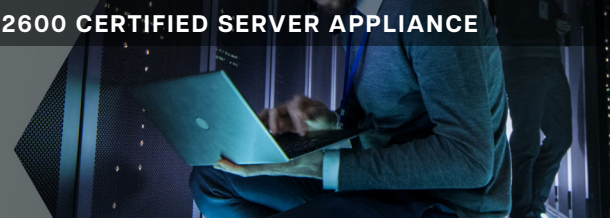**AppLogic NETWORKS**

iQ52600 Certified Server Appliance

KEY CAPABILITIES

AppLogic Networks' iQ52600 Certified Server Appliance enables a full suite of network intelligence and policy enforcement capabilities, including:

- Traffic identification and classification
- Congestion management
- Traffic prioritization
- Application-layer traffic management
- Statistics collection and streaming
- Advanced application-based traffic steering

BENEFITS

- High performance Certified Server Appliance for large-scale, high-throughput networks
- Cost-effective Commercial-off-the-Shelf (COTS) solution with a centralized, single-source supplier
- Improved lead times, regional pricing, and local support through regional supply chains
- Flexibility to repurpose, refit, or reuse server technology, increasing ROI
- Full suite of network intelligence and policy enforcement capabilities

iQ52600 Certified Server Appliance

A Certified Server Appliance offers a turnkey, pre-integrated solution designed to simplify network deployment and operations. Certified and distributed through AppLogic Networks' distribution partner, Arrow Intelligent Solutions, this appliance combines AppLogic Networks' industry-leading software with optimized hardware. The iQ52600 Certified Server Appliance eliminates procurement complexity, accelerates deployment timelines, and ensures superior support through regional partnerships.
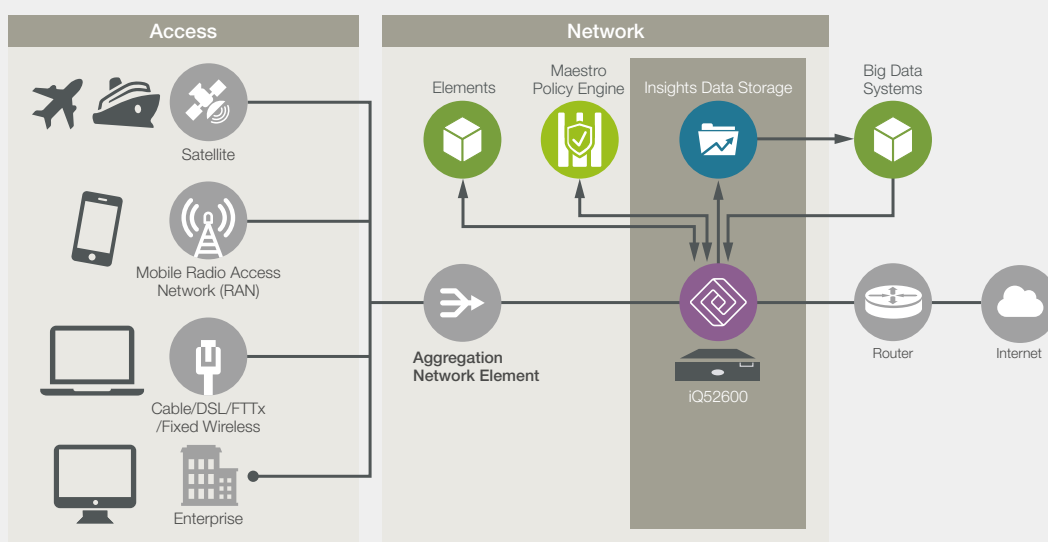
THE IQ52600 CERTIFIED SERVER APPLIANCE FEATURES AND SPECIFICATIONS

The iQ52600 Certified Server Appliance is a high-performance, scalable, commercial-off-the-shelf (COTS)-based appliance designed for service providers and enterprises with large-scale, high-throughput networks seeking cost-effective network deployments. Compatible with AppLogic Networks' Application Quality of Experience (App QoE) and network intelligence suite, the iQ52600 enables organizations to analyze, optimize, and monetize their network traffic in real-time.

The iQ52600 Certified Server Appliance is a high-performance 2RU appliance designed specifically for, but not limited to, 100GE networking. Powered by AppLogic Networks Linux and Simplified Installation Engine, iQ52600 is offering up to 640Gbps of throughput, accessible by up to 12 100GE networking, data intersect ports. It can be configured to support a broad range of use cases enabled by AppLogic Networks across multiple solution areas.

Figure 1

Typical iQ52600 Certified Server Appliance Inline Deployment

FLEXIBLE DEPLOYMENT OPTIONS: CERTIFIED SERVER APPLIANCES

AppLogic Networks Certified Server Appliances - Partnership with Arrow Intelligent Solutions
AppLogic Networks' Certified Server Appliances provide a turnkey networking solution by integrating software and hardware into a pre-tested, pre-configured package. Delivered in partnership with Arrow Intelligent Solutions, these appliances simplify procurement and

deployment for operators requiring an out-of-the-box solution. Certified Server Appliances offer the performance and reliability of legacy hardware appliances while leveraging the efficiency and cost advantages of COTS-based platforms. This approach ensures superior performance, seamless integration, and comprehensive regional support.

Save on Total Cost of Ownership

AppLogic Networks' commitment to hardware agnosticism enables operators to achieve significant cost savings by repurposing, refitting, or reusing existing server technology. Certified Server Appliances are designed to maximize ROI by reducing upfront investments, improving operational efficiency, and extending the lifecycle of infrastructure. An all-in-one Certified Appliance provides operators with the tools to optimize spending and achieve unparalleled network performance.

iQ52600
SPECIFICATION HIGHLIGHTS

- Connections: 150,000,000[1]
- Connections/sec: 5,000,000[1]
- Throughput: Up to 640Gbps[1]
- Subscribers: Up to 30,000,000[1]
- Redundancy: External Bypass, FlowSync/QueueSync
- Max # of 100GE Traffic Channels: Up to 6 100GE QSFP28[2]
- Max # of 10GE Traffic Channels: Up to 8 10GE SFP+[2]

[1]Depending on configuration and network traffic profile
[2]Depending on option selected

Racker Server	2 Rack Unit (RU), 19" Rack-Mounted with Dual Power Supply Units
NETWORKING Interfaces	Option 1: 8 x 100GE QSFP28, 4 x 25/10GE SFP+/SFP28 Option 2: 8 x 100GE QSFP28, 12 x 25/10GE SFP+/SFP28 Option 3: 4 x 100GE QSFP28, 20 x 25/10GE SFP+/SFP28 Option 4: 12 x 100GE QSFP28, 4 x 25/10GE SFP+/SFP28
Management Interfaces	2 x 1000BASE-T
Physical Interfaces	QSFP28 100G-SR4, QSFP28 100G-LR4, SFP28 25GE SR, SFP28 25GE LR, SFP+ 10GE SR, SFP+ 10GE LR
Dimensions	Height 86.8mm (3.42"), Width 434.0mm (17.1"), Depth 736.29mm (28.99") + 35.84 mm (1.4") with bezel
Weight	34.01kg (75lb)
AC POWER SUPPLIES	Dual, Hot-Plug, 2400W AC Power Supply Units (PSUs)
DC POWER SUPPLIES	Dual hot-swappable 1100W -48VDC Power Supply Units (PSUs)

WARRANTY, OWNERSHIP AND MISSING PARTS

1. AppLogic Networks Appliance will have a 7 year Onsite NBD Warranty with 24x7 in-region technical support
2. Arrow will transfer the Dell Asset Tag (serial number) to the appropriate Partner or Customer address
3. If parts were not installed by Dell, AppLogic Networks will send part directly to partner/customer to install

OUR COMMITMENT TO PROVIDING VISIBILITY

Our industry-leading AppLogic core technology delivers deep visibility into network traffic, unlocking new opportunities across every department. Key features include:

- **Accurate Application Identification:** Over 95% coverage, including encrypted traffic, ensuring precise network insights.
- **Content Classification:** Granular categorization of applications and services to enhance decision-making.
- **QoE KPIs and Sentiment Analysis:** Provides critical metrics and behavioral insights to optimize user experience.

AppLogic's capabilities empower operators with actionable insights, driving operational efficiency, customer satisfaction, and revenue growth.

Our Industry-leading
unique core technology

Unlock New
Business Opportunites

Department	Business KPIs Improved
Ops	Operational Efficiency
Planning	Reduced CAPEX
Performance	Improved QoE
Customer Care	CSAT, Retention & ARPU Growth
Marketing	New Revenue Streams
Big Data	Enhanced Data Modeling
Regulatory	Compliance
Security	Rev Assurance & Fraud Prevention

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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