



## 50 device license and 1 year of Gold Maintenance

- Limited to 1 per customer
- Additional licenses are available for purchase
- Maintenance for years two and beyond may be purchased at the prevailing rates.
- To request, go to:  
[www.DellKVM.com/try-dsview](http://www.DellKVM.com/try-dsview)

# Avocent® DSView™ Management Software Offer for Dell Digital KVM Customers

## This special one-time offer<sup>1</sup> includes:

- Avocent® DSView™ site license limited to 50 devices
- 1 year of Gold Maintenance for this specific 50 device DSView deployment (managed devices or service processors, not appliances)

## Business Challenges

The collaborative mission of IT and Data Center Operations is to support business initiatives. IT and Data Center Operations face overhead and productivity challenges, including:

- Geo-dispersed data centers or branch infrastructure, requiring professional "hands-on".
- Heterogeneously equipped or merger-acquired data centers – inconsistently managed via a patch-work of discrete and/or siloed vendor products.
- Lights Out Data Centers, requiring "hands-on" management within physical isolation.

## Solution Overview

Avocent DSView™ Management Software helps your IT and Data Center Operations teams overcome these challenges by providing secure sessions to remotely locate data center infrastructure controls. Through usage of innovative Avocent Appliances, off-network controls are network enabled for secured web-browser sessions via DSView:

- Keyboard/video/mouse (KVM) controls of a standard server
- Serial Port (Telnet, Putty or proprietary) controls of a server, network, SAN or Rack PDU
- Proprietary connection to Service Processor
- MIB-based controls to infrastructure like Intelligent Rack PDU.

As a stand-alone solution, DSView delivers secured web-browser enabled sessions of on-network infrastructure controls. As an IT integrated solution, DSView delivers secured web-browser enabled sessions to Virtual Machines (VMware, MS Hyper V and Citrix Xen).

As an industry proven secure, remote infrastructure management control solution, DSView has evolved a valued collection of production features, such as:

- Secured, remote management control of data center infrastructure via KVM, serial and service processor for:

- "Hands-on" management and operational state monitoring (device state, power consumption, temperature) in real-time and as a polled device threshold event.
- Control at the physical firmware level for bare metal OS provisioning
- Control at the physical host OS level for application sessions
- Control at the logical VM instance level for virtualized OS and application sessions.
- Standards Based Encryption HTTPS/TLS/AES/SSH; out-of-box integration to enterprise authentication & authorization; session & event logging/reporting.
- Threshold based event notification by site defined requires on device parameters.
- Logical data access bridges between virtual media data sources (software installation, off-site data, etc.) and remotely managed data center infrastructure.
- Hub and spoke solution architecture for disaster resistance, fail-over management and scalable solution deployment across complex data center topology.
- Supports analog and cellular modem based Out Of Band (OOB) access to the data center infrastructure in the event of primary network failure.

To request DSView 50 Device License plus 1 year of Gold Maintenance go to: [www.DellKVM.com/try-dsview](http://www.DellKVM.com/try-dsview)

| Avocent DSView™ Maintenance SKUs For Years Two And Beyond              | MFG PN          |
|--|-----------------|
| 1 Year Gold Maintenance - 1 Hub, 50 Devices                            | SCNT-1YGLD-DELL |
| 2 Year Gold Maintenance - 1 Hub, 50 Devices                            | SCNT-2YGLD-DELL |
| 1 Year Silver Maintenance - 1 Hub, 50 Devices                          | SCNT-1YSLV-DELL |
| 2 Year Silver Maintenance - 1 Hub, 50 Devices                          | SCNT-2YGLD-DELL |
| Avocent DSView License for more than 50 devices**                      | MFG PN          |
| DSView 4.5 software Starter Pack - 1 hub, 1 spoke, 250 managed devices | DSV4.5-START*   |

\*Minimum of 1 year Silver software upgrade protection required on all DSView 4 software & add-on licenses

\*\* Please see your Dell Sales Representative for additional DSView 4 licenses

<sup>1</sup>This special one-time offer waiving the license fees for the site license up to 50 devices and waiving the initial one year maintenance fees is limited to one offer per customer, and is subject to the terms and conditions and additional disclaimer which accompanies the product and this limited offer. Additional licenses and maintenance for years two and beyond may be purchased at the prevailing rates.



## Frequently Asked Questions

### What is included with the Avocent DSView offer for Dell Digital KVM customers?

This offer includes a license for DSView 4.5 for 1 hub and up to 50 managed devices. It also includes 1 year of Gold Maintenance. Maintenance for years two and beyond may be purchased.

### What if we have more than 50 devices to manage?

There are other DSView offerings available for small, medium and large installations. For example, the DSView 4.5 software Starter Pack includes a license to manage up to 250 devices. Your Dell Sales representative can help you get the right license to meet your current needs.

## Specifications for Avocent DSView™ 4.5 Management Software

For a full list of Avocent DSView™ software specifications, requirements and supported hardware please consult [Avocent DSView management software documentation](#).

### Avocent DSView™ software (hub/spoke) minimum requirements

#### Operating System:

- Microsoft Windows Server 2008 (x64), 2012 (x64)
- SuSe Linux Enterprise Server 11(x64), OpenSuse 12.1 (x64)
- RedHat Enterprise Server 6.4 (x64), 6.5 (x64), 7 (x64), CentOS 6.5 (x64), CentOS 7 (x64)
- Sun Solaris SPARC 10

#### Hardware Requirements:

##### Small (<1000 Target Devices)

- Windows/Linux Dedicated Physical or Virtual Server or (ESX/Hyper-V) Virtual Machine (no resource sharing)
- Dedicated processing priority 2+ Ghz
- Dedicated 4 GB RAM
- 40 GB non-expanding HDD
- Sun Server
  - 1 Ghz UltraSparc III
  - 4+ GB RAM
  - 40+ GB HDD
- 10 mbps/100 mbps LAN
- Local database

For Medium (1000-7000 Target Devices) and Large (>7000 Target Devices) hardware requirements please consult [Avocent DSView Software documentation](#).

#### Browser support

- Microsoft Internet Explorer 9, 10 or 11
- Mozilla Firefox® 45.0 ESR (32 bit)
- Google Chrome 50

#### Virtual Machine Support

- VMware ESX server version up to version 6.0
- Microsoft Hyper-V3
- Xen Express, Standard, Enterprise or Platinum versions up to 6.5 (Enterprise and Platinum versions support resource pool, required for XenMotion)

#### Dell branded KVM over IP appliances

- Dell DMPU108E, DMPU2016, DMPU4032, Dell 1082DS, 2162DS, 4322DS

#### Dell Digitally Upgradeable Analog Appliances

- Dell DAV2108, DAV2216, 1081AD, 2161AD\*

\* Appliances can be upgraded to digital with a Dell Remote Access Key (DRAK-Key)

### Avocent KVM over IP Appliances

- Avocent MergePoint Unity™ KVM over IP and serial console switch
- Avocent® Universal Management Gateway 2000/4000/6000 appliance
- Avocent DS1800 digital switches

### Console management appliances

- Avocent® ACS advanced console servers ACS 5000 and ACS 6000 appliances
- Avocent® Universal Management Gateway 2000/4000/6000 appliances
- CPS810 and 1610 serial over IP network appliances

### Power devices

- Power devices are supported on Avocent ACS, Avocent CPS, Avocent CCM appliances and on all Avocent DSR switch and Avocent MergePoint Unity switch that contain one or more SPC ports
- Avocent SPC power control devices
- Avocent PM PDUs: PM 8, PM 10, PM 20, PM 1000, PM 2000 and PM 3000
- Emerson Rack PDUs MPH, MPH2, MPX
- Emerson MPI Intelligent PDU family
- Liebert GXT4 Uninterruptable Power Supply

### Third-party power devices

For the most up to date list of 3rd party power devices supported by DSView 4.5 [please consult Avocent DSView management software documentation](#).

### Service processor managers

- Avocent Universal Management Gateway 2000/4000/6000 appliances
- Dell iDRAC8 v2.30.30.30+ (direct DSView managed vKVM session)
- Generic Appliances

### Supported modems

The following modems and serial PCI cards are supported by the Avocent DSView™ software, provided the modems are supported on the Avocent DSView software server operating system.

- MultiTech MT9234SMI
- Digi Rapidport USB Modem
- US robotics 5686

Note: The modems listed are not supported on Sun Solaris SPARC operating systems.

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