



# Engineer's Toolset

## 49 Tools to Help You Save the Day!

If your organization is like most, you and your colleagues are expected to have super hero powers that enable a small staff to manage a highly complex network infrastructure comprised of thousands of devices. Packed with 49 powerful tools, Engineer's Toolset delivers the network management, monitoring, and troubleshooting tools you need to easily and effectively manage your infrastructure - all in one extremely affordable package.

### Problems

Depth of capabilities - Network engineers are challenged with not only understanding when network issues occur, but also performing root cause analysis to fix them. Troubleshooting complex network issues requires deep diagnostic and analysis tools.

Versatility - Network engineers wear many hats, and each day represents a different network problem and different associated resolution. Problem resolution on a given day may require several different capabilities.

Ease of use - Network engineers are typically part of small teams of less than 6 people with limited resources and time.

Affordability - Network engineers have limited purchasing authority and do not have the time or patience to wait for multiple levels of purchase order approvals

### Solution

With Engineer's Toolset's powerful network management capabilities, you'll look like a super hero, without having to develop any special powers. Here's a sample of Engineer's Toolset's save-the-day features:

- Monitors and alerts on availability, bandwidth utilization and health for hundreds of network devices
- Provides robust network diagnostics for troubleshooting and quickly resolving complex network issues
- Offers an array of network discovery tools that facilitate IP address management, port mapping and ping sweeps
- Eases management of Cisco® devices with tools for real-time NetFlow analysis, configuration management and router management



For additional information, please contact SolarWinds at 866.530.8100 or e-mail [sales@solarwinds.com](mailto:sales@solarwinds.com).

To locate an international reseller near you, visit [www.solarwinds.com/distributor/locator.html](http://www.solarwinds.com/distributor/locator.html)

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"We have been using SolarWinds' Toolset for several years now. Any network engineer would find it hard to function daily without using at least one utility in the toolset. Among the enhancements to the existing Toolset, the latest version now includes support for Windows Vista, NetFlow and SNMP version 3. It is amazing how much more information I can get by watching the traffic in real time with NetFlow. I am really happy and impressed by the functionality we receive from Toolset year after year."

— Senior Network Engineer, Network Engineering and Support Group in Lakewood, WA



## Most Popular Tools:

### Toolset Launchpad

A quick launching interface that provides immediate access to all 49 power-packed Engineer's Toolset applications - it even enables you to customize tool groupings so that you have easy access to your favorites. The launchpad also provides direct access to various help group functions, as well as to host network configurations, including ipconfig, ARP, DNS, and route information for the local system.

- Reduces time spent looking for the right tool
- Automates frequently used host network information commands

### NetFlow Configurator

An easy-to-use tool for remotely and quickly configuring NetFlow v5 via SNMP on supported Cisco® devices. NetFlow Configurator also facilitates setting up collectors for NetFlow data, specifying the ports on which the collectors are listening, and enabling monitoring of inbound and outbound (ingress/egress) traffic data per interface.

- Provides a significant time savings by eliminating manual configuration of NetFlow
- Makes it easy to get started with collecting and analyzing NetFlow data on your network, even if you are a novice

### NetFlow Realtime Tool

A real-time capture and analysis tool that stores up to one hour of Cisco NetFlow data. It displays inbound and outbound traffic separately for granular analysis and troubleshooting.

- Simplifies troubleshooting of network congestion using NetFlow data
- Enables verification of NetFlow configuration before redirecting to an NMS (e.g., Orion NetFlow Traffic Analyzer)

### IP Address Management

A tool for actively monitoring which IP addresses are in use on your network, including IP address status (available, in use, reserved), DNS name, number of days since the last response, machine type, system name, location, response time, and user-defined comments. IP address status and user-defined comment fields for each address are utilized by many SolarWinds customers for allocating IP addresses before they are used.

- Automates tracking of IP address usage
- Eliminates the need for disjointed, spreadsheet-based management of IP addresses

### TFTP Server

A highly scalable and secure TFTP Server that is now service-based and supports unlimited simultaneous transfers. TFTP Server offers extended option negotiation between client and server, including blocksize, transfer size, and timeout (as specified in RFCs 2347, 2348, 2349). This effectively increases maximum transfer size to 4GB.

- Speeds and facilitates firmware upgrades to network equipment such as routers and switches
- Provides out of the box integration with Toolset's Cisco Config Tools

### SNMP v3 / Shared Credentials Database Support

SNMP v3 support and a common mechanism for storing, retrieving, and updating SNMP v1, v2c, and v3 credentials and/or associated IP Address/hostnames among enabled tools.

- Ensures audit/security requirements are met for using SNMP v3
- Eliminates retyping credentials or hostnames in enabled tools

### Switch Port Mapper

An automated tool for remotely discovering the devices connected to each switch/hub port, including the MAC address, IP address, and hostname of the connected devices as well as details about each port. Reports can be easily exported to Excel®, PDF, CSV, and HTML.

- Saves the countless hours it would take to perform mapping manually
- Makes network documentation easy

### Cisco Config Tools

A collection of Cisco router and switch configuration tools for downloading, modifying, comparing, and uploading device configurations using SolarWinds TFTP Server.

- Enables comparisons for faster diagnosis of router/switch config issues
- Allows for quick backup and recovery of router/switch configs

### IP Network Browser

An interactive network discovery tool that scans an IP address range or a subnet and displays details for discovered devices, including System MIB, ARP table, interfaces, IOS, drives, flash memory, etc.

- Visually discovers all devices in a particular subnet in seconds
- Provides only the real-time data you need as you dynamically browse the network

### Network Performance Monitor

A real-time network monitor that can track network latency, packet loss, availability, traffic, bandwidth utilization, CPU load, memory and disk space utilization. It can also monitor each managed node and interface via SNMP to report when a node reboots or an interface goes down.

- Enables instant alerts on availability, bandwidth utilization, CPU load, memory and disk space utilization on hundreds of network elements
- Supports exporting of charts and reports to CSV, HTML, PDF, Excel, and many other file formats

### Orion-Toolset Integration

Integration with the Orion Web Console enables you to right-click on any network element and contextually launch Toolset applications (e.g., TraceRoute, Ping, IP Network Browser etc.)

- Delivers instant access to the tools required for deeper troubleshooting of network issues
- Eliminates time spent searching for the right diagnostic tool