

Barox Switches— Network Management



Reduce site support costs and resources

The new Genetec DMS plug-in simplifies integration with barox Ethernet switches, supporting barox's goal of providing advanced, tailored network solutions for the video security market.

Access diagnostic data across your security network, including cabling, to reduce costs, save time, and maximize uptime when resolving faults. The Smart-barox plug-in enables bi-directional communication with the Genetec VMS, sending commands in and out.

The PoE port control on the barox switch enables both manual and automatic rebooting of connected devices that have frozen or gone offline.

This integration is for clients who have a Genetec video management system, and the network infrastructure with cameras connected to barox switches.

How it enhances your security

The Genetec Security Center/barox integration makes it easy to access, diagnose, and predict security network issues.

The integration uses the following features to simplify your operations and enhance security

- Remote re-boot of offline IP devices, can be performed manually or autonomously
- Enhanced cybersecurity – built-in firewall features, IP source-guarding
- All barox SNMP traps, including PoE over-current and Digital I/O, can be accessed via Genetec Security Center, providing early fault warning
- Full network topology view and diagnostic information available via Config Tool, allowing engineers to investigate, diagnose and even remedy faults remotely
- Historic audit trail and fault-logging capability

Key benefits

Manage your entire security network via a single user interface
i.e. Genetec Security Center

Monitor features proactively =
increased system uptime

Receive alarm alerts directly to
Genetec Security Center and via SMTP

Enable bi-directional communication
in and out of Genetec Security Center

Compatibility

Genetec Security Center
versions

[5.9 Compatible](#)

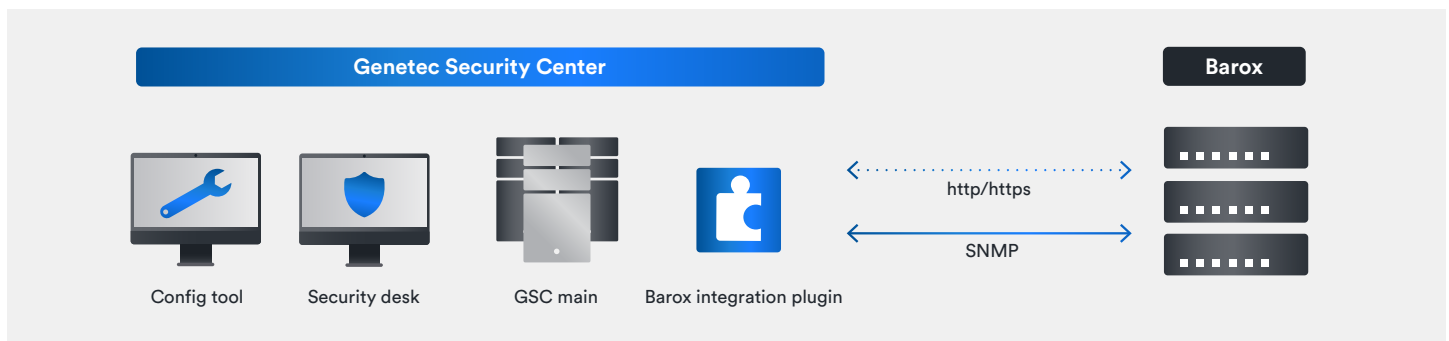
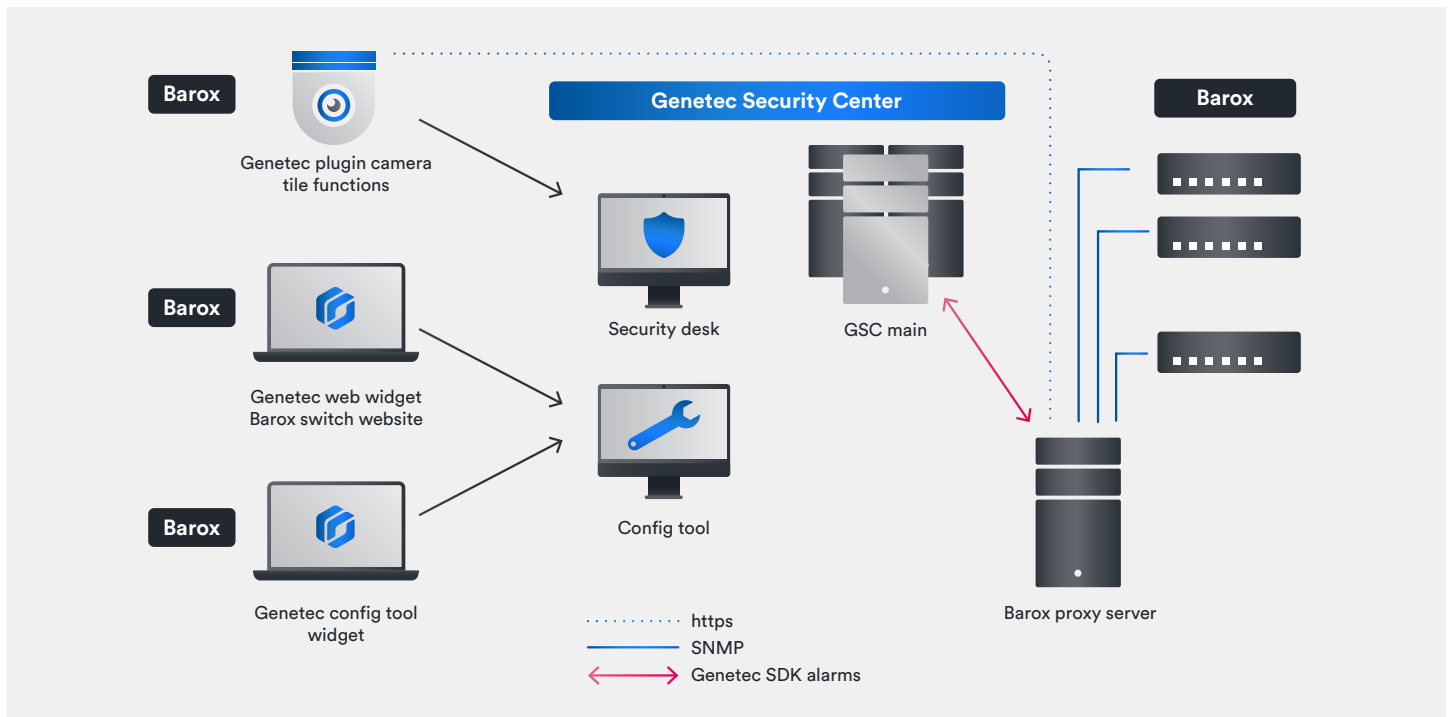
[5.10 Compatible](#)

[5.11 Compatible](#)

[5.12 Compatible](#)

Network management architecture

The architecture of the solution is made up of a back-end system which acts as a proxy server between the Security Center plug-in (for Config Tool and Security Desk) and the barox switches. This service uses the SNMP protocol for communication with the barox switches.



Barox industrial switches

[RY-804GBTME](#)

[RY-LPITE-804GBTME](#)

[RY-LPIGE-602GBTME](#)

[RY-LPITE-442XGME](#)

[RY-LPIGE-804GBTME](#)

[RY-LPITE-802GBTME](#)

Barox commercial switches

[RY-LGS23-10G](#)

[RY-LGSP23-26/370](#)

[RY-LGSPTR28-52](#)

[RY-LGS23-26](#)

[RY-LGSO25-24](#)

[RY-LGSP28-10](#)

[RY-LGSP23-10G](#)

[RY-LGSO38-10](#)

[RY-LGSP28-28](#)

[RY-LGSP23-26](#)

[RY-LGSPTR23-26](#)

[RY-LGSP38-28](#)

Genetec Inc.
genetec.com/locations
info@genetec.com
[@genetec](#)

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