

PerleVIEW Device Management System

Enterprise-grade Central Management Software

The screenshot displays the 'Device Details' page for MCR-MS7-100002. The interface includes a navigation sidebar on the left and a main content area with a table of device components.

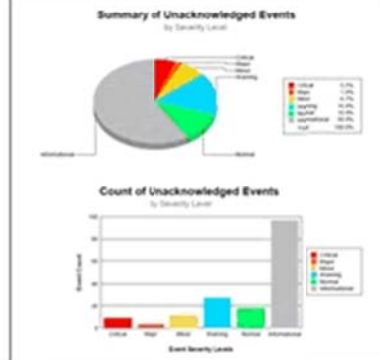
Item	Health	Port	Class	Unit	Port & Unit Type	Name	Model	Description	Stock #	Company Stock
Chassis	Normal	NA	Chassis	1	Chassis	MCR-MS7-100002	MCR-MS7	10 Slot Chassis	100-0000000000	7,300
Power Supply	Normal	NA	Power Supply	1	Power Supply	MCR-MS7-100002	MCR-MS7	AC Power Supply with fan (200W)	100-0000000000	7,300
Media Converter	Normal	NA	Media Converter	1	Media Converter	CM-110-MS7	CM-110-MS7	10/100/1000 Ethernet 10/100/1000	100-0000000000	7,300
Port	Normal	NA	Port	1	Port	MCR-MS7-100002	MCR-MS7	Management WebUI	100-0000000000	7,300
Port	Normal	NA	Port	2	Port	CM-110-MS7	CM-110-MS7	10/100/1000 Ethernet 10/100/1000	100-0000000000	7,300
Port	Normal	NA	Port	3	Port	CM-110-MS7	CM-110-MS7	10/100/1000 Ethernet 10/100/1000	100-0000000000	7,300
Port	Normal	NA	Port	4	Port	CM-110-MS7	CM-110-MS7	10/100/1000 Ethernet 10/100/1000	100-0000000000	7,300
Port	Normal	NA	Port	5	Port	CM-110-MS7	CM-110-MS7	10/100/1000 Ethernet 10/100/1000	100-0000000000	7,300
Port	Normal	NA	Port	6	Port	CM-110-MS7	CM-110-MS7	10/100/1000 Ethernet 10/100/1000	100-0000000000	7,300
Port	Normal	NA	Port	7	Port	CM-110-MS7	CM-110-MS7	10/100/1000 Ethernet 10/100/1000	100-0000000000	7,300
Port	Normal	NA	Port	8	Port	CM-110-MS7	CM-110-MS7	10/100/1000 Ethernet 10/100/1000	100-0000000000	7,300
Port	Normal	NA	Port	9	Port	CM-110-MS7	CM-110-MS7	10/100/1000 Ethernet 10/100/1000	100-0000000000	7,300
Port	Normal	NA	Port	10	Port	CM-110-MS7	CM-110-MS7	10/100/1000 Ethernet 10/100/1000	100-0000000000	7,300
Port	Normal	NA	Port	11	Port	CM-110-MS7	CM-110-MS7	10/100/1000 Ethernet 10/100/1000	100-0000000000	7,300
Port	Normal	NA	Port	12	Port	CM-110-MS7	CM-110-MS7	10/100/1000 Ethernet 10/100/1000	100-0000000000	7,300
Port	Normal	NA	Port	13	Port	CM-110-MS7	CM-110-MS7	10/100/1000 Ethernet 10/100/1000	100-0000000000	7,300
Port	Normal	NA	Port	14	Port	CM-110-MS7	CM-110-MS7	10/100/1000 Ethernet 10/100/1000	100-0000000000	7,300
Port	Normal	NA	Port	15	Port	CM-110-MS7	CM-110-MS7	10/100/1000 Ethernet 10/100/1000	100-0000000000	7,300
Port	Normal	NA	Port	16	Port	CM-110-MS7	CM-110-MS7	10/100/1000 Ethernet 10/100/1000	100-0000000000	7,300
Port	Normal	NA	Port	17	Port	CM-110-MS7	CM-110-MS7	10/100/1000 Ethernet 10/100/1000	100-0000000000	7,300
Port	Normal	NA	Port	18	Port	CM-110-MS7	CM-110-MS7	10/100/1000 Ethernet 10/100/1000	100-0000000000	7,300
Port	Normal	NA	Port	19	Port	CM-110-MS7	CM-110-MS7	10/100/1000 Ethernet 10/100/1000	100-0000000000	7,300
Port	Normal	NA	Port	20	Port	CM-110-MS7	CM-110-MS7	10/100/1000 Ethernet 10/100/1000	100-0000000000	7,300

This screenshot shows a physical rack view of the device. The top section displays a row of ports with status indicators (green/red) and labels. Below this, the 'Slot 1 - TOR to Head Lake' configuration page is visible, showing details for a 'Copper Port' and 'Fiber Port'.

Slot 1 - TOR to Head Lake

Name: TOR to Head Lake
 Model: CM-110-MS7
 Description: 10/100 Fast Ethernet Sfp and Rate Converter Managed Module 10/100/1000 (10/100/1000) for 1000BASE-X 130nm multimode (SFP) (10/100/1000)

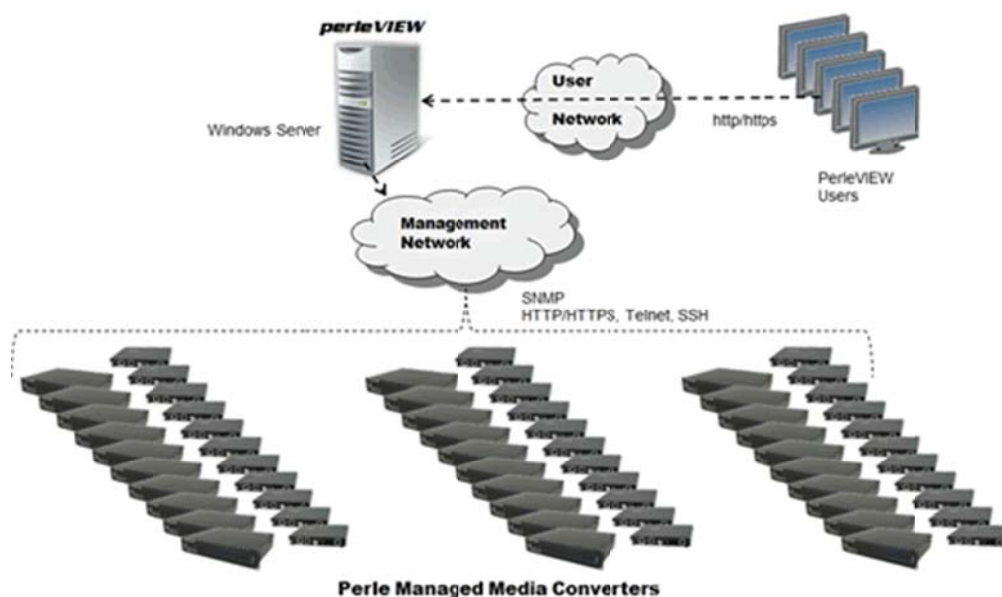
Hardware Setup: Configuration Jumpout Auto | Control Switch Subpage



perleVIEW

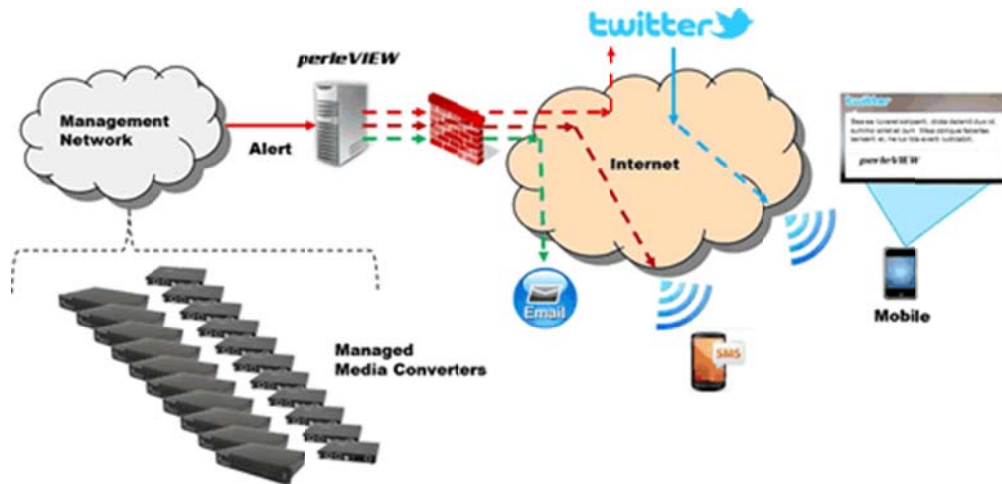
Manage a large-scale Perle device deployment

The PerleVIEW Device Management System is an Enterprise-grade, multi-user, Windows server-based network management software application that simplifies the configuration, administration, monitoring, and troubleshooting of Perle devices for medium to large-scale deployments. This enables your IT organization to focus less on daily maintenance and more on meeting future business needs. Network Administrators using their everyday-use Internet Browser can securely access PerleVIEW and manage their Perle devices from their centralized server.



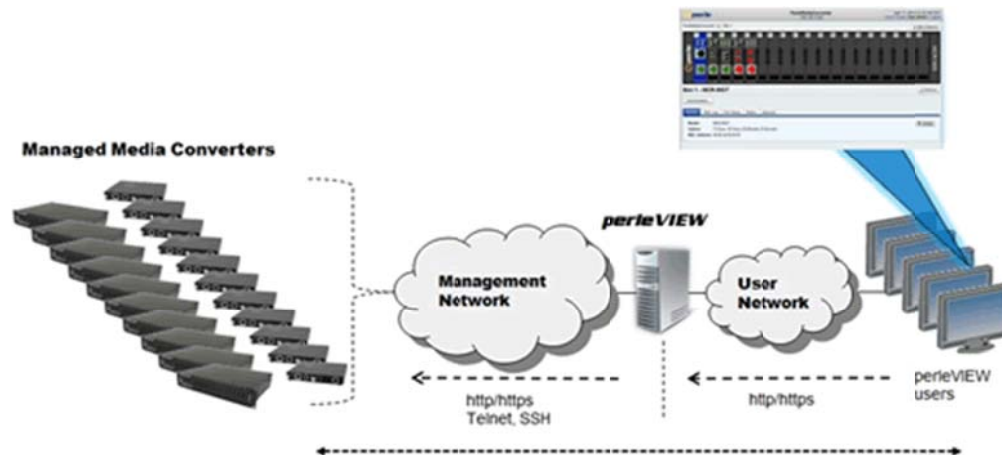
Automated Event Handling - Alert Notification via email, SMS text messaging and Twitter

Alerts sent to PerleVIEW as SNMP traps can initiate a notification to designated support staff via email, SMS text messaging and/or a user Twitter account. Information contains device name, IP address and a brief description of the problem. This enables rapid response to problems that may occur in your managed network.



PerleVIEW In-Band Management Tools

PerleVIEW provides the facility for users to directly access a specific device through their Internet browser. Both web and CLI (Telnet/SSH) based communications are supported via the browser. Unlike most management systems, a Java client download is not required. Simply run CLI or web management sessions via your browser. This enables users to use their troubleshooting tool of choice when resolving problems. As an additional aid, a local ICMP PING tool is also available.



perleVIEW Device Health 1 106 0 0 0
Blacknowledged Events 2 11750 1630 18 2951 1363

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Group Views **Audit Trail Log**

Devices

- ↳ All Devices
- ↳ Boston_Server
- ↳ MCR-MGT-900091
- ↳ Inc-ma-mgt
- ↳ 10.0.0.10
- ↳ MCR-MGT-9000919e01
- ↳ Inc-ma-mgt9901
- ↳ MCR-MGT-9000919e02
- ↳ Inc-ma-mgt9902
- ↳ MCR-MGT-9000919e03
- ↳ Inc-ma-mgt9903
- ↳ MCR-MGT-9000919e04
- ↳ Inc-ma-mgt9904
- ↳ MCR-MGT-9000919e05
- ↳ Inc-ma-mgt9905
- ↳ MCR-MGT-9000919e06
- ↳ Inc-ma-mgt9906
- ↳ MCR-MGT-9000919e07
- ↳ Inc-ma-mgt9907
- ↳ MCR-MGT-9000919e08
- ↳ Inc-ma-mgt9908
- ↳ MCR-MGT-9000919e09
- ↳ Inc-ma-mgt9909
- ↳ MCR-MGT-9000919e0a
- ↳ Inc-ma-mgt990a
- ↳ MCR-MGT-9000919e0b
- ↳ Inc-ma-mgt990b
- ↳ MCR-MGT-9000919e0c
- ↳ Inc-ma-mgt990c
- ↳ MCR-MGT-9000919e0d
- ↳ Inc-ma-mgt990d
- ↳ MCR-MGT-9000919e0e
- ↳ Inc-ma-mgt990e
- ↳ MCR-MGT-9000919e0f

View or export the audit trail log

Date	Message	Event Type	Category	Source Type	Action	Result	User
30/05/2012 4:19 PM	Logout (vadmin at : 10calhost)	SuccessAudit	Security	Users	Logout	Successful	vadmin
30/05/2012 4:19 PM	Login successful (vadmin at : 10cc)	SuccessAudit	Security	Users	Login	Successful	
30/05/2012 4:19 PM	Login successful (vadmin at : 10cc)	SuccessAudit	Security	Users	Login	Successful	
30/05/2012 4:18 PM	Logout (vadmin at : 10calhost)	SuccessAudit	Security	Users	Logout	Successful	vadmin
30/05/2012 4:18 PM	Login successful (vadmin at : 10cc)	SuccessAudit	Security	Users	Login	Successful	
30/05/2012 4:18 PM	Login successful (vadmin at : 10cc)	SuccessAudit	Security	Users	Login	Successful	
30/05/2012 4:18 PM	Logout (vadmin at : 10calhost)	SuccessAudit	Security	Users	Logout	Successful	vadmin
30/05/2012 4:17 PM	Login successful (vadmin at : 10cc)	SuccessAudit	Security	Users	Login	Successful	
30/05/2012 4:17 PM	Login successful (vadmin at : 10cc)	SuccessAudit	Security	Users	Login	Successful	
30/05/2012 4:17 PM	Login failed (vadmin at : 10calhost)	FailureAudit	Security	Users	Login	Failure	
30/05/2012 4:17 PM	Logout (vadmin at : 10calhost)	SuccessAudit	Security	Users	Logout	Successful	vadmin
30/05/2012 4:17 PM	Login successful (vadmin at : 10cc)	SuccessAudit	Security	Users	Login	Successful	
30/05/2012 4:17 PM	Login successful (vadmin at : 10cc)	SuccessAudit	Security	Users	Login	Successful	
30/05/2012 4:17 PM	Logout (vadmin at : 10calhost)	SuccessAudit	Security	Users	Logout	Successful	vadmin
30/05/2012 4:16 PM	Login successful (vadmin at : 10cc)	SuccessAudit	Security	Users	Login	Successful	
30/05/2012 4:16 PM	Login successful (vadmin at : 10cc)	SuccessAudit	Security	Users	Login	Successful	
30/05/2012 4:15 PM	Logout (vadmin at : 10calhost)	SuccessAudit	Security	Users	Logout	Successful	vadmin
30/05/2012 4:15 PM	Login successful (vadmin at : 10cc)	SuccessAudit	Security	Users	Login	Successful	
30/05/2012 4:15 PM	Task Name: Pull Device Reachable Error	PVTask	Tasks		End	Failure	
30/05/2012 4:14 PM	Task Name: Pull Media Converter Po Error	PVTask	Tasks		End	Failure	
30/05/2012 4:14 PM	Login successful (vadmin at : 10cc)	SuccessAudit	Security	Users	Login	Successful	
30/05/2012 4:11 PM	Logout (vadmin at : 10calhost)	SuccessAudit	Security	Users	Logout	Successful	vadmin
30/05/2012 4:11 PM	Login successful (vadmin at : 10cc)	SuccessAudit	Security	Users	Login	Successful	
30/05/2012 4:10 PM	Login successful (vadmin at : 10cc)	SuccessAudit	Security	Users	Login	Successful	
30/05/2012 4:09 PM	Login successful (vadmin at : 10cc)	SuccessAudit	Security	Users	Login	Successful	
30/05/2012 4:07 PM	Logout (vadmin at : 10calhost)	SuccessAudit	Security	Users	Logout	Successful	vadmin

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perleVIEW Device Health 1 106 0 0 0
Blacknowledged Events 2 10800 1630 18 2013 1363

Home Devices Hardware Events Tasks Administration Help

Group Views **Automatic Event Handling**

Configure tasks to automatically handle incoming events.

Event Handlers

Name	Events	Perleview	Devices	E-mail	SMS	Twitter	SNMP Trap	Acknowledge
No event handler tasks defined.								

Event Filters

Add Task: Automatic Event Handler

Task Name:

This task requires Device Operator rights

Targets

Events:

Sources: Perleview Devices

Actions

Send E-mail

To:

CC:

Subject:

Body:

Send SMS Text Message (via E-mail)

Send Tweet on Twitter

Send SNMP Trap

Acknowledge Event

perleVIEW Device Health: 1 Critical, 1 Major, 1 Minor, 1 Normal, 1 Suspended, 1 Unacknowledged

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Device Details: Boston_Server

Device: **10.0.0.10** | Health: **Critical** | Status: **Down** | Power: **On** | Port # | Port Type | Name | Model | Description | Serial # | Firmware Version

Type	Health	Out	Power	Lat	Port #	Port Type	Name	Model	Description	Serial #	Firmware Version
Chassis	Normal	No	On				Boston_Server	DB-1110-GFP	2 Slot Chassis		
Management Module	Normal	1	No	On			Boston_Server	MCR-MGT	Management Module	1010 101-4101-10M10002	1.5.021
Media Converter	Major	2	No	On			DB-1110-GFP	DB-1110-GFP	101001002 Optical Ethern	102-702116,12121	1.201
Port	Major	2	No	Down	1	Copper	C1000D				

Health Details:

30052012 7:42:48 | Major | DB-1110-GFP (port 2): SFP DM-Low Tx bias current warning. Tx bias 0.000 mA, warning threshold 0.000 mA.

30052012 7:42:48 | Major | DB-1110-GFP (port 2): SFP DM-Low Tx power warning. Tx power 0.000 mW, warning threshold 0.000 mW.

30052012 7:42:48 | Major | DB-1110-GFP (port 2): SFP DM-Low Rx power warning. Rx power 0.000 mW, warning threshold 0.000 mW.

30052012 7:42:48 | Major | DB-1110-GFP (port 2): SFP DM-Low Tx bias current alarm. Tx bias 0.000 mA, alarm threshold 1.000 mA.

30052012 7:42:48 | Major | DB-1110-GFP (port 2): SFP DM-Low Tx power alarm. Tx power 0.000 mW, alarm threshold 0.040 mW.

30052012 7:42:48 | Major | DB-1110-GFP (port 2): SFP DM-Low Rx power alarm. Rx power 0.000 mW, alarm threshold 0.000 mW.

Link Status: **Down** | Connector: **SFP**

Media: **Fiber**

perleVIEW Device Health: 1 Critical, 1 Major, 1 Minor, 1 Normal, 1 Suspended, 1 Unacknowledged

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Devices: All Devices

Devices: **10.0.0.10** | Health: **Critical** | Status: **Down** | Power: **On** | Port # | Port Type | Name | Model | Description | Serial # | Firmware Version

Total: 507 | Critical: 1 | Major: 506 | Minor: 0 | Normal: 0 | Suspended: 0

Name	Address	MAC Address	Health
10.0.0.10	10.0.0.10	980C4100632	Critical
172.16.153.100	172.16.153.100	020000009964	Major
172.16.153.101	172.16.153.101	020000009965	Major
172.16.153.102	172.16.153.102	020000009966	Major
172.16.153.103	172.16.153.103	020000009967	Major
172.16.153.104	172.16.153.104	020000009968	Major
172.16.153.105	172.16.153.105	020000009969	Major
172.16.153.106	172.16.153.106	02000000996A	Major
172.16.153.107	172.16.153.107	02000000996B	Major
172.16.153.108	172.16.153.108	02000000996C	Major

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Details | Edit | Delete | Protocols | Credentials

Related Events