Avocent®/Cyclades® ACS 6000 Advanced Console Server Plug-in
for DSView® 3 Management Software
Release Notes
Version 2.2.0
February 17th, 2010

This document outlines:

1. Update Instructions
2. Language Support Information
3. Features/Enhancements
4. Bug Fixes
5. Known Issues
6. TCP Port Information for Communication with the ACS 6000 Console Server

===
Update Instructions
===

Important Notes:

- Avocent/Cyclades ACS 6000 console server plug-in version 2.2.0 requires DSView 3 management software version 3.6.0.159 or later. DSView 3 software version 3.7.1 or later is required to support the new Avocent Power Management Distribution Units (PM PDUs) models with 10-outlets and 20-outlets.
- It is recommended that the ACS 6000 console server firmware is version 2.2.0.

===
Language Support Information
===

The following languages are supported by Avocent/Cyclades ACS 6000 console server plug-in version 2.2.0:

1. English
2. Japanese
3. Simplified Chinese

Product	Software Type	Version	File Name	Part #
ACS 6000 Console Server	ACS 6000 console server plug-in for DSView 3 software	2.2.0.5	plugin_ACS6000_2.2.0.5_100217.jar	SW0142-10

==
Features/Enhancements
==

Please refer to the Installation/Administrator/User Guide and/or Command Reference Guide and/or DSView 3 Online Help for details about features supported by Avocent/Cyclades ACS 6000 console server version 2.2.0.

Below listed are the major features of the Avocent/Cyclades ACS 6000 console server version 2.2.0 that will be available from the DSView 3 softare via the ACS 6000 console server plug-in 2.2.0:

1. PDUs table under Power Management node:
   - Status column shows the actual status of the PDU: On Line, Unlicensed or Not Available.
   - Outlets column shows the number of outlets with ON status and the total number of outlets.
   - Upgrade Firmware button allows to select more than one PDU to perform firmware upgrade (the multiple selections are supported only for Avocent PDUs in this version).
2. Overview node under PDU drill-down has summary of the PDU's data monitoring.
3. Pool of CAS serial ports feature is now available in the ACS 6000 console server. An administrator can create a pool of serial ports where each serial port in the pool shares a pool name, TCP Port Alias, IPv4 Alias and IPv6 Alias. The first available port in the pool is used as the serial port for connection.
4. New Protocol Raw mode is available for CAS profile. Authorized users can make a Raw Socket connection to the console of a connected device.
5. Support Avocent PM PDU with firmware version 2.0.0.
6. Event Notifications: new events for Environmental External Sensors connected in PDUs.

==
Bug Fixes
==

Bug fixes include:
- L3 - 65578034 – Targets are no longer automatically merged when "Resync" is clicked in "Serial Ports" or "Power Management > PDUs" pages.

==
Known Issues
==

This release contains the following known issues:

- The "Save Configuration (legacy)" and "Restore Configuration (legacy)" allow saving and restoring the full configuration of the appliance, including configuration that was not exposed in the Web. In the case of the ACS 6000 console server, these are valid tools, they should not be considered "legacy".
- The following nodes are not saved in the Configuration Template:
  o System > Boot Configuration
  o Network > Devices

- o Ports > Dial-In Profile > Secure Dial-In > OTP Users
- o Power Management > Outlet Groups
- o Authentication > Authentication Servers > LDAP(S)/AD
- The following nodes will be applied only during Appliance Replacement:
  - o Network > Settings
  - o Network > Hosts
  - o Network > IPv4/IPv6 static routes
  - o Serial Ports > SetCAS > Power
  - o Groups > Access Rights > Power > PDU / Outlets
- The Upgrade Firmware wizard may fail when DSView 3 Unit Status Polling is enabled. It is recommended that the Unit Status Polling is disabled when running the Upgrade Firmware wizard.
- The Upgrade Firmware wizard of Avocent PM 1000, PM 2000 and PM 3000 PDUs under Power Management > PDUs may return error due to timeout to receive response from appliance when more than one PDU is selected for the operation. Click in the Power Management > PDUs node in the left menu to refresh the page after the error. While the firmware upgrade is in progress, the PDU Status will be 'Not Available'. Wait some minutes and click the node again. When the status change to 'On line', select the PDUs again and click 'Reboot PDU' (Avocent PM x000 PDUs require reboot operation after the firmware upgrade).
- If the appliance is not powered on or not connected to the network when the appliance is deleted from DSView 3 software, the DSView software certificate will not be cleared in the appliance. In this case, go to the appliance WEB (direct access without DSView 3 software), navigate to Appliance Settings > Security > DSView page and click the "Clear DSView Certificate" to be able to add the appliance to DSView 3 software again.
- The Outlet Table under PDU devices drill-down under the Power Management > Management under appliance drill-down is not automatically refreshed after Cycle action for SPC power devices and ServerTech PDUs. The user needs to click the Refresh button.
- Use the Resync button from Appliance Settings > Ports > Physical Ports > Serial Ports or Power Management > Settings under the appliance unit in DSView 3 software to synchronize ServerTech licenses. The detection of the PDU may take some seconds so retry the Resync button if the PDU was not detected.
- For SPC power devices and ServerTech PDUs, the max value for polling interval is 20 seconds.
- Please refer to the ACS 6000 Console Server Firmware Release Notes for additional information.
- Please refer to Installation/Administrator/User Guide or contact Technical Support for detailed instructions on how to set up DSView 3 software to establish dial-up connection to the ACS 6000 console server.

===
TCP Port Information for Communication with the ACS 6000 Console Server
===
These are the ports in the appliance that can accept connections from DSView 3 software:
- TCP port 3502 (https)
- TCP port 3871 (adsap2)

- UDP port 3211 (aidp)
- TCP port 22 (sshd)

Additionally, these are the ports in the DSView 3 software that can accept connections from appliance:

- TCP port 4122 (default, it can be changed – SSH Server)
- TCP port 4514 (default, it can be changed – Data Logging or Syslog Server)