



iQ31020 Platform

High performance, 1RU network intelligence and policy enforcement platform



The iQ31020 platform is designed primarily for mobile, fixed (FTTx, DSL, wireless), satellite, and enterprise networks, with lower capacity needs. It gathers network intelligence to provide performance insights as well enforces fine-grained policy to enable operators to optimize network resources and improve quality of experience (QoE).

KEY BENEFITS

- Built for networks with up to 1M subscribers, requiring lower capacity on 1GE and 10GE network infrastructure
- Optimized TCO with cutting-edge COTS and processor technology, achieving high performance with smaller footprint
- Slim design, only 1 rack unit (1RU) with fixed networking ports allows for consistency across deployments

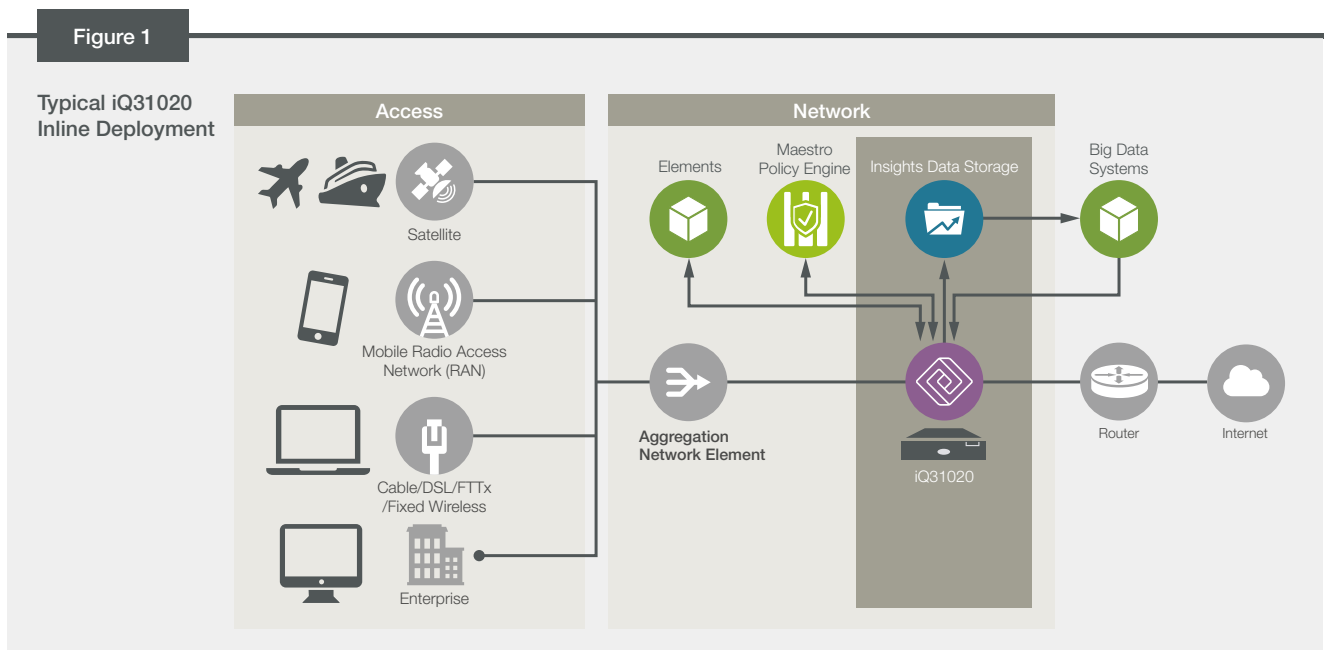
This is a high performance 1RU appliance offering up to 20 Gbps of throughput, accessible through fixed networking ports. The iQ1020 platform can be configured to support a broad range of use cases enabled by Sandvine across multiple solution areas.

KEY CAPABILITIES

Sandvine's iQ31020 with ActiveLogic software, 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



iQ31020 SPECIFICATIONS



Connections	7,500,000 ¹
Connections/sec	320,000 ¹
Throughput	Up to 20Gbps ¹
Subscribers	1,000,000 ¹
Management Interfaces	1x1000Base-T 1xRJ45 Serial
Max # of Traffic Channels	1x10GE SFP+ 2x1000BASE-T
Number of Interfaces	4x10GE SFP+ 6x1000BASE-T
Physical Interfaces	1000BASE-T SFP+ 10GE-SR SFP+ 10GE-LR
Redundancy	External Bypass, FlowSync/QueueSync
Hardware	1 Rack Unit (RU), 19" Rack-Mounted with AC or DC Power Supply
Dimensions	Height 412.5mm (1.75") Width 434 mm (17.1") Depth 381mm (15")
Weight	8.61kg (19lb)
Power	Two hot-swappable AC or DC PSUs

¹ Depending on configuration

ABOUT SANDVINE

Sandvine helps organizations run world-class networks with Active Network Intelligence, leveraging machine learning analytics and closed-loop automation to identify and adapt to network behavior in real time. With Sandvine, organizations have the power of a highly automated platform from a single vendor that delivers a deep understanding of their network data to drive faster, better decisions. For more information, visit sandvine.com or follow Sandvine on Twitter at [@Sandvine](https://twitter.com/Sandvine).



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