Siemens Enterprise Communications

OpenStage HFA/SIP

Service Information

SEN VA DE QA2

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History of Change

Version	Date	Author	Changes:
1.0	23.09.2011	Sven Beisiegel	Initial release

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1 Extended power management via LLDP-MED

LLDP-MED offers a possibility to exchange extended power information between the network switch and the OpenStage device via the “Power management TLV”.
Power over Ethernet class detection (see IEEE 802.3-2008 section two) only allows for a rough determination of the actual power consumption of the device. With the help of the LLDP-MED “Power management TLV”, the OpenStage device and the network switch are capable of a more fine-grained determination of power the device really needs.

If your switch is not capable of extended power management via LLDP-MED and you encounter any inconsistency in the Power over Ethernet class identified by the network switch and the devices predefined power class, use the following procedure:

In case Power over Ethernet used only:

- unplug the device from the Power over Ethernet switch
- wait 15 seconds
- plug the device into the Power over Ethernet switch

Now the OpenStage device and the network switch will correctly negotiate the power the switch needs to supply.

2 Power supply unit & Power over Ethernet

A parallel connection to a Power Supply Unit (PSU) and a Power over Ethernet switch is not supported by OpenStage devices.