D-Link
Building Networks for People

Product Highlights

Comprehensive Management

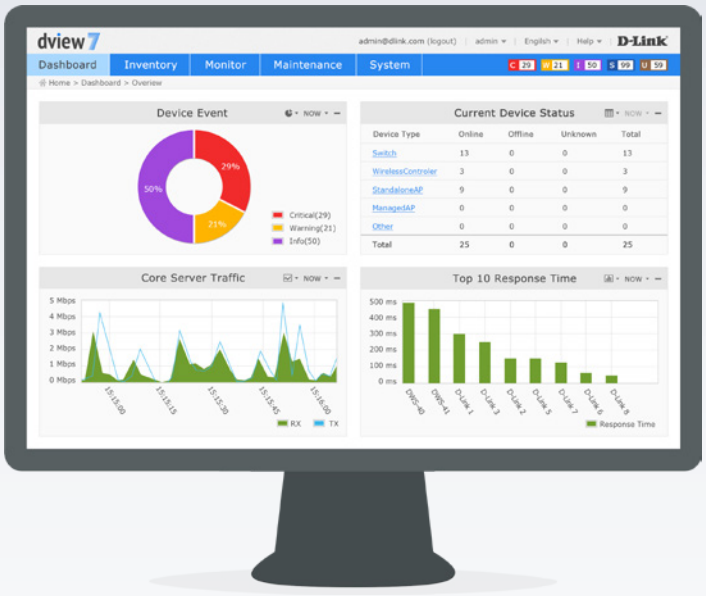
Manage your network effectively with useful tools and features such as Batch Configuration, SNMP, and Flexible command Line Dispatch

Hassle-Free Network Management

Graphical and detailed dashboard provides a centralised and convenient way to manage and monitor your network

Extensive Device Support

Supports a large number of devices including smart and managed switches, unified access points, and wireless controllers, as well as non-D-Link devices



DV-700

D-View 7 Network Management System

Features

Simplify Management Tasks

- Supports SNMP v1, v2c, and v3
- Supports device auto-discovery
- Supports scheduled and periodic task management
- Supports event notification and event escalation
- Supports SNMP trap and syslog collection
- Supports Batch Configuration and is capable of configuring multiple devices at a time

Flexible Architecture

- Designed with a server and probe architecture
- Supports management of devices behind a firewall, NAT, or in remote sites without a VPN

Visualisation

- Easy to understand and configure dashboard
- Customisable chart system for displaying data
- Support auto-generates network topology
- Support real-time device status on topology
- Support real-time device rack and panel simulation

3rd Party Device Support

- Support Smart and Managed Switches, Unified Switches, Unified Access Points, Wireless Controller, Wireless Access Point, etc.
- Support 3rd party device management by MIB Compiler and Browser

The D-View 7 Network Management System is a comprehensive standards-based management tool designed to centrally manage critical network characteristics such as availability, reliability, resilience and security in a consistent way. Flexible and versatile, D-View 7 uses cutting edge web technology to provide a comprehensive software toolbox that can be accessed without the need to install software onto the client.

Flexible Architecture

D-View 7 is organised into a server-probe architecture, which simplifies data collection across complex networks. Monitoring and configuring multiple devices at remote locations, across the Internet, or behind a NAT is no longer an issue with the D-View 7. Remotely deployed probes will automatically tunnel home, allowing for the management of devices that cannot be directly accessed using standard SNMP. When a device is selected for management, D-View 7 probes will relay the command to the devices and then report back its data to the D-View 7 server.

By default, D-View 7 supports 25 nodes and 2 probes. Optional license upgrades are available to purchase to increase the number of nodes or probes supported if or when required.

Simplify Network Management

D-View 7 supports various predefined configuration template which can help users manage multiple devices easily. For complex configuration, D-View 7 also has the ability to deploy CLI scripts across multiple devices simultaneously. This allows D-View 7 to support a wide range of configuration features and virtually any device as long as it supports CLI settings.

With a highly customisable scheduling system, D-View 7 can allow users to assign tasks to be issued in off peak hours or any other planned maintenance time frame. Users can have the peace of mind knowing that routine maintenance task and configurations will be automatically managed and monitored by D-View 7's event notification system. D-View 7 also supports periodic task which can be run daily, weekly, monthly, etc.

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Manage Third-party Devices

Network administrators can customise the SOID and related information of virtually any 3rd party device which lets D-View 7 identify many third party devices and manage them. D-View 7 can then check the health status of those devices, issue CLI commands, and do the standard management and monitoring. Combined with the new D-View 7 graphical dashboard, network administrators can get near real-time feedback on the status of their network.

Enhanced Trap and Syslog Analysis

D-View 7 also functions as a trap and syslog server which can collect all of the trap or syslog data from multiple devices across a network. This gives network administrators a centralised place to collect important data, which can then be searched easily from within D-View 7. The advanced search system lets network administrators set keyword combinations, and generate alarms based on events that are reported in the trap or syslog feature. It can also let network administrators set key works, keyword combinations, and generate alarms based on reported trap or syslog.

Technical Specifications

General		
Architecture	• Supports standard server client web architecture • Supports multi-tenant architecture	• Supports probe design to collect data from remote site without VPN or behind NAT
User Management	• Support read-write and read-only privileges by modules	
Discovery		
Device Discovery	• Support SNMP v1, v2c, v3 scan • Support IPv4 address range scan	• Support smart scan by neighbourhood • Support discover across LAN by probe
Link Discovery	• Support LLDP, FDB based link discovery	
Auto Discovery	• Support periodically discovery with specific time period	
Inventory		
Inventory Management	• Support inventory and devices export	• Support device grouping by labels, a device can belong to multiple labels
Monitoring		
Dashboard	• Support overall system and product summary for wired or wireless devices	• Support customised dashboard

Sensor	• Support following methods to data collection
	  • SNMP
	  • PING	

Topology View	• Support auto-topology generation • Support customised topology generation • Support devices status display • Support link status display • Support different structure of topology (tree type, start type)	• Support multi-layer topology for following views • Support customised background image overlay for following views
Panel View	• Support panel and LED status of switches	• Support panel view with stacking switches

Status Polling	• Support multiple polling methods
	  • Ping
	  • SNMP
		• Support customised polling time for each devices or by group

Event & Notification	• Support customised criteria or threshold to trigger the event based on following rules
	  • Value Match
	  • Keyword Match
	  • Keyword Combination Match
		• Support customised escalation rules
		• Support email notification to defined users

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Configuration		
Device Configuration	• Support pre-defined template to quick config single or multiple devices	• Support script dispatch with variables (such as IP, system name, etc.) defined by each devices
Firmware Upgrade	• Support firmware upgrade for single or multiple devices	
Config Backup / Restore	• Support one-time scheduled config backup for single or multiple devices • Support periodically scheduled config backup for single or multiple devices	• Support config restore by system-stored or user by user-uploaded file for single or multiple devices
Task Management	• Support one-time scheduled task	• Support periodically scheduled task
Minimum System Requirements (Server System)		
CPU	• Dual Core 3.0 GHz or above	
DRAM	• 4 GB or above	
Hard Drive Space	• 120 GB or above	
OS	• Windows 7 64 Bits (Professional Edition or above) • Windows 8 64 Bits (Professional Edition or above) • Windows Server 2008 64 Bits (Standard Edition or above)	• Windows Server 2012 64 Bits (Standard Edition or above) • Only support 64 bits OS, English Version
Minimum System Requirements (Probe System)		
CPU	• Single Core 2.0 GHz or above	
DRAM	• 2 GB or above	
OS	• Windows XP 32 or 64 bits • Windows 7 32 or 64 bits • Windows 8 32 or 64 bits	• Windows Server 2008 32 or 64 bits • Windows Server 2012 32 or 64 bits • Support both 32 or 64 bits OS, English Version
Minimum System Requirements (Client System)		
CPU	• Single Core 2.0 GHz or above	
DRAM	• 2 GB or above	
Browser	• Chrome, Firefox, and IE 10 or above	
Optional Upgrade License		
DV-700-N25-LIC	• D-View 7 License for 25 Nodes	
DV-700-N250-LIC	• D-View 7 License for 250 Nodes	
DV-700-P10-LIC	• D-View 7 License for 10 Probes	

For more information: www.dlink.com

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