hypervisors: ESXi 8.0 or Hyper-V or RHEL KVM
- 1 x IQ Virtual Appliance with maximum supported devices: 10,000 (est. 50,000 at GA)
- Supported discovery sources: Direct connections and Catalyst Center
- Upgrade path to AI feature support under investigation

Deployment Flow

- Customer initiates EFT enrollment
- Cisco IQ account is created
- Customer has required Hardware to support Airgap deployment
- Customer deploys IQ Virtual Appliance
- Post GA, Customer replaces EFT IQ Virtual Appliance with GA version

VM Resources		
CPU	RAM	HDD
48 vCPU	96 GB	1.2 TB

** Above resource estimates are pending ongoing optimization in Q4FY26. Final numbers to be published close to GA*

Hardware
Similar to UCS C240 M8
Hypervisor
ESXi 8.0 and later
Hyper-V 2022 and 2025
KVM on RHEL 9.0

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Cisco IQ On Prem Airgap EFT – Two Options

Deployment with No GPU support

Customer Considerations

- Limited capability support of non-AI features for Assets & Assessments apps
- Limited time support (1Q) so that customers can procure GPU
- Availability of hardware resources to deploy IQ Virtual Appliance
- No GPU required for local AI inferencing
- Supported hypervisors: ESXi 8.0 or Hyper-V or RHEL KVM
- 1 x IQ Virtual Appliance with maximum supported devices: 10,000 (est. 50,000 at GA)
- Supported discovery sources: Direct connections and Catalyst Center
- Upgrade path to AI feature support under investigation

VM Resources *		
CPU	RAM	SDD
48 vCPU	96 GB	1.2 TB

Deployment with GPU support

Customer Considerations

- Support for Assets and Assessments app along with AI features
- Availability of hardware resources to deploy IQ Virtual Appliance
- GPU (RTX Pro 6000 Blackwell Server edition) required for local AI inferencing
- Supported hypervisors: ESXi 8.0 or Hyper-V or RHEL KVM
- 1 x IQ Virtual Appliance with maximum supported devices: 10,000 (est. 50,000 at GA)
- Supported discovery sources: Direct connections and Catalyst Center

VM Resources*			AI
CPU	RAM	SDD	GPU
96 vCPU	512 GB	2 TB	1 x RTX Pro 6000

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** Above resource estimates are pending ongoing optimization in Q4FY26. Final numbers and Sample BOM* to be published close to GA*

Cisco IQ On Prem EFT – Network Requirements

Source	Destination	Port / Protocol	Purpose
Cisco IQ Virtual Appliance	DNS	53/UDP	DNS Resolution
Cisco IQ Virtual Appliance	NTP	123/UDP	Time Synchronization
Cisco IQ Virtual Appliance	Network Devices	161/UDP	Discovery, SNMP Queries
Cisco IQ Virtual Appliance	Network Devices	22/TCP	SSHv2 Connection
Cisco IQ Virtual Appliance	Catalyst Center	443/TCP	Connection to Catalyst Center
Cisco IQ Virtual Appliance	IdP	443/TCP	Connection to IdP
Cisco IQ Virtual Appliance	SFTP	22/TCP	Manual upgrade and export logs
Workstation	Cisco IQ Virtual Appliance IP address	443/TCP	Cisco IQ Virtual Appliance Console

Note: No data goes out of customer network

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Supported Telemetry Collection – Airgap

Direct Collection via Connector

- Networking: Routing, Switching, Wireless
- Data Center Networking: Switching, Storage
- Data Center Compute
- Service Provider: Routers, Optical
- Cloud & Network Security
- Collaboration endpoints

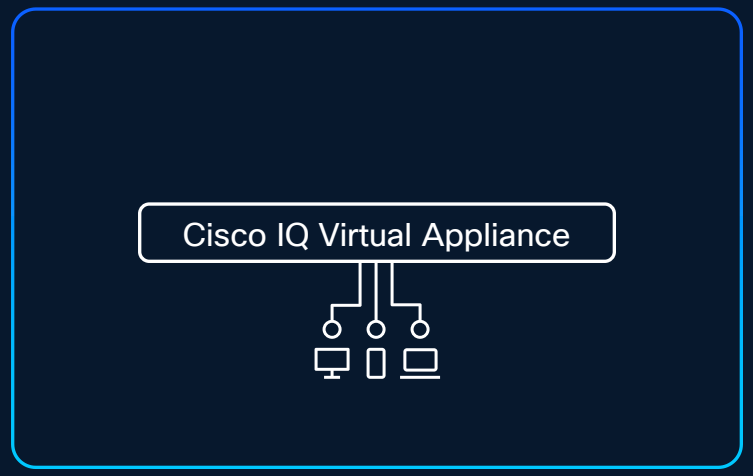
Controllers via Connector

- Catalyst Center

Cisco IQ Supported Product list for SaaS

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Onboarding & Enabling New Cisco IQ On Prem Customers



Cisco IQ On Prem Air-gapped

- **A:** Onboard new Cisco IQ On Prem customer in SaaS portal
- **B:** Download On Prem ova, applications & modules from SaaS
- **C:** Install & deploy IQ Virtual Appliance on customer premise
- **D:** Update modules on IQ Virtual Appliance

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