

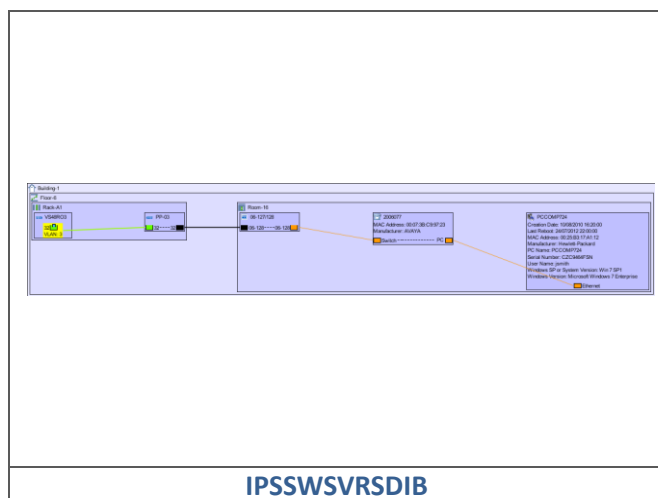
APPLICATION

The Switch Data Synchronization Bridge is a software tool that seamlessly integrates live switch data with SmartPatch CMS Software.

The tool ensures that switch port and end-device information in SmartPatch is automatically accurate and up to date, saving the headache and cost of a manually maintained inventory.

FEATURES

- Populates end-devices in SmartPatch and uses connection tracing to place them in the correct location in SmartPatch, making it simple to identify the location that an end-device exists in.
- 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 all moves, additions and changes of end-devices.
- Monitors the active current consumption of connected end equipment.



ORDER INFO

Brand-Rex Part Number	Item Description	Integration
IPSSWSVRSDIB	SmartPatch enhanced software - In-house - Switch Data Synchronization Bridge	System integration possibilities when using IPSSWSVR20R as the basic requirement
IPSSWSRVSDIB-CA	SmartPatch enhanced software - Software as a Service - Switch Data Synchronisation Bridge annual contract	System integration possibilities when using IPSSWSVR20R-CA as the basic requirement

DEPLOYMENT

The Bridge provides the options of either integrating directly with the switches 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 itself is a Java-based tool that is suitable for deployment on both Windows and Linux based systems and is typically run on a scheduled basis by the operating system scheduler according to the desired synchronization frequency.

FLEXIBLE CONFIGURATION

Configuration of the Bridge is straightforward and performed using a simple graphical user interface.

All appropriate end-device types (such as PCs, Printers, Laptops, Telephones, VOIP Phones, Fax Machines, etc.) can be mapped to the corresponding templates in SmartPatch and the related data fields such as IP Address and User information mapped to the corresponding user-defined attributes on these templates.

Similarly, data fields on switch ports (such as VLAN, Port Status, Port Speed, Last Changed, etc.) can be mapped to the corresponding user-defined attributes on the SmartPatch switch port templates.

Tracking all data and connectivity changes are tracked, including flagging up end-devices that were not previously recorded in SmartPatch.

The changes can be reported on using the standard SmartPatch reporting functionality.

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sustainable **high performance** structured cabling and speciality **cabling solutions**”*

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