

PacketPortal[®]

Redefines customer, content, and network intelligence



A network operator's goals are clear: develop new revenue streams, reduce operating expenses, and speed up time-to-market—all while delivering the best customer experience possible. However, network traffic levels are skyrocketing and service complexity is growing while the demand for video, voice, and data is relentless. Managing and monitoring content and the customer experience has never been more challenging, and current systems just aren't keeping pace. They are not economical at the network edge, and they do not adequately share data.

The PacketPortal Solution

PacketPortal is a revolutionary software approach to intelligence collection embedded throughout the network. Combined with an open value-creating platform, PacketPortal brings unprecedented scale to reach critical information, delivering intelligence to any business, management, or monitoring application. PacketPortal's unique cloud architecture decouples data collection from management and analysis while seamlessly deploying in existing network elements. PacketPortal now lets you see the network the way your customers experience it. PacketPortal:

- Enhances existing equipment by dramatically reducing the complexity of acquiring critical network information and knowledge
- Enables in-line deployment which eliminates the cost of external equipment and costly overlay networks
- Lets you enhance new and existing applications to improve customer experience and to drive new revenue

PacketPortal-enabled microprobes collect packets from anywhere in the network, including the edge. The microprobe technology examines packets at full-duplex line rate speeds, time-stamps, copies, securely encapsulates them into a results packet, and inserts the packets back into the network for routing—without affecting network performance.

Key Benefits

- Gain unprecedented visibility, enhancing existing applications
- Improve customer experience by proactively monitoring subscribers and applications
- Create new revenue based on advanced insight
- Realize risk-free return on investment

Key Features

- An open software platform, delivering information to troubleshooting, monitoring, management, and business applications
- Intelligence collection seamlessly embedded throughout the network in existing equipment
- Decoupled data collection and management achieves dramatic reach and scale
- Green solutions reduce cost, footprint, and energy consumption

Use Cases

- Triple-play customer experience management, monitoring, and troubleshooting
- Improving LTE performance
- Managed enterprise networks
- Network security and business intelligence data mining
- Customer and service analytics

Enabling Applications

PacketPortal delivers critical information to enhance any monitoring, management, or business application. It provides not just more data, but *the right data at the right time*, fueling applications with *the right intelligence*. The true value of PacketPortal comes from its open platform. Video, voice, data, and mobile monitoring, management, and troubleshooting applications immediately benefit from the rich and pervasive information that PacketPortal provides. PacketPortal enhances both monitoring and analysis applications, improving their effectiveness by providing additional reach, visibility, and intelligence.

A Fast Return on Investment

Expanding visibility, leveraging existing investments, improving your customers' experience, and accelerating new revenue

PacketPortal delivers value immediately, achieving return on investment measured in weeks or months. PacketPortal unlocks previously inaccessible critical customer, content, and network intelligence required to define new services and improve the delivery of existing offers. It lets you minimize support costs with its unparalleled ability to segment problems, and it lets you advance from an inefficient reboot, replace, and repair troubleshooting mode to a more rational approach of diagnose, isolate, and fix. PacketPortal can address issues cost-effectively and reduce mean-time-to-repair to minutes, helping to generate more revenue by retaining and acquiring new customers.

- Open system protects and extends legacy investments
- Integrates with and enhances existing systems
- Extends the usefulness of current applications
- Opens up new revenue-generating services and applications

PacketPortal-Enabled Viavi Applications

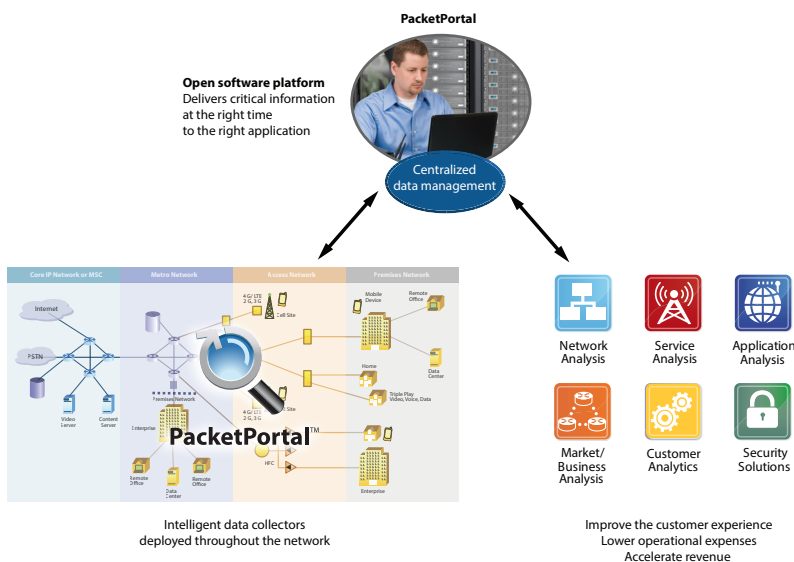
- EtherAssure™ — PacketPortal augments standards-based statistical performance management tools
- xSIGHT™ — PacketPortal contributes transport layer KPIs to enrich xSIGHT CEA
- Network Instruments Observer™ — PacketPortal cost-effectively captures data at all points throughout enterprise networks with non-hierarchical, many-to-many traffic flows

PacketPortal lets you see the network the way your customers experience it:

- Turns a standard SFP into an intelligent microprobe
- Unprecedented reach, visibility, and scale
- Cloud approach to intelligence decoupling data capture from analysis
- Intelligence for any monitoring, management, or business application
- Open platform promotes rapid innovation

The PacketPortal Vision

- Eventually, every piece of network equipment can share information via PacketPortal. And, with this comprehensive, open-source network intelligence, PacketPortal clears the path for adaptive monitoring and truly self-healing networks.



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