

// PRODUCT SHEET

# Autodiscovery Gateway



- Interface to Autodiscovery applications
- Equip the network nodes with modules or cards
- Update the active devices in Command
- Output reports

## // Autodiscovery Gateway

The customer data polled using the Autodiscovery application is written in the *Staging Area* of the *Autodiscovery Gateway* where it is available for further processing. The network is not polled within Command. An Autodiscovery application must supply the Autodiscovery data in a specified form in the Command transfer tables. In the Autodiscovery Gateway, the transfer data of the Autodiscovery application is then compared with the set state documented in Command.

Based on the comparison results, the following actions can be performed:

## // Further processing

A user interface is provided for processing the transfer data in the *Autodiscovery Gateway*. As an alternative to the user interface, the processing of the Autodiscovery data in Command can also be automated. Certain actions (import, update, store the network delta reports) can be automated to be performed time controlled, e.g. once daily.

## // Actions for network nodes

New network nodes supplied by the Autodiscovery application are created in a Command store; any network nodes already present in Command will be updated.

## // Actions for modules/cards

New modules/cards supplied by the Autodiscovery application are created in the associated slot in the network node; any modules/cards already present in Command will be updated. In addition, the relocation and removal of modules in Command are performed using the transfer data as basis.

Basic data - Port mapping (display)		Command devices master data	
Map	1	Manufacturer	IBM
Command type	8879-1RG	Function	Server
Command side	A	Description	IBM, 8879 3950e, Tj 19" / 3 HE
Command port	2		
Manufacturer type	8879-1RG		
side	A		
port	2		
Remarks	pMapping 25-MAR-10		

- Autodiscovery Gateway main menu
  - Variance comparison
    - Chassis
    - Modules
    - Submodules
    - Ports
    - Connected devices
    - Protocols
  - Reports
  - Inactive devices
  - Mapping
    - Type mapping
    - Slot mapping
    - Port mapping
    - Attribute mapping
  - Administration

- The equipping of the network nodes with modules/cards
- Relocation and removal of modules
- Acquisition of active components (chassis, switch, router, transceiver, ...)
- Acquisition of active port data
- Acquisition of terminals with assignment to the active port
- Identification of inactive devices in Command „last seen“ entry
- Updating of the device data, port data, interface and IP data in Command with the attributes supplied by Autodiscovery
- Output reports for the network delta comparison

// Actions for active ports

The port data supplied by the Autodiscovery application is written to the active ports in Command, for example, the port speed and the VLAN.

// Actions for terminals

New terminals supplied by the Autodiscovery application are created. Any terminals already present in Command will be updated, in addition to the updated attributes, this also includes the relocation of terminals.

// Actions for interface and IP data

When the Command *IP Management* module is used, the interface and IP data network nodes and/or network cards supplied by the Autodiscovery application are compared with the data documented there and updated. New interfaces and IP addresses and, optionally also networks, are created and linked with the devices.

// Individual customizations

It is possible to configure which attributes for

- network nodes
- modules
- active ports
- terminals

are compared in Command.

Various automatic mechanisms can be configured, for example:

- fully-automatic, semiautomatic or manual processing (on the module user interface) of the Autodiscovery data
- one or more terminals on an active port
- used mapping keys
- various configuration possibilities for the import, relocation, removal and wiring of terminals

// System requirements

The network is not polled with Command. An Autodiscovery application must supply the Autodiscovery data in the Command staging area in the specified form.

Interfaces to various standard applications (e.g. Eramon from Eramon, theGuard! from Realtech) and to customer-specific script solutions have already been implemented.

