



E.C.I.NETWORKS

Open Visibility

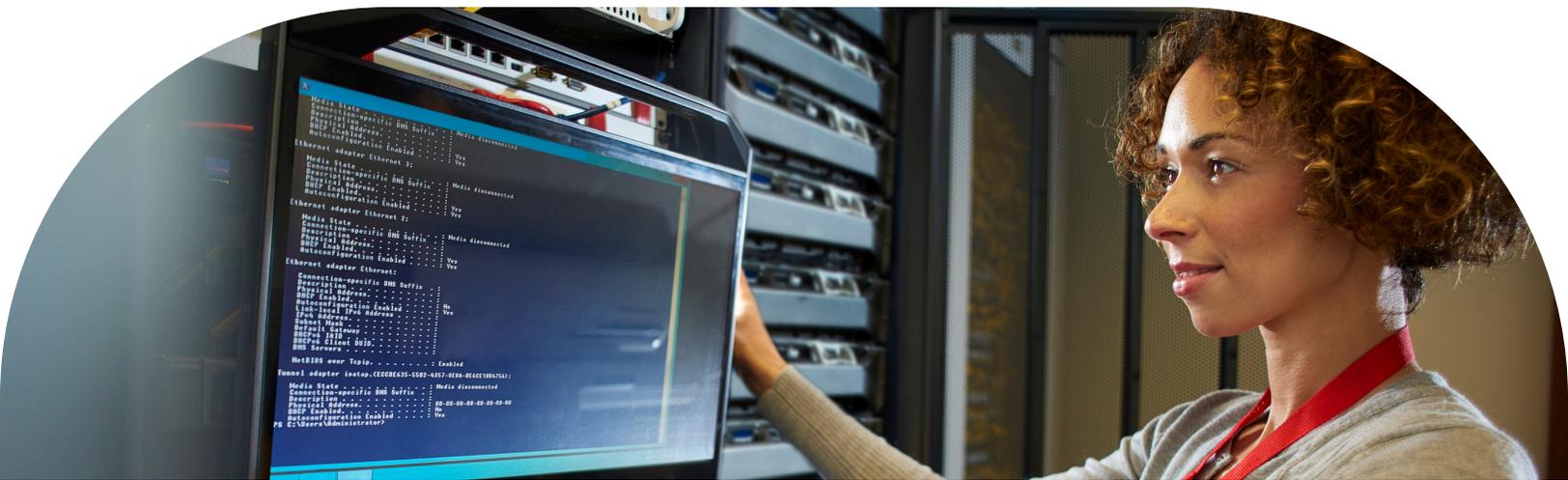
Don't play hide and seek with your network.



Why visibility is important for your network

This year alone, our industry has seen over a thousand data breaches, affecting the personal data of more than 100 million people worldwide. As network managers, it's no longer a question of if we'll experience a cybersecurity breach, but when.

In addition to security concerns, businesses continue to face performance issues with their critical applications, making it increasingly difficult to monitor who is on the network as well as when, where, and what they're accessing. The need to monitor network traffic is clear but with so many options available, many IT organizations are overwhelmed and hesitant as to which solution is best suited for them.



Challenges in acquiring new monitoring platforms

Before acquiring new monitoring platforms, it's essential to leverage existing tools effectively. Since every monitoring tool needs access to network traffic, two main challenges arise:

Multiple Monitoring Points: Monitoring needs to happen at various points, including client, network infrastructure, edge, data center, and cloud. The question is how to efficiently route all this data to a single monitoring system.

Limited Span Ports: Multiple monitoring tools often compete for limited span or mirror ports, especially on core switches that might only support one or two of these ports. This competition restricts how many tools can access the necessary traffic.

To address these challenges and maximize tool efficiency, implementing a packet broker is the best solution.



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What is a Packet Broker?

A packet broker sits between the network infrastructure and your monitoring tools, acting as a visibility layer. It collects traffic from network taps or span ports and then intelligently routes it to the appropriate tools based on their needs.

Key features:

Traffic aggregation	Load balancing	Slicing packet sizes
Traffic replication	Traffic filtering	Traffic deduplication

With a Packet Broker, you can send the right packets to the right tools, improving both security and performance monitoring. By leveraging this solution you can maximize your existing tools, make informed decisions about future acquisitions and better protect and monitor your network.

What is a Disaggregated & Open Packet Broker?

Much like the switches and routers from which they collect traffic, traditional network packet brokers have been locked-in systems. The networking industry is evolving and so is the packet broker industry. Disaggregated Open Packet Brokers are designed to accelerate the deployment of management, monitoring, and security tools, eliminate blind spots in conventional architectures, and provide high-scale, multi-speed support, a comprehensive feature set, and a competitive total cost of ownership (TCO).



Our PacketMaestro Solution

E.C.I. NETWORKS' PacketMaestro solution is a disaggregated packet broker that runs on off-the-shelf, open network hardware providing our customers with increased flexibility and affordability.

By addressing the limitations of traditional monitoring approaches, such as insufficient ports and data redundancy, PacketMaestro ensures proper data aggregation, optimized tool performance during network upgrades, and accurate insights.

Learn more about our visibility solutions:

[Book a Demo](#)

 sales@ecin.ca

 www.ecin.ca

 1-800-967-1672

