

## 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 centralized 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

### Visualization

- Easy to understand and configure dashboard
- Customizable 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 organized 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.

## 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 customizable 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.

## Manage Third-party Devices

Network administrators can customize 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 centralized 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	<ul style="list-style-type: none"> <li>• Supports standard server client web architecture</li> <li>• Supports multi-tenant architecture</li> </ul>	<ul style="list-style-type: none"> <li>• Supports probe design to collect data from remote site without VPN or behind NAT</li> </ul>
User Management	<ul style="list-style-type: none"> <li>• Support read-write and read-only privileges by modules</li> </ul>	
Internationalization	<ul style="list-style-type: none"> <li>• Supported languages: <ul style="list-style-type: none"> <li>• English</li> <li>• Simplified Chinese</li> <li>• Traditional Chinese</li> </ul> </li> </ul>	

### Discovery

Device Discovery	<ul style="list-style-type: none"> <li>• Support SNMP v1, v2c, v3 scan</li> <li>• Support IPv4 address range scan</li> </ul>	<ul style="list-style-type: none"> <li>• Support smart scan by neighborhood</li> <li>• Support discover across LAN by probe</li> </ul>
Link Discovery	<ul style="list-style-type: none"> <li>• Support LLDP, FDB based link discovery</li> </ul>	
Auto Discovery	<ul style="list-style-type: none"> <li>• Support periodically discovery with specific time period</li> </ul>	

### Inventory

Inventory Management	<ul style="list-style-type: none"> <li>• Support inventory and devices export</li> </ul>	<ul style="list-style-type: none"> <li>• Support device grouping by labels, a device can belong to multiple labels</li> </ul>
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### Monitoring

Dashboard	<ul style="list-style-type: none"> <li>• Support overall system and product summary for wired or wireless devices</li> </ul>	<ul style="list-style-type: none"> <li>• Support customized dashboard</li> </ul>
Sensor	<ul style="list-style-type: none"> <li>• Support following methods to data collection <ul style="list-style-type: none"> <li>• SNMP</li> <li>• PING</li> </ul> </li> </ul>	
Topology View	<ul style="list-style-type: none"> <li>• Support auto-topology generation</li> <li>• Support customized topology generation</li> <li>• Support devices status display</li> <li>• Support link status display</li> <li>• Support different structure of topology (tree type, start type)</li> </ul>	<ul style="list-style-type: none"> <li>• Support multi-layer topology for following views</li> <li>• Support customized background image overlay for following views</li> </ul>
Panel View	<ul style="list-style-type: none"> <li>• Support panel and LED status of switches</li> </ul>	<ul style="list-style-type: none"> <li>• Support panel view with stacking switches</li> </ul>
Status Polling	<ul style="list-style-type: none"> <li>• Support multiple polling methods <ul style="list-style-type: none"> <li>• Ping</li> <li>• SNMP</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• Support customized polling time for each devices or by group</li> </ul>
Event & Notification	<ul style="list-style-type: none"> <li>• Support customized criteria or threshold to trigger the event based on following rules <ul style="list-style-type: none"> <li>• Value Match</li> <li>• Keyword Match</li> <li>• Keyword Combination Match</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• Support customized escalation rules</li> <li>• Support email notification to defined users</li> </ul>

# DV-700 D-View 7 Network Management System

Configuration		
Device Configuration	<ul style="list-style-type: none"> <li>Support pre-defined template to quick config single or multiple devices</li> </ul>	<ul style="list-style-type: none"> <li>Support script dispatch with variables (such as IP, system name, etc.) defined by each devices</li> </ul>
Firmware Upgrade	<ul style="list-style-type: none"> <li>Support firmware upgrade for single or multiple devices</li> </ul>	
Config Backup / Restore	<ul style="list-style-type: none"> <li>Support one-time scheduled config backup for single or multiple devices</li> <li>Support periodically scheduled config backup for single or multiple devices</li> </ul>	<ul style="list-style-type: none"> <li>Support config restore by system-stored or user by user-uploaded file for single or multiple devices</li> </ul>
Task Management	<ul style="list-style-type: none"> <li>Support one-time scheduled task</li> </ul>	<ul style="list-style-type: none"> <li>Support periodically scheduled task</li> </ul>
Minimum System Requirements (Server System)		
CPU	<ul style="list-style-type: none"> <li>Dual Core 3.0 GHz or above</li> </ul>	
DRAM	<ul style="list-style-type: none"> <li>4 GB or above</li> </ul>	
Hard Drive Space	<ul style="list-style-type: none"> <li>120 GB or above</li> </ul>	
OS	<ul style="list-style-type: none"> <li>Windows 7 64 Bits (Professional Edition or above)</li> <li>Windows 8 64 Bits (Professional Edition or above)</li> <li>Windows Server 2008 64 Bits (Standard Edition or above)</li> </ul>	<ul style="list-style-type: none"> <li>Windows Server 2012 64 Bits (Standard Edition or above)</li> <li>Only support 64 bits OS, English Version</li> </ul>
Minimum System Requirements (Probe System)		
CPU	<ul style="list-style-type: none"> <li>Single Core 2.0 GHz or above</li> </ul>	
DRAM	<ul style="list-style-type: none"> <li>2 GB or above</li> </ul>	
OS	<ul style="list-style-type: none"> <li>Windows XP 32 or 64 bits</li> <li>Windows 7 32 or 64 bits</li> <li>Windows 8 32 or 64 bits</li> </ul>	<ul style="list-style-type: none"> <li>Windows Server 2008 32 or 64 bits</li> <li>Windows Server 2012 32 or 64 bits</li> <li>Support both 32 or 64 bits OS, English Version</li> </ul>
Minimum System Requirements (Client System)		
CPU	<ul style="list-style-type: none"> <li>Single Core 2.0 GHz or above</li> </ul>	
DRAM	<ul style="list-style-type: none"> <li>2 GB or above</li> </ul>	
Browser	<ul style="list-style-type: none"> <li>Chrome, Firefox, and IE 10 or above</li> </ul>	
Order Information		
<i>Part Number</i>	<i>Description</i>	
DV-700	D-View 7 Network Management System	

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