



## STEALTHWATCH® FLOWREPLICATOR™

StealthWatch by Lancop<sup>e</sup> is the leading solution for flow-based security, network and application performance monitoring across physical and virtual environments. By leveraging NetFlow™, sFlow® and other flow data from existing routers and switches, StealthWatch provides the network visibility and actionable insight required to troubleshoot a wide range of network and security issues. Combining multiple capabilities into a single platform, StealthWatch cost-effectively streamlines workflows and dramatically reduces the time between problem onset and resolution.



*The StealthWatch FlowReplicator simplifies the collection and distribution of network and security data across the enterprise.*

### Simplify the Collection of Network and Security Data Across the Enterprise

A key component of the StealthWatch System, the StealthWatch FlowReplicator is a high-speed, high-performance appliance that receives essential network and security information from multiple locations, and then forwards it in a single data stream to one or more destinations, such as the StealthWatch Xe FlowCollector™.<sup>1</sup> By aggregating and providing a single, standardized destination for NetFlow, sFlow, Syslog and SNMP information, the FlowReplicator greatly simplifies the integration of multiple types of network and security data within large enterprises.

The FlowReplicator can receive data from any connectionless UDP application, and then retransmit it to multiple destinations, duplicating the data if required.

#### **Key Benefits**

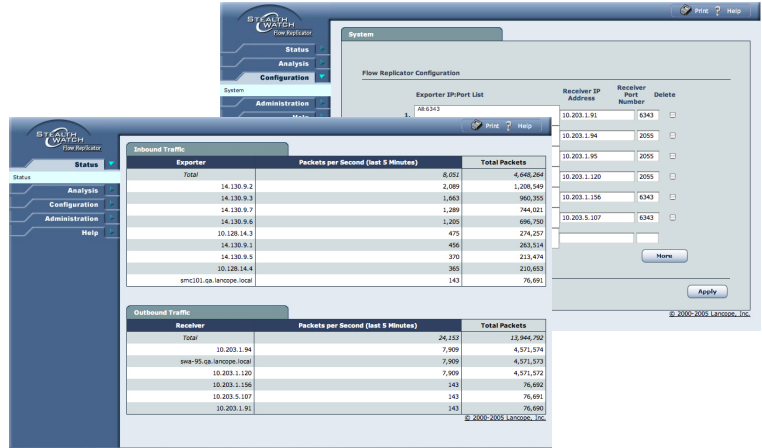
Point log data (NetFlow, sFlow, Syslog, SNMP) to a single destination without the need to reconfigure the infrastructure when new tools are added/removed.

- ▶ Simplify network and security monitoring
- ▶ Ease network device configuration
- ▶ Streamline change management
- ▶ Reduce change management risk

<sup>1</sup> For more information, refer to the StealthWatch Xe FlowCollector data sheet.

## Supports Any Connectionless UDP Application

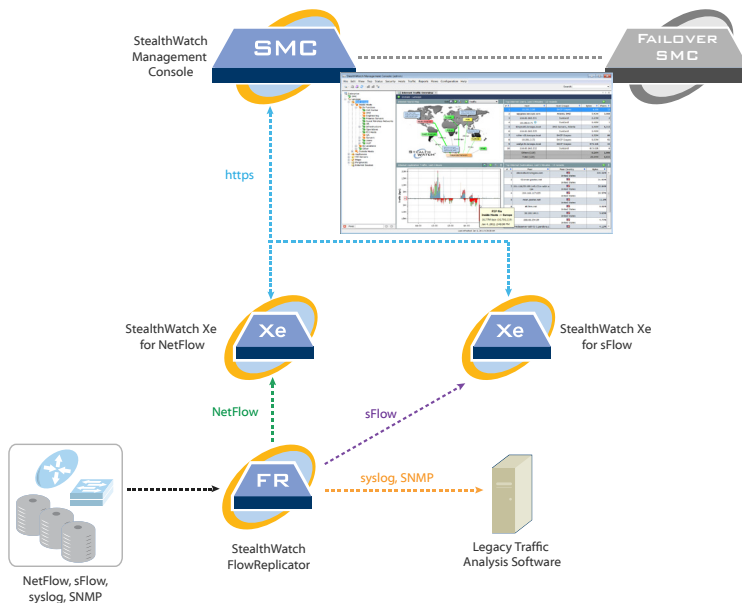
- ▶ NetFlow records sent from multiple routers can be replicated to several different NetFlow collectors, eliminating the need for a multitude of NetFlow destination specifications in the NetFlow exporter configuration.
- ▶ sFlow samples sent from several routers and switches can be replicated to multiple sFlow collectors. As with the NetFlow example, this use removes the need for multiple sFlow destination specifications in the sFlow exporter configuration.
- ▶ Syslog messages can be automatically replicated to multiple Syslog collectors.
- ▶ SNMP traps from routers, switches and other network devices can be automatically collected and distributed to several different SNMP management stations.



Web-based administration and reporting allow for simple management of the FlowReplicator.

## How It Works

Reduce processing power on your NetFlow and sFlow routers and switches by allowing the FlowReplicator to duplicate packets and send to multiple destinations.



As it receives UDP packets from multiple sources, the FlowReplicator aggregates the information into a single data stream. It then modifies the packets to appear as though they came from the original source, and sends the data to multiple destinations. Network and security administrators define the rules by which aggregated information is collected and distributed, based on source IP, destination IP and destination port.

Organizations can choose from two models – the FlowReplicator 1000 and FlowReplicator 2000 – based on their specific network requirements.<sup>2</sup>

To learn more or request a demo, contact [sales@lancope.com](mailto:sales@lancope.com).

## FlowReplicator Product Specifications

	FlowReplicator 1000	FlowReplicator 2000
Packet Replication Rate (input)*	10,000 pps	20,000 pps
Packet Replication Rate (output)*	20,000 pps	60,000 pps
Communications	<ul style="list-style-type: none"> <li>▶ Mgmt. Port – 10/100/1000 copper</li> <li>▶ 1 Monitor/Listening Port</li> </ul>	<ul style="list-style-type: none"> <li>▶ Mgmt./Forwarding Port – 10/100/1000 copper</li> <li>▶ 3 Monitor/Listening Ports</li> <li>▶ Optional: 2 add-on Gigabit optical fiber single-port NICs</li> </ul>
Storage	160 GB, Non-redundant	146 GB, RAID-1, Redundant
Rack Units (mountable)	1U	
Power	Single power supply (250W)	Redundant, hot-swappable (717W)
Heat Dissipation	1039 BTU/hour	2446.5 BTU/hr maximum
Management	Integrated HTTPS Web-UI; Serial and KVM access to CLI	
Operating System	Hardened Linux	
Dimensions	Height: 1.67" (4.24 cm) Width: 17.09" (43.40 cm) Depth: 15.50" (39.37 cm)	Height: 1.68" (4.26 cm) Width: 18.99" (48.24 cm) with rack latches 16.69" (42.4 cm) without rack latches Depth: 30.39" (77.2 cm) with power supplies and bezel 29.02" (73.73 cm) w/o power supplies and bezel
Unit Weight	~17.77 lbs (8.058 kg)	39 lbs (17.69 kg)
Rails	Rack Chassis with Versa Rail, round holes for 3rd-party racks	Sliding Ready Rails with Cable Mgmt. Arm
Temperature	Operating Temperature: 10° to 35°C (50° to 95°F)  Storage Temperature: -40° to 65°C (-40° to 149°F)	Operating Temperature: 10° to 35°C (50° to 95°F) with a maximum temperature gradation of 10°C/hr  <b>NOTE:</b> For altitudes above 2950 ft, the maximum operating temperature is derated 1°F/550 ft.  Storage Temperature: -40° to 65°C (-40° to 149°F) with a maximum temperature gradation of 20°C/hr
Humidity	Operating Relative Humidity: 20% to 80% (noncondensing) with a maximum humidity gradation of 10% per hour Storage Relative Humidity: 5% to 95% (noncondensing)	
Vibration	Operating Maximum Vibration: 0.26 Grms @ 5-350 Hz for 15 min  Storage Maximum Vibration: 1.54 Grms @ 10-250 Hz for 15 min	
Shock	<b>Operating Maximum Shock:</b> One shock pulse in the positive z axis (one pulse on each side of the system) of 31G for 2.6 ms in the operational orientation  <b>Storage Maximum Shock:</b> Six consecutively executed shock pulses in the positive and negative x, y and z axes (one pulse on each side of the system) of 71G for up to 2 ms	<b>Operating Maximum Shock:</b> One shock pulse in the positive z axis (one pulse on each side of the system) of 41G for up to 2 ms  <b>Storage Maximum Shock:</b> Six consecutively executed shock pulses in the positive and negative x, y and z axes (one pulse on each side of the system) of 71G for up to 2 ms
Altitude	Operating Altitude: -16 to 3048 m (-50 to 10,000 ft) Storage Altitude: -16 to 10,600 m (-50 to 35,000 ft)	
Regulatory	<ul style="list-style-type: none"> <li>▶ FCC (U.S. only) Class A</li> <li>▶ DOC (Canada) Class A</li> <li>▶ CE Mark (EN 55022 Class A, EN55024, EN61000-3-2, EN61000-3-3, EN60950)</li> <li>▶ VCCI Class A</li> <li>▶ UL 1950</li> <li>▶ CSA 950</li> </ul>	

\* Packets per second, sustained

## About Lancope, Inc.

Lancope®, Inc. is a leading provider of flow-based monitoring to ensure high-performing and secure networks for global enterprises. Unifying critical network performance and security information for borderless network visibility, Lancope provides actionable insight that reduces the time between problem identification and resolution. Enterprises rely on Lancope to make better network decisions, respond faster to network problem areas and avoid costly outages and downtime — at a fraction of the cost of conventional network monitoring solutions.

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