

Solera Networks
Virtual Appliances
Solera V2P Tap™



Most organizations today have already invested substantial time, money, and training for solutions that monitor their network's security and performance at the physical level. However, these solutions, such as firewalls, intrusion detection and prevention devices, antivirus, and data loss prevention tools, have been unable to provide the same functionality in a virtualized environment because of their inability to monitor traffic between virtual servers operating inside physical servers. This has led to the need for another, duplicate investment in time, energy and money into "virtual" versions of all of these security devices and processes—until now.

Solera V2P Tap

FEATURES

- Capture and regenerate VMware ESX Server virtual switch traffic
- Easy-to-use web-based management console
- Complete data capture including packet header and full payload

SPECIFICATIONS

- VMware ESX Server 3.5 running on supported hardware platform
- 4 Gigabytes of available datastore
- 3 physical network adapters
- VMware Infrastructure Client (VI Client)

Deliver Virtual Network Traffic to Physical Network Security Devices

The Solera V2P Tap allows organizations to leverage their existing security and analysis tools to protect their virtual environment, including intrusion detection and prevention systems (IDS/IPS) and other security tools to analyze traffic between virtual machines. Although the traffic is originating in the virtual infrastructure, it appears identical to any other network traffic, and can therefore be analyzed using existing frameworks.

The Solera Networks virtual tap also runs very efficiently, with minimal CPU utilization, which is important in virtual environments where the objective is to get the most out of processor capacity and minimize hardware cost.

The Solera V2P Tap is a VMware™ virtual appliance that passively captures network traffic flowing through an ESX Server virtual switch. The Solera V2P Tap then regenerates that traffic to any physical port, and then onto the physical wire, for complete visibility into the traffic and analysis by any existing security or management tool for in-depth monitoring or analysis.

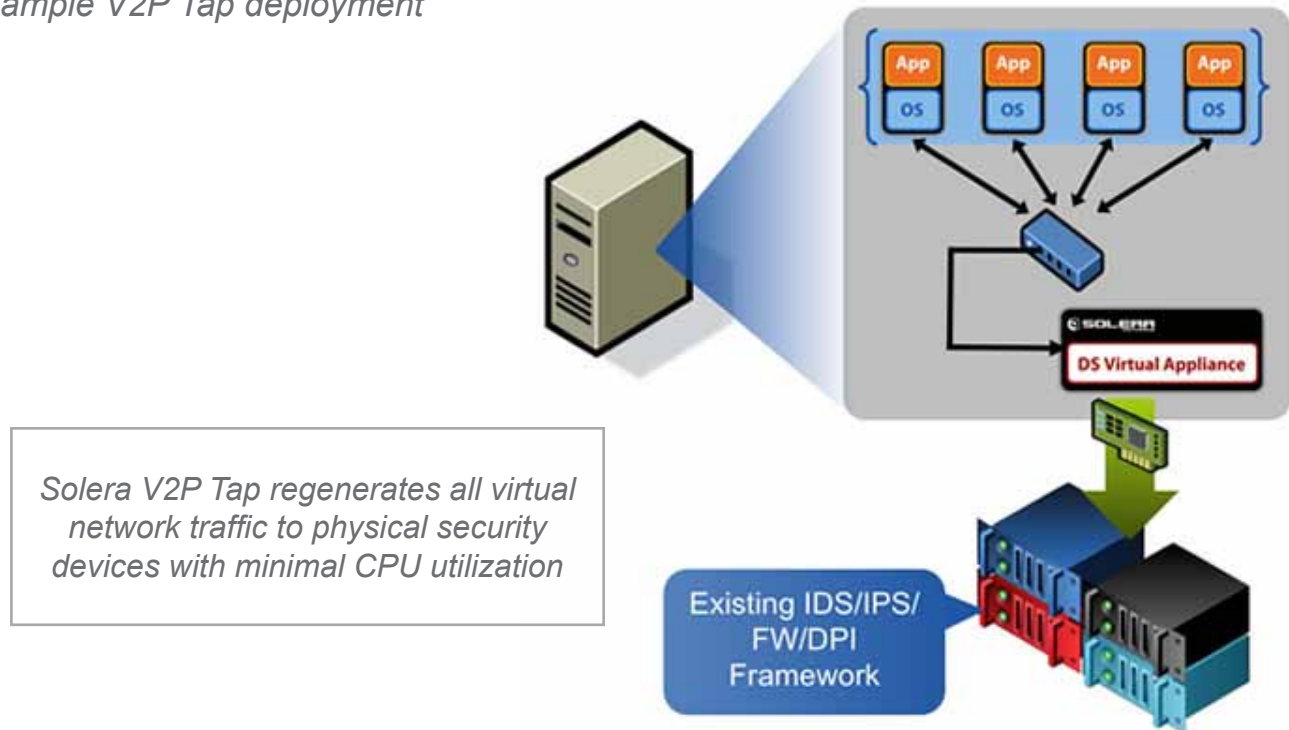
The ability of the Solera V2P Tap to capture and deliver traffic from the virtual environment to existing security tools allows organizations to save time, money, training resources, and overhead, providing comprehensive, consistent security to all segments of the network.

SOLERA NETWORKS—SEE EVERYTHING. KNOW EVERYTHING.

virtualized by



Sample V2P Tap deployment



BENEFITS OF THE SOLERA V2P TAP

SEE ALL OF YOUR VIRTUAL NETWORK TRAFFIC

Eliminate the guesswork of what is actually happening in your virtual network environment.

MAINTAIN CONSISTENT SECURITY POLICIES AND PROCEDURES

Protect the virtual network using the same methods and tools used to protect the physical network.

SAVE TIME AND MONEY

Leverage substantial investment in existing firewall, anti-virus, intrusion detection and prevention systems, or any other network security tool, with minimal physical host resource consumption.

ROOT CAUSE DISCOVERY FOR:

NETWORK SECURITY

Fortify IDS/IPS toolsets
Enforce network policies
Identify & record data leakage

NETWORK MANAGEMENT

Reduce time to resolution
Analyze all your traffic
Reduce inline risk

COMPLIANCE

Zero network impact
Plug and play compliance
Compatible with any LEA request

FORENSICS

See everything, record everything, and playback everything on the network.

Contact Solera Networks to see how comprehensive packet capture and playback will make your company more aware, more compliant and more secure.

A free beta version of the V2P Tap is available at:

www.soleranetworks.com

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