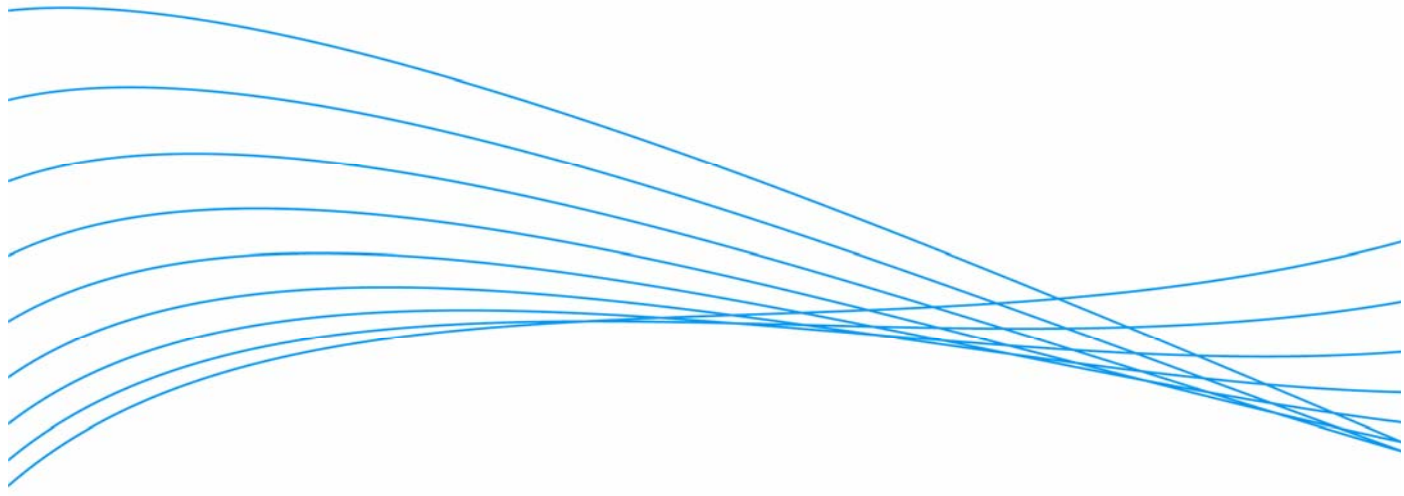


ProCurve and InMon



sFlow® Solution Brief



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Introduction

InMon's sFlowTrend and Traffic Sentinel products provide ProCurve customers with a detailed, real-time view of activity throughout their ProCurve network; reducing network downtime, improving security and ensuring a high quality of service.

As networks converge, problems in any part of the network can have far reaching impact on critical services and resources. It is an enormous challenge for network managers to identify and correct problems without the clear information about the source and scope of the problem.

Industry standard sFlow[®] traffic monitoring is built into the hardware of each ProCurve switch, allowing network management applications to obtain a detailed, real-time picture of network traffic. InMon's traffic management applications automatically discover and configure sFlow monitoring throughout the network to deliver a clear, actionable picture of network health.

Customer Value

Network operators no longer need to "fly blind". Complete information provided by InMon's traffic management products eliminates guesswork, reduces downtime and ensures the efficient operation of network services.

Today's Environment

Network Convergence

All business functions are becoming reliant on a common networking infrastructure; voice, video, email, storage and web services share the same network and any network problems can have a disastrous impact on the operation the business.

Security

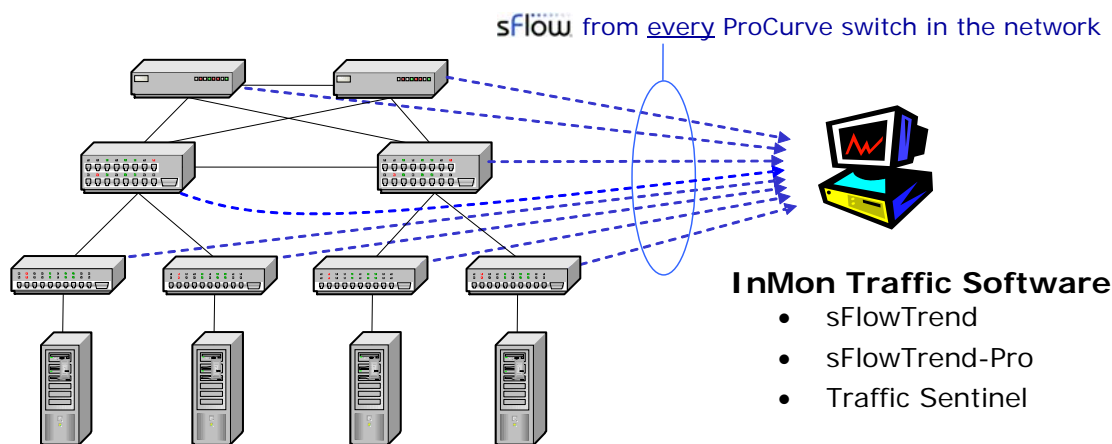
Confidential information is exchanged over the network with employees and business partners. Any threat to the availability or security of the network can have severe financial consequences, impacting productivity and revenue and creating legal liabilities.

Complexity

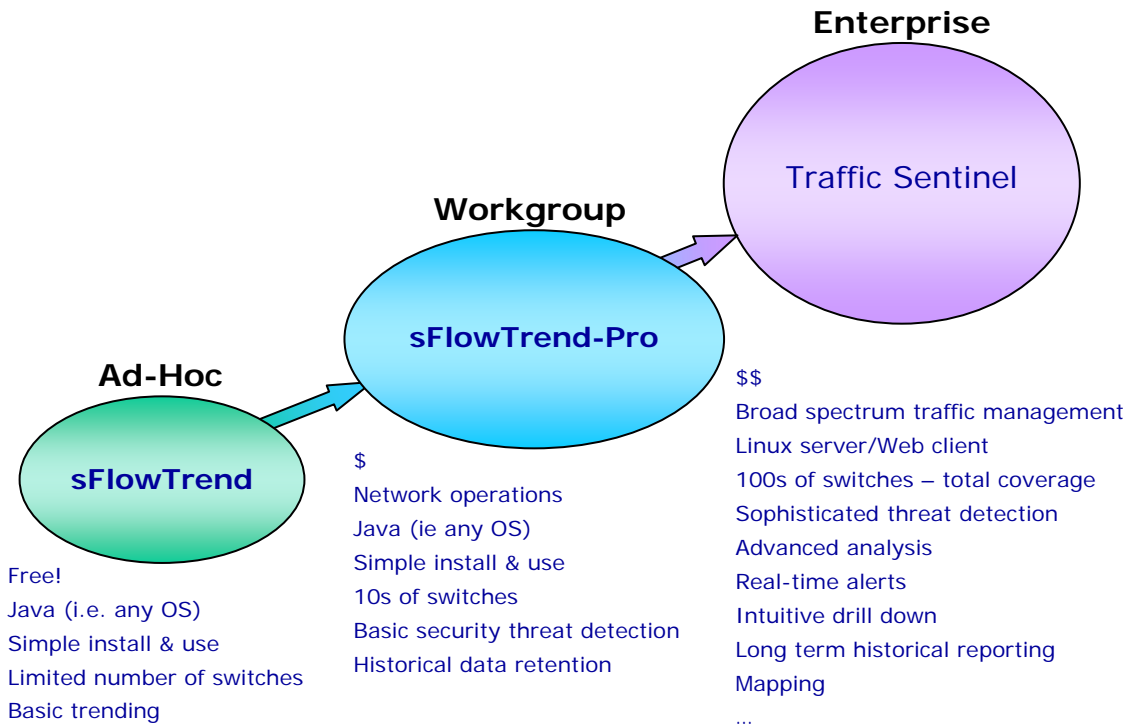
Networks have become too large, too complex and too important to manage by guesswork. Lack of information about activity on the network frustrates efforts to provide effective, proactive management.

ProCurve/InMon Solution

InMon and ProCurve have partnered to deliver industry leading traffic management solutions. ProCurve has incorporated hardware-based sFlow monitoring throughout the product line, providing true end-to-end monitoring of network traffic. Most recently InMon and ProCurve worked together to develop wireless sFlow, extending network visibility into wireless networks.



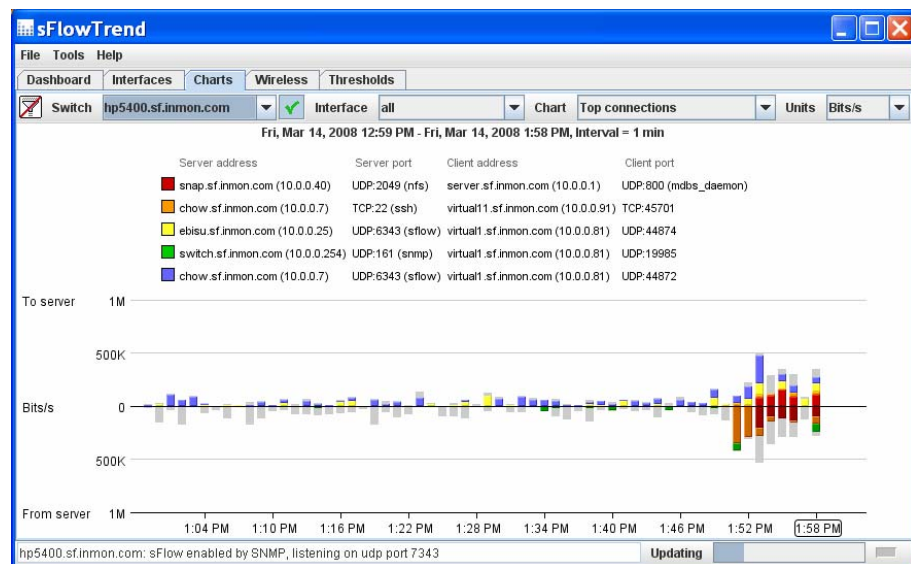
InMon's traffic management applications automatically discover and configure sFlow monitoring throughout a ProCurve network; ensuring the rapid identification and resolution of any threat to the network.



InMon offers a full spectrum of solutions, ranging from sFlowTrend, a free troubleshooting tool, through to Traffic Sentinel, an enterprise class solution that can monitor the largest of networks.

sFlowTrend

sFlowTrend is a great way to try out the sFlow monitoring capabilities of your ProCurve switch. sFlowTrend is free and installation is easily - just visit sflowtrend.com. Within minutes you will be looking at real-time displays of the top users and applications consuming network bandwidth.

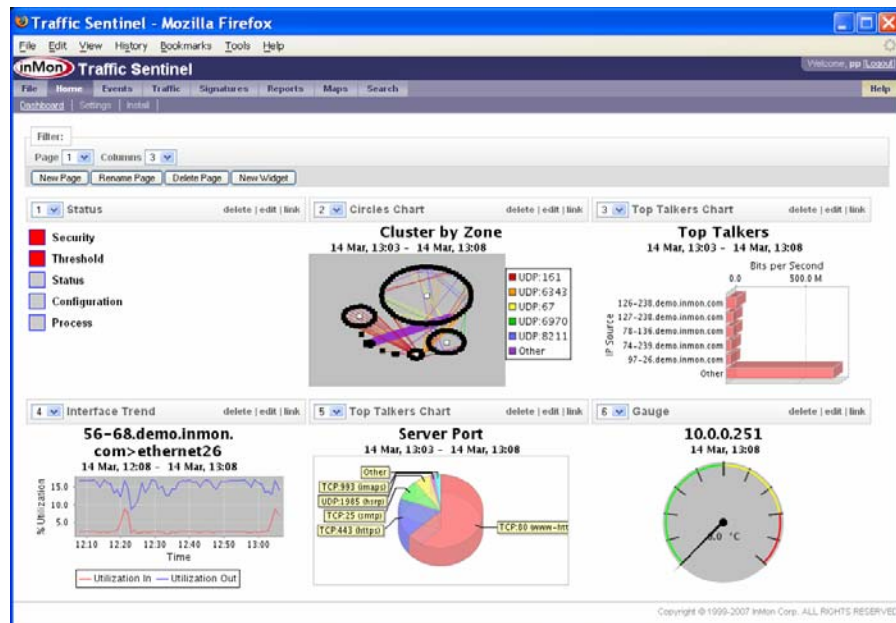


sFlowTrend-Pro

Building on the capabilities of sFlowTrend, sFlowTrend-Pro can simultaneously monitor tens of switches to provide a network-wide view of traffic. sFlowTrend-Pro is a cost effective traffic management solution for smaller networks. Download a free evaluation at sflowtrend-pro.com.

Traffic Sentinel

Traffic Sentinel is an enterprise class product, providing network wide coverage of even the largest network. Continuously monitoring tens of thousands of switch ports to identify and diagnose network problems.



Customizable reporting and an extensive traffic database allow a wide variety of network tasks to be addressed, including: inventory management, anomaly detection, traffic accounting and usage policy enforcement. Traffic Sentinel can be integrated with ProCurve Manager Plus to provide automated enforcement of usage policies.

Find out more and request a free evaluation at trafficsentinel.com.

Key Features/Benefits

Reduce Downtime

“The network is slow” is one of the hardest complaints for a network manager to deal with. Hours or days can be spent trying to isolate intermittent performance problems that may affect large numbers of network users.

Detailed, network-wide, traffic monitoring rapidly identifies the root cause of problems wherever they may be. Continuous monitoring ensures provides an early warning for many types of problems, allowing proactive measures to be taken before network services are affected.

Improve Security

Network-wide surveillance deters bad behavior and ensures that security policies can be enforced.

The scope and impact of security problems can be quickly assessed; continuous traffic monitoring provides an independent record of activity that complements other security measures, providing security in depth.

Lower Total Cost of Ownership

ProCurve/InMon traffic management solutions provide better coverage at a fraction of the cost of alternative schemes. ProCurve switches build in monitoring that would otherwise require expensive probes. The scalability of sFlow and InMon’s traffic management applications eliminate the complexity and cost of multi-tiered collector/analyzer alternatives.

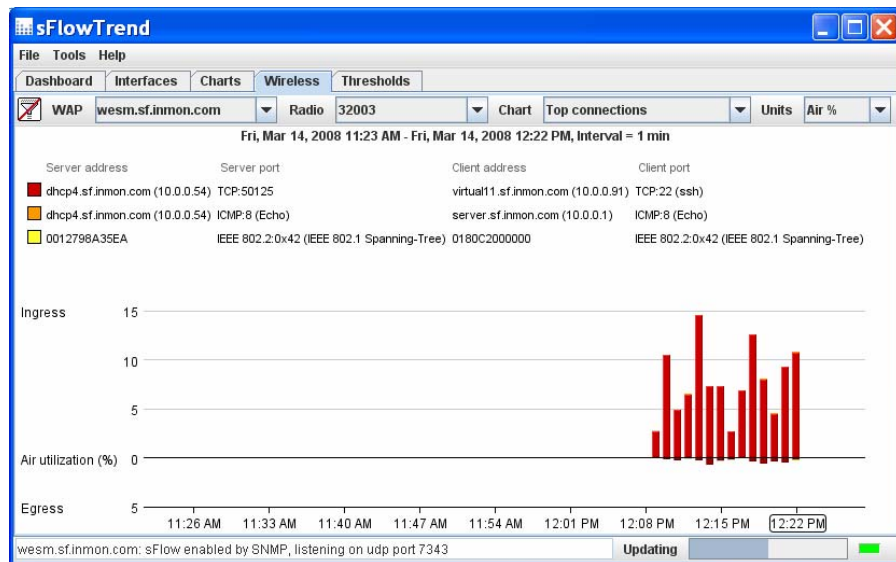
Traffic management increases the effectiveness of network managers, providing the detailed information needed to fully exploit the advanced security and traffic shaping capabilities of ProCurve switches; eliminating unwanted traffic and prioritizing mission critical services.

Joint success stories

Here are some examples of how ProCurve and InMon provide solutions that help real businesses to solve real problems and thereby gain a business advantage.

Managing a ProCurve Wireless Network – St. Francis High School

ProCurve and InMon Corporation jointly developed the wireless extensions for sFlow, extending the benefits of sFlow monitoring into wireless networks.



“We are excited about the benefits that wireless sFlow can bring to St. Francis High School for our wireless deployment,” said Larry Steinke, director of technology for St. Francis High School in Mountain View, California. “The sFlow tools for troubleshooting, network visibility and the detection of wireless-specific security threats will be key advantages in our mobility program and development.”

Managing a Large Campus Network – University of Utah Health Science Center
 InMon’s Traffic Sentinel is a proven solution for the largest networks. InMon has hundreds of customers throughout the world. Our traffic monitoring technology is used in a variety of sectors, including Enterprise, Service Provider, Education, Healthcare, Government and Media.

“The InMon Traffic Sentinel is the first Network Management tool that I have seen that gives us so much useful data. We monitor over 10,000 ports on a single server and we love it. When a user complains of slowness we can immediately identify which user is causing the problem. Traffic Sentinel is the only way to monitor a switched environment,” said Jason Traeden, Network Engineer, University of Utah Health Science Center.

Managing Bandwidth – City College, San Francisco
 Bandwidth hogging applications such as YouTube and peer-to-peer file sharing can pose significant challenges if left unmanaged. InMon offers the visibility into network activity needed to take effective control and ensure a high quality of service for critical network traffic.

“I’ve got to say that we are using Traffic Sentinel every day and are amazed at how much insight it gives into the *actual* use of our network,” said Glen Van Lehn, Network Engineer, City College San Francisco.

Supported Devices

The key to network visibility is the built-in traffic monitoring capabilities of HP ProCurve switches.

The following switches support the sFlow standard:

- ProCurve 2610 series
- ProCurve 2800 series
- ProCurve 3400cl series
- ProCurve 3500yl series
- ProCurve 4200vl series
- ProCurve 5300xl series
- ProCurve 5400zl series
- ProCurve 6200yl series
- ProCurve 6400cl series
- ProCurve 8212zl

- ProCurve 9300m series
- ProCurve Routing Switch 9408sl
- ProCurve Wireless Edge Services xl Module
- ProCurve Wireless Edge Services zl Module
- ProCurve Access Point 530

Visit www.InMon.com for a complete list of supported products.

For more information

ProCurve Networking product overviews:

- <http://www.hp.com/rnd/products/index.htm>

ProCurve Networking convergence solutions:

- www.hp.com/rnd/solutions/convergence.htm

ProCurve Networking Design Center

- www.hp.com/rnd/design_center/index.htm

White papers:

- www.hp.com/rnd/library/whitepapers.htm (ProCurve Networking)

InMon Corporate Site:

- www.InMon.com

InMon Demo Site:

- <http://demo.inmon.com/>

sFlow Industry Consortium

- <http://www.sflow.org/>

To find out more about
ProCurve Networking
products and solutions,
visit our Web site at

www.procurve.com

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