PICO | SENSOR
Corvil Analytics

Packet-Level Visibility and Analytics in Virtual Environments

Visibility gaps in complex infrastructures threaten service assurance. Business transactions and workloads increasingly operate across a complex mix of virtualized data centers, distributed colocation facilities, remote offices and desktops.

Rapid, Self-Attaching Deployment

Lightweight CPU and Memory Footprint Workflows

Eliminate Blind Spots

Cost Effective Instrumentation (No Packet Broker Required)

Accurate Timestamping Before Packet Forwarding

Kernel Bypass Support for High-Performance Systems with Solarflare

Reliable Packet Capture and Delivery

Future Proofed Against Cloud Migration

Assuring user experiences across those complex environments requires more visibility from more locations across the network. However, the packet-level analysis required by IT teams is increasingly difficult to obtain from those infrastructures.

Corvil Sensor extends packet-level visibility to a wide variety of environments without physical appliances and without packet brokers. Architected for deployment flexibility, the lightweight agent is pre-configured and packaged for automated deployment in virtual servers and desktops within seconds. Corvil Sensor automatically registers and streams selected network data to the Corvil Analytics platform. The result is seamless visibility, analysis and operational workflows for managing performance.

USE CASES

- Remote site instrumentation
- Service assurance analysis on workstations
- East-west traffic analysis in virtual environments
- Intra-host component visibility
- Hybrid cloud infrastructure monitoring and migration
- Distributed facility instrumentation

SOLUTION

The simple to deploy and manage Sensor provides visibility between components with a low latency solution supporting Solarflare Kernel Bypass

Learn more **www.pico.net**
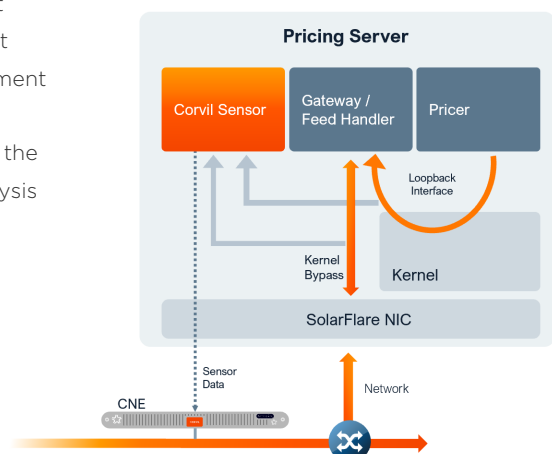
CLIENT USE CASE

**CHALLENGE** - Network Blind Spots and Long Troubleshooting Cycles

- Bank's enterprise data network is undergoing a game-changing transformation. Everything must be software defined as part of a stated multi-year transformation objective for shared services.

- Last year, a Severity 1 outage at Bank highlighted the inability to obtain packet captures from strategic points within the enterprise network.

- Bank desires to simplify the process to obtain packet Captures (PCAPs) on the network. A unified cloud-based "agent-on-demand" approach is highly desired.

SOLUTION – 10G/40G/100G Appliances with Software Sensors and Application Visibility as a Software License Upgrade

- Bank has made a strategic decision to expand the use of Corvil as part of its new Software-Defined enterprise network analytics solution.

- Bank currently relies upon Corvil for Network and trading analytics in its critical low-latency network.

- The replacement project will improve enterprise network troubleshooting workflow using Corvil's on-demand Packet Capture, Network Analytics and Software-Defined Sniffer ("Sensor").

Agile and Flexible Deployment

Lightweight agent deploys in seconds anywhere across a complex mix of remote, virtual, hybrid cloud, and physical infrastructure.
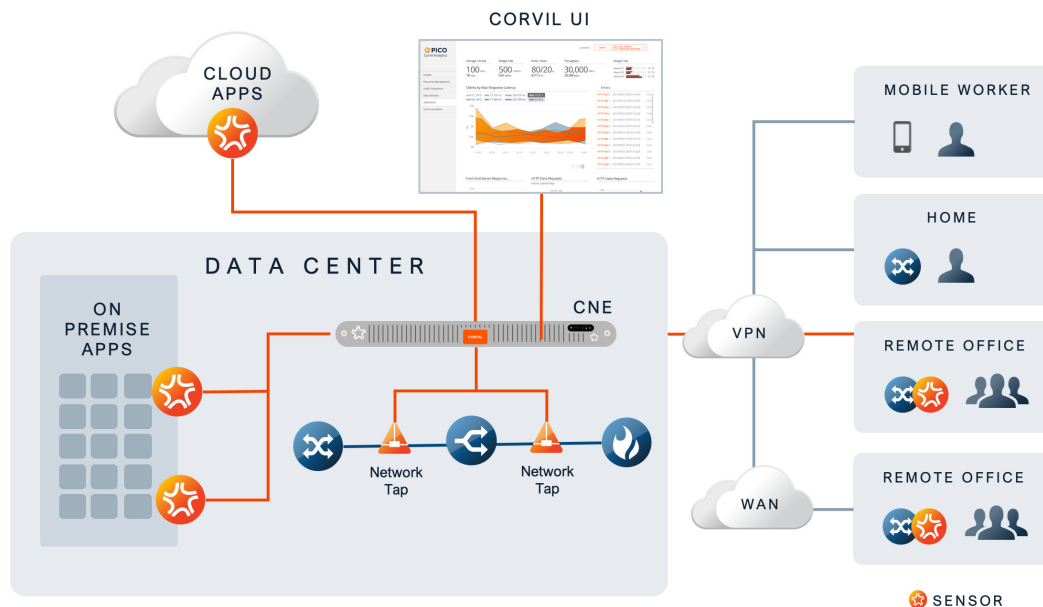
BENEFITS

Seamless Visibility

Obtain the same level of granular L2-L7 visibility across remote, virtual, and physical environments.

Lower Mean Time Repair

Simplify troubleshooting with immediate visibility into individual application transactions, types of database queries, performance metrics, etc..

Increased User Productivity

Analyze user experience leveraging packets streamed live from the user's desktop.

Cost Effective Scalability

Delivers zero cost instrumentation of network data in public cloud, private cloud and virtualized data centers.

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