



iQ42300 Platform

100GE interface network intelligence and policy enforcement platform



The iQ42300 platform gathers network intelligence to provide performance insights as well as enforces fine-grained policy to enable service providers to take actions necessary to improve quality of experience (QoE) for users.

The iQ42300 platform is a high performance 2RU appliance offering up to 320Gbps of throughput, accessible through three options of modular I/O devices. The iQ42300 platform can be configured to support a broad range of use cases enabled by Sandvine across multiple solution areas.

KEY BENEFITS

- Up to 320Gbps of throughput without packet drops
- Multiple interface options, allowing transition from 10GE to 100GE
- Supports external bypass solution to minimize network downtime

The iQ42300 platform can be configured to support a range of analytics and policy enforcement functions. iQ42300 helps evolve networks toward 100GE interfaces, virtualization, and commodity hardware.

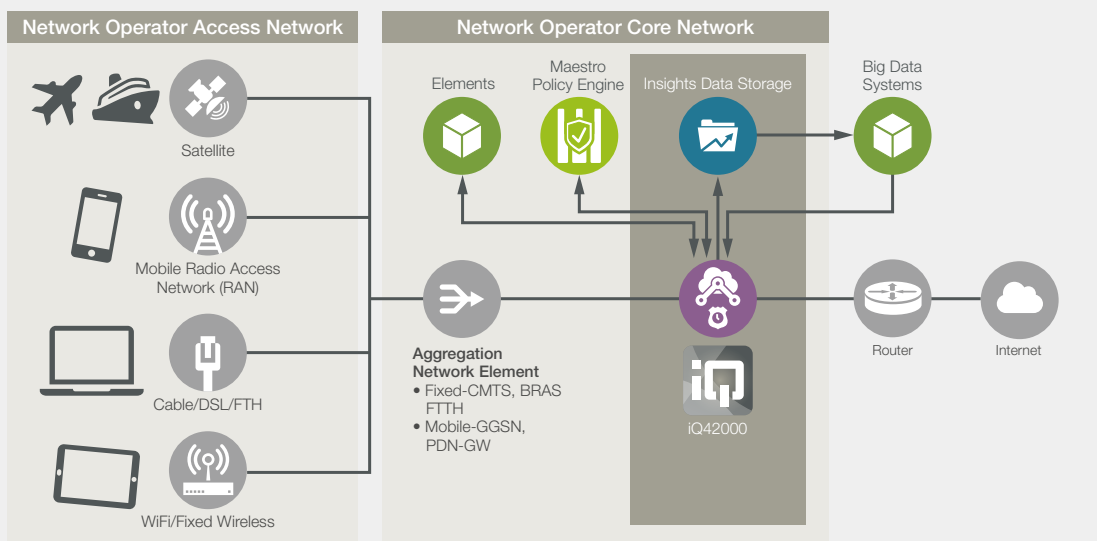
KEY CAPABILITIES

Sandvine's iQ42300 with ActiveLogic, enables a full suite of network intelligence and policy enforcement capabilities, including:

- Traffic/application identification and classification
- Congestion management
- Traffic/application prioritization
- Application-layer traffic management
- Statistics collection and streaming
- Application delivery networking via advanced traffic steering

Figure 1

Typical iQ42300 Inline Deployment



iQ42300 SPECIFICATIONS



Connections	100,000,000 ¹
Connections/sec	4,800,000 ¹
Throughput	Up to 320Gbps ¹
Subscribers	10,000,000 ¹
Management Interfaces	4xSFP+ 1xDB9 Serial
Max # of Traffic Channels	Option 1: 4x100GE + 4x10GE Option 2: 2x100GE + 8x10GE Option 3: 14x10GE
Number of Interfaces	Option 1: 8x100GE QSFP28 8x10GE SFP+ Option 2: 4x100GE QSFP28 16x10GE SFP+ Option 3: 28x10GE SFP+
Physical Interfaces	QSFP28 100G-SR4 QSFP28 100G-LR4 SFP+ 10GE SR SFP+ 10GE LR SFP 1000BASE-T
Redundancy	External Bypass, FlowSync/ QueueSync
Hardware	2 Rack Unit (RU), 19" Rack-Mounted with AC/DC Power Supply
Dimensions	Height 86.8mm (3.42") Width 434.0mm (17.1") Depth 715.5mm (28.17") + 35.8mm (1.41") with bezel
Weight	34.01kg (75lb)
Power	Two hot-swappable AC or DC PSUs

¹Actual performance may vary based on specific use cases, configurations, and underlying hardware

ABOUT SANDVINE

Sandvine's cloud-based Application and Network Intelligence 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 <http://www.sandvine.com> or follow Sandvine on Twitter @Sandvine.



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