

SmartPatch™ Switch Data Synchronization Bridge

Datasheet: GD102176v7

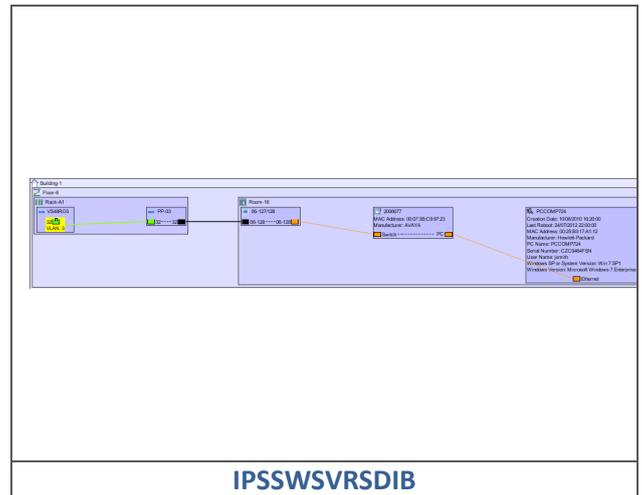


APPLICATION

SmartPatch Data Integration Bridge is a software tool that seamlessly synchronizes data between SmartPatch and network switches. Data synchronization avoids data duplication, time-consuming manual entry, and ensures the information in SmartPatch is accurate and up-to-date.

FEATURES

- Populates end-devices in SmartPatch, using connection tracing to place them in the correct SmartPatch location
- Identifies and flags new end-devices that have not been encountered before on the network
- Synchronizes switch port information such as VLAN numbers with the corresponding switch port objects in SmartPatch
- Synchronizes end-devices information such as IP address, system and user information with the corresponding end-device objects in SmartPatch
- Tracks the history of moves, adds, and changes of end-devices



ORDER INFO

Part Number	Item Description	Minimum SmartPatch Requirements
IPSSWSVRSDIB	SmartPatch In-House Software Switch Data Integration Bridge	IPSSWSVR30R SmartPatch In-House Software Solution 30 Racks
IPSSWSRVSDIB-CA	SmartPatch SaaS Software Switch Data Integration Bridge	IPSSWSVR30R-CA SmartPatch SaaS Software Solution 30 Racks

DEPLOYMENT

The bridge provides the option of integrating directly with the switch via SNMP or integrating with CSV-based switch port data exported by network management tools, such as Cacti®.

Corresponding data and connectivity updates in SmartPatch are performed via the standard SmartPatch Web Services API.

The bridge is a Java-based tool that is suitable for deployment on both Windows and Linux based systems. The bridge typically runs on a scheduled basis by the operating system scheduler, according to the desired synchronization frequency.

FLEXIBLE CONFIGURATION

- Configuration of the bridge is accomplished using a simple graphical user interface.
- Ethernet end-device types (PCs, printers, VoIP phones, cameras, etc.) can be mapped to the corresponding templates in SmartPatch. Related data fields, such as IP address and user information, can then be mapped to the corresponding user-defined attributes on these templates.
- Data fields on switch ports (VLAN, port status, port speed, last changed, etc.) can be mapped to the corresponding user-defined attributes on the SmartPatch switch port templates.
- Data and connectivity changes are tracked, including flagging newly discovered end-devices.

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