



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

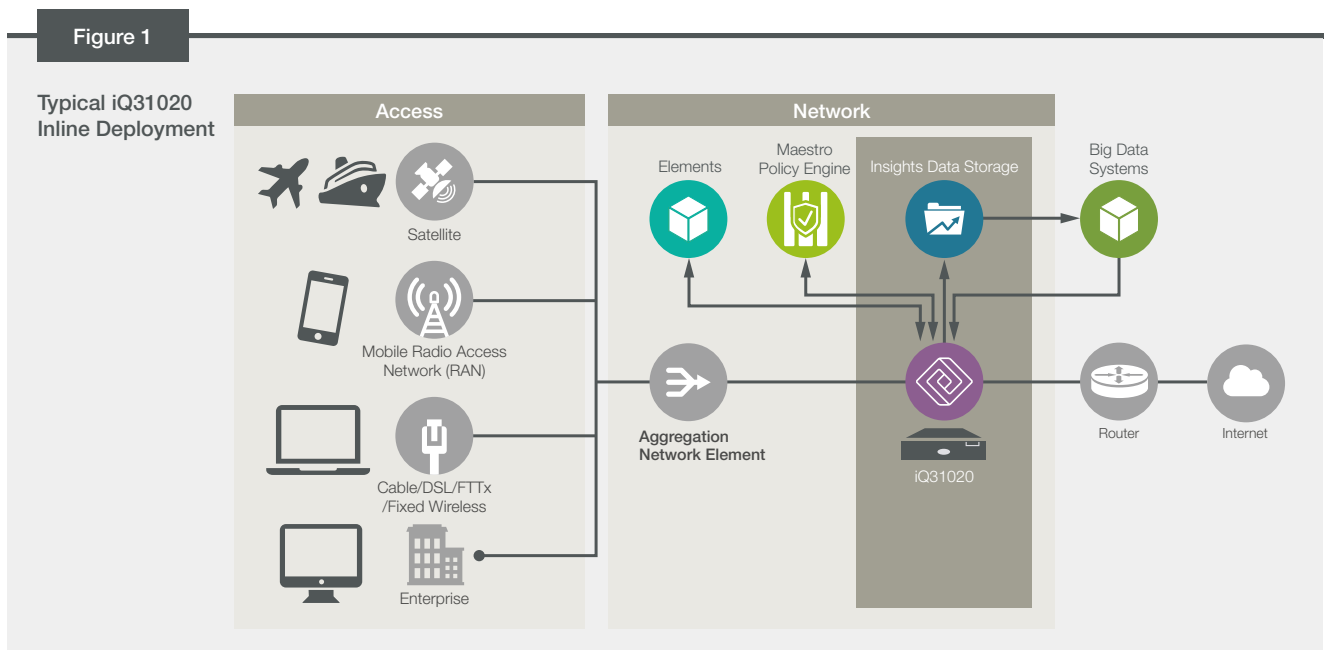
This is a high performance 1RU appliance offering up to 20 Gbps of throughput, accessible through fixed networking ports. The iQ1020 platform can be configured to support a broad range of use cases enabled by Sandvine across multiple solution areas.

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 Traffic Channels	Base Platform: 2 x 10G SFP+ 3 x 1000BASE-T Add-On Options: Option 1 2 x 10G SFP+ Option 2 2 x 1000BASE-T
Number of Interfaces	Base Platform: 4 x 10G SFP+ 6 x 1000BASE-T Additional Add-On Modules: Option 1 4 x 10G SFP+ Option 2 4 x 1000BASE-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 44.5mm (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'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.



USA
5800 Granite Parkway
Suite 170
Plano, TX 75024
USA

EUROPE
Svärdfiskgatan 4
432 40 Varberg,
Halland
Sweden
T. +46 340.48 38 00

CANADA
410 Albert Street,
Suite 201, Waterloo,
Ontario N2L 3V3,
Canada
T. +1 519.880.2600

ASIA
RMZ Ecoworld,
Building-1, Ground Floor,
East Wing Devarabeesanahalli,
Bellandur, Outer Ring Road,
Bangalore 560103, India
T. +91 80677.43333

Copyright ©2021 Sandvine Corporation. All rights reserved. Any unauthorized reproduction prohibited. All other trademarks are the property of their respective owners.

This documentation, including all documentation incorporated by reference herein such as documentation provided or made available on the Sandvine website, are provided or made accessible "AS IS" and "AS AVAILABLE" and without condition, endorsement, guarantee, representation, or warranty of any kind by Sandvine Corporation and its affiliated companies ("Sandvine"), and Sandvine assumes no responsibility for any typographical, technical, or other inaccuracies, errors, or omissions in this documentation. In order to protect Sandvine proprietary and confidential information and/or trade secrets, this documentation may describe some aspects of Sandvine technology in generalized terms. Sandvine reserves the right to periodically change information that is contained in this documentation; however, Sandvine makes no commitment to provide any such changes, updates, enhancements, or other additions to this documentation to you in a timely manner or at all.