



# VMS & PSIM System Integration

Creating a superior video network ecosystem

VMS / PSIM

Camera



Switch

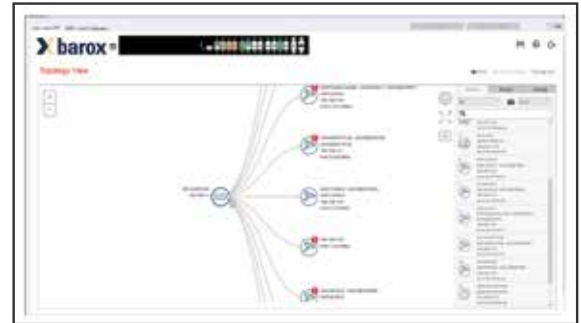


barox – an ISO 27001 certified company  
and member of the alliance for cyber security

## Advantages of switch integration into VMS / PSIM systems

### For installers and integrators

- Easy to use graphical interface with network topology and health monitoring
- Reduce costly site visits by increasing remote capabilities
- Remote re-boot of connected devices, including cameras, reducing cost and engineering resource
- Proactive network maintenance and fault diagnostics tools



### For operators

- No network knowledge required
- Manual disabling of PoE devices where privacy is critical, such as solicitor/client discussions in custodial suites
- Detailed network fault reporting; identify and differentiate cause of camera failure, such as:
  - Technical faults, (IP conflicts, PoE offline) where an engineer call is necessary, and
  - Physical attacks (such as short circuits caused by cable cuts) where a security team call is required
- Eliminate unnecessary maintenance and service call-outs

## Smart Client Browser

### Inputs

**Analytic events with metadata from switch**

**User-related events from the VMS / PSIM**

**Example:**

- **Blocked day / night mode**
- **Blocked autofocus**
- **Frozen camera**



**barox Network Management**

**Logical link in VMS / PSIM**

**Plug-in / API-based**

**The VMS / PSIM sends / receives commands to / from the switch**

### Outputs

**The switch executes commands**

**Example:**

**Remove PoE to power off or re-start cameras**

# VMS & PSIM Technology Partnerships



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