



iQ31040 Qualified Software Appliance



KEY CAPABILITIES

AppLogic Networks's iQ31040 Qualified Software Appliance enables a full suite of network intelligence and policy enforcement capabilities, including:

- Ideal for access / edge 1GE and 10GE deployments
- Deployment & management with AppLogic Networks Simplified Installation Engine SIE
- Up to 40Gbps inspection throughput¹
- 10 x 1GbE ports for Traffic or 4 x 10GE ports + 2 x 1GE ports for traffic
- Up to 6 x 1GbE ports for Admin, AUX and System roles
- Up to 2 Million subscribers¹
- Up to 14 Million connections¹

¹Depending on configuration and network traffic profile

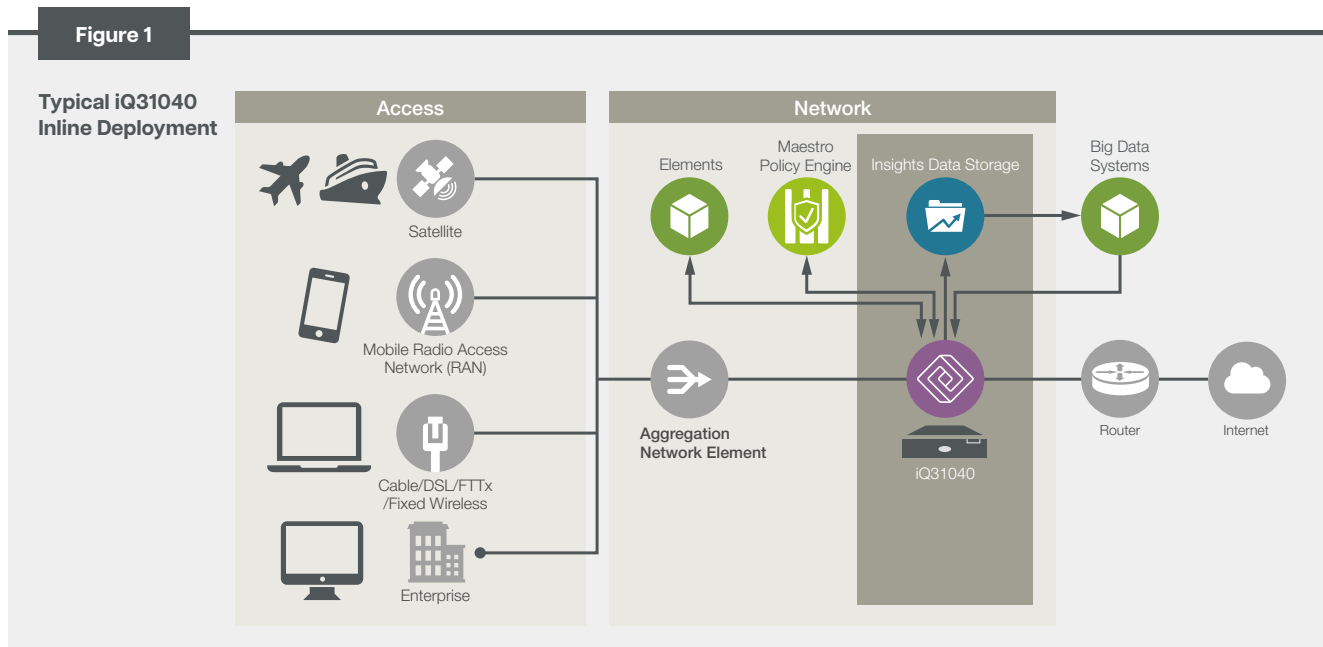
The iQ31040 Qualified Software Appliance is a high-performance appliance suitable for extra-small to small-sized deployments and designed for service providers and enterprises seeking cost-effective network deployments. Compatible with AppLogic Networks' Application Quality of Experience (App QoE) and network intelligence suite, the iQ31040 Qualified Software Appliance enables organizations to analyze, optimize, and monetize their network traffic.

The iQ31040 Qualified Software Appliance is based on the 1RU Dell PowerEdge R660xs reference server model. It is powered by AppLogic Networks' Linux and the Simplified Installation Engine, offering up to 40Gbps of throughput. It features 12 x 1GbE networking ports or 4 x 10GbE + 4 x 1GbE networking ports including 2 x 1GbE ports for Admin, AUX. The iQ31040 supports up to 2 million subscribers, 14 million connections and can be configured to support a broad range of use cases enabled by AppLogic Networks across multiple solution areas. Designed for smaller networks, or for use in conjunction with larger models, the iQ31040 Qualified Software Appliance can be deployed regionally or for lower bandwidth requirements to optimize total cost of ownership (TCO).

WHAT IS AN APPLOGIC NETWORKS QUALIFIED SERVER?

An AppLogic Networks Qualified Software Appliance is a software solution that is tested to reside on a recommended set of COTS servers, which today is specifically PowerEdge rack server models from Dell Technologies™. It contains a prepackaged Software OS with AppLogic Networks innovative Application software and undergoes a qualification process of performance tests (over various dimensioning). This new appliance series will allow customers to transition from multi-vendor procurement to a centralized, single-source supplier, migrating server technology procurement from international to regional supply chains to allow improved lead times, regional pricing, and local sales and support presence.

Figure 1



iQ31040 SPECIFICATION HIGHLIGHTS

- Networking: 1GE, 10GE, connectivity
- Throughput: Up to 40Gbps¹
- Connections: Up to 14,000,000¹
- Connections/sec: Up to 640,000¹
- Subscribers: Up to 2,000,000¹
- Redundancy: Port Failover – Link state Propagation, External Bypass, FlowSync/QueueSync

¹Depending on configuration and network traffic profile

SAVE ON TOTAL COST OF OWNERSHIP

Every dollar counts. That's why repurposing, refitting or re-using server technology is important for most organizations who have moved away from proprietary technology. The iQ31040 Qualified Software Appliance provides this flexibility and in turn increases the ROI of the purchased server technology.

Deploy with flexibility, utilizing fully customizable Dell portfolio parts, accessories, and refitting possibilities. Customers receive comprehensive server technology-focused support services from Dell, including hardware support, protection, and advisory services. This, in combination with Intel® Xeon® Silver processors, offers a market leading price advantage per core in support of significant TCO savings.

Rack Server	Dell PowerEdge R660xa, 1 rack unit (RU), 19" rack-mounted
Processor family	Intel® 4th generation Xeon® Scalable Processors
Processor models	Single Intel Xeon Silver 4514Y 2G, 16C/32T Processors
Memory	128GB (4 x 32GB RDIMM)
Storage	480GB (2 x 480GB SSD RAID1)
Network Interface Adapters	1/10GbE from various vendors according to Product Guide
Management Interfaces	2 x 1000BASE-T
Max Number of Traffic Channels	5 x 1GbE (BASE-T) or 2 x 1/10GE (SFP/SFP+)
Number of Interfaces	14 x 1GbE (BASE-T) or 4 x 1/10GE (SFP/SFP+) + 6 x 1GbE (BASE-T)
Physical Interfaces:	SFP/SFP+ 1/10GE SR, SFP/SFP+ 1/10GE LR, BASE-T
AppLogic Networks Software Application	ActiveLogic LTS 27.20 or higher
AppLogic Networks OS	AppLogic Networks Linux
Software Installation Process	AppLogic Networks Simplified Installation Engine

ABOUT APPLOGIC NETWORKS

AppLogic Networks' cloud-based App QoE portfolio helps customers deliver high quality, optimized experiences to consumers and enterprises. Customers use our solutions to analyze, optimize, and monetize application experiences using contextual machine learning-based insights and real-time actions. Market-leading classification of more than 95% of traffic across mobile and fixed networks by user, application, device, and location creates uniquely rich, real-time data that significantly enhances interactions between users and applications and drives revenues. For more information visit <https://www.applogicnetworks.com> or follow AppLogic Networks on X @AppLogic Networks.



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