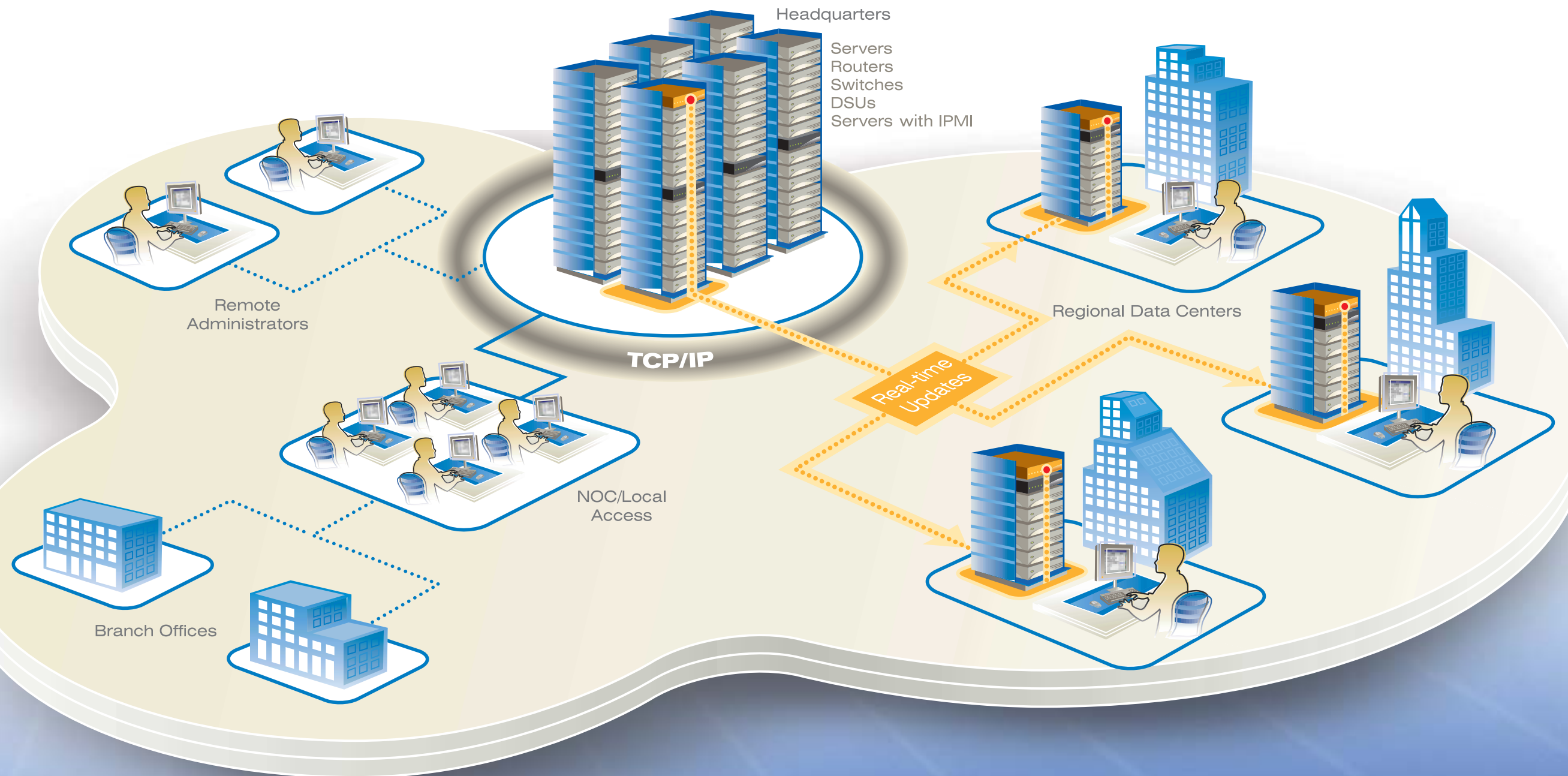# DS Series: The IT Connectivity Solution

Manage your infrastructure with proven, secure control

YOU NEED CONTROL

DSView® 3 management software and the DS Series appliances give you secure browser-based remote access to any server or network device, all from a single interface without leaving your desk.

PREVENTIVE MAINTENANCE
REAL-TIME UPDATES

With DSView 3 software, spoke servers are synchronized in real time to prevent a loss of data in case the primary server suffers a problem or is shut down for routine maintenance.

DISASTER RECOVERY
LOAD BALANCING

You can prepare for disaster recovery or any outage with up to 15 remote mirror spoke servers.

Headquarters

Servers
Routers
Switches
DSUs
Servers with IPMI

Remote
Administrators

TCP/IP

Real-time
Updates

Regional Data Centers
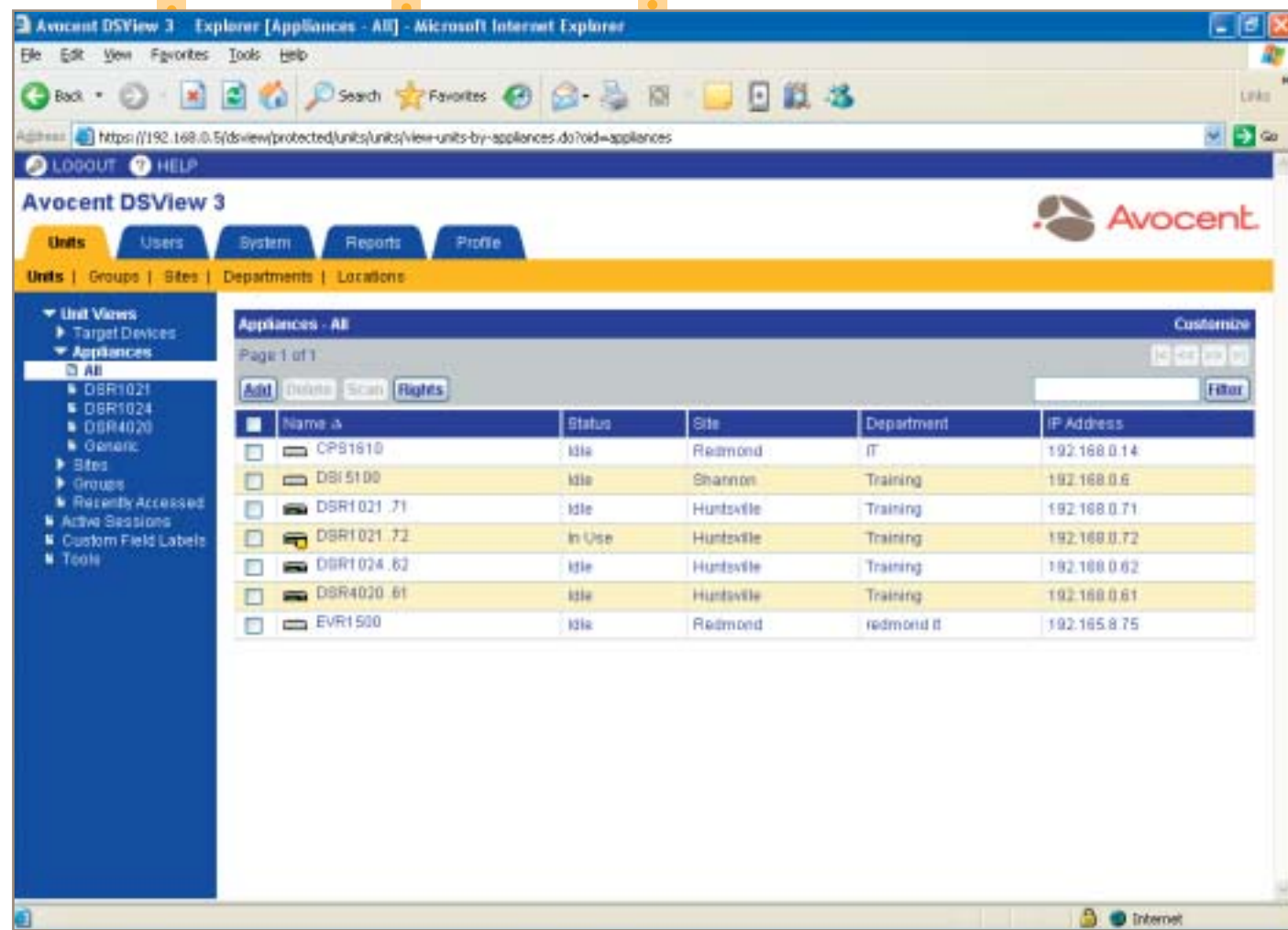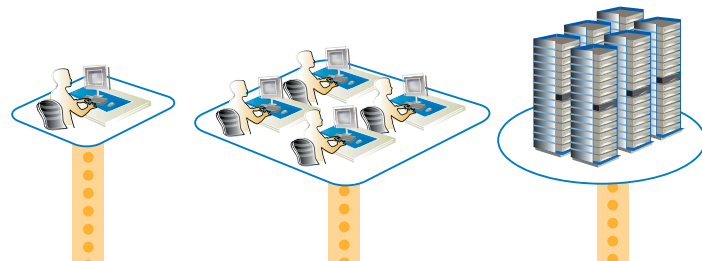
NOC/Local
Access

Branch Offices

The power of DSView 3 software is its hub and spoke architecture – a fully redundant, replicating database system that includes both SNMP and IPMI proxy appliance support. Users securely authenticate to a central management hub server or one of 15 mirror spoke servers if the primary server is unavailable. This allows for real-time updates and load balancing across multiple sites.

WE GIVE YOU CONTROL

DSView 3 management software gives you control over your entire IT infrastructure with KVM, serial and IPMI connectivity solutions – all from a secure browser-based, single interface.

EXPERIENCE MATTERS

The Avocent DS Series is the field-proven solution capable of handling any management issue in your data center, branch office, or regional data center. Here is a snapshot of how we deliver click and connect control.

SERVER MANAGEMENT OVER IP

External Modem Support — Configuration Port — SPC Power Control — Analog Connection for KVM Access

Universal AC Power — 10/100 Ethernet Connection for Digital KVM Access — DSRIQ Server Interface Connection using CAT 5 Technology

The Avocent® DS Series suite of KVM, serial and IPMI connectivity solutions includes more than 12 network appliances all powered by DSView management software. This provides secure browser-based control of all the local and remote servers and devices in your IT infrastructure. Available in 1, 4, 8 and 16-port appliances.

SERIAL MANAGEMENT OVER IP

Universal AC Power — Diagnostic Port

The Avocent CPS and CCM console manager serial connectivity solutions provide secure in-band and out-of-band connections to console ports of servers and serially-managed devices such as network hubs and routers. All are compatible with industry-standard Telnet and SSH clients. Available in 8, 16, and 48-port appliances.

IPMI MANAGEMENT OVER IP

Configuration Port

Universal AC Power — 10/100 Ethernet Connection for IPMI Access

The Avocent DSI5100 IPMI proxy appliance integrates with DSView 3 software for a single interface to securely monitor and control power and system health on IPMI-enabled servers. Emergency control and access through Serial-over-Lan and power control also are centralized in the software, providing a single point for access and control of all systems in your IT network.
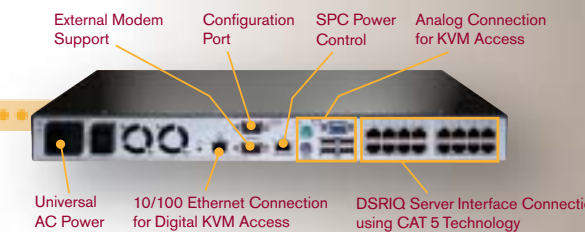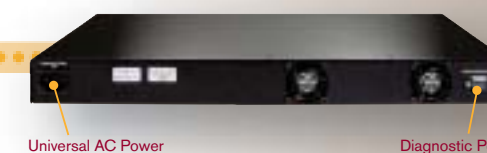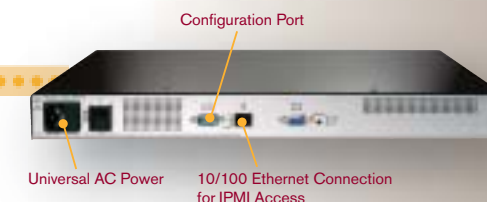
ANYTIME, ANYWHERE - BUT NOT JUST ANYONE

DSView 3 management software lets you lock down access and control, putting your entire IT infrastructure securely at your fingertips. Local data centers. Remote offices. Branch locations. With Avocent, you choose who can control it all.

COMPLEXITY DEMANDS CONTROL

DSView 3 software lets you:
• Tame complexity
• Manage growth
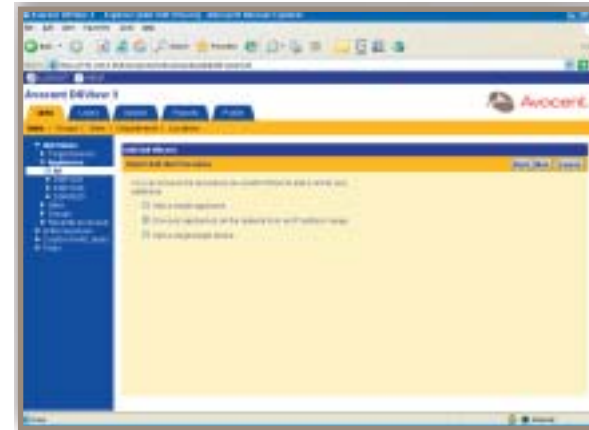• Keep critical systems healthy and available

YOU TAKE COMPLETE CONTROL

DSView 3 management software works with a browser-based interface to give you control of any system in any location – without sacrificing security or performance.

ADVANCED MANAGEMENT TOOLS

MANAGEMENT TOOLS AND WIZARDS ADD SIMPLICITY

▶ True plug and play installation

▶ Auto discover appliances for initial setup, backup/restore

▶ Set permissions and security for each user

▶ Customize views based on user permissions

ADVANCED SECURITY MAINTAINS USER ACCESS & CONTROL

▶ Prevent unauthorized user access with the KVM industry's only exit macros

▶ Secure systems with selectable encryption modes, including video

▶ Authenticate against internal or external databases including LDAP, AD and NT Domain
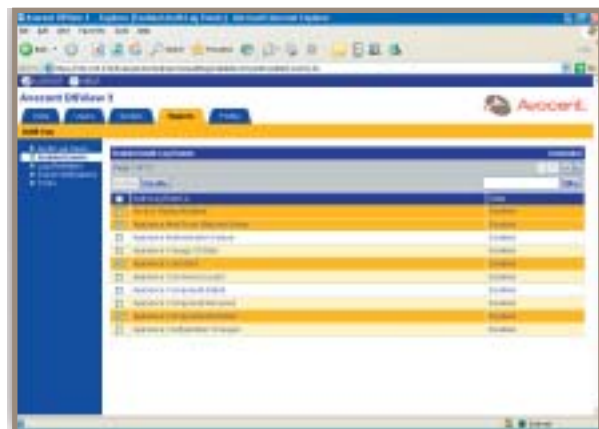
FIELD-PROVEN SECURITY

DETAILED REPORTING SIMPLIFIES AUDITING

▶ Run detailed event logs for auditing and compliance reports

▶ Select advanced reporting interface to report all event data

▶ Customize your view for filtering all daily tasks

YOU CHOOSE WHEN AND HOW TO BE NOTIFIED OF ACTIVITY

▶ Assign email notifications to keep informed of data center activity

▶ Set up pager notifications for quick reaction to important events
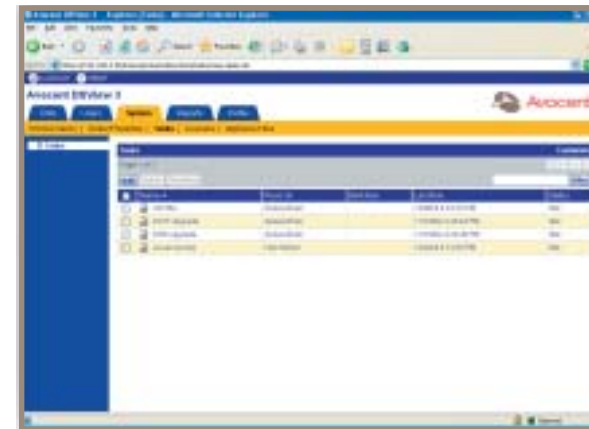
▶ Configure SNMP traps for activity and alerts

SIMPLIFIED SYSTEM MAINTENANCE

CUSTOM NOTIFICATIONS
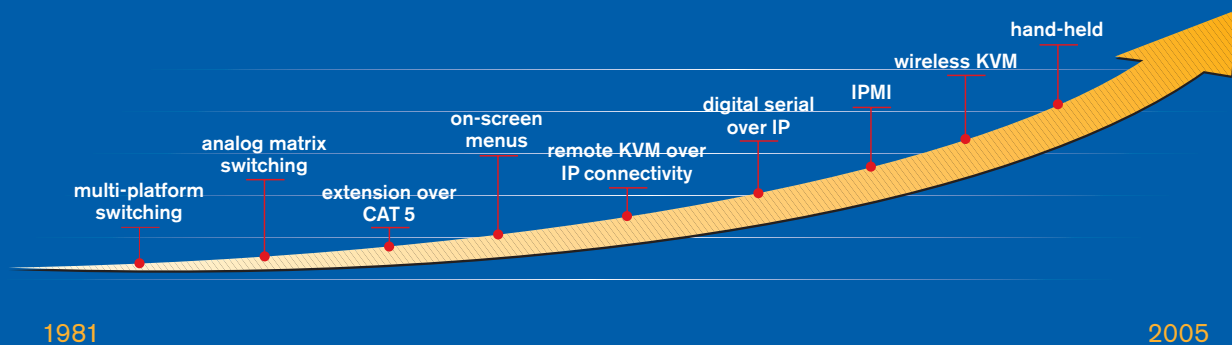
DETAILED REPORTING

SYSTEM MAINTENANCE MADE EASIER

▶ Schedule tasks to ensure events occur daily, weekly, or monthly

▶ Apply automatic updates to all appliances

▶ Control and change appliance settings to install, configure, manage, upgrade and backup/restore

THE POWER OF BEING THERE ®

CONNECTING TO Your IT Infrastructure

Avocent is the inventor of KVM over IP switching systems. For over two decades, Avocent has provided network administrators in every industry with access and control of their servers and network devices. With advanced solutions that allow network administrators to locate, access, monitor, control and manage servers, desktop computers and other network devices, Avocent offers one of the industry's broadest portfolios of connectivity solutions for your growing IT infrastructure.

multi-platform switching
analog matrix switching
extension over CAT 5
on-screen menus
remote KVM over IP connectivity
digital serial over IP
IPMI
wireless KVM
hand-held

1981   2005

Avocent ®

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