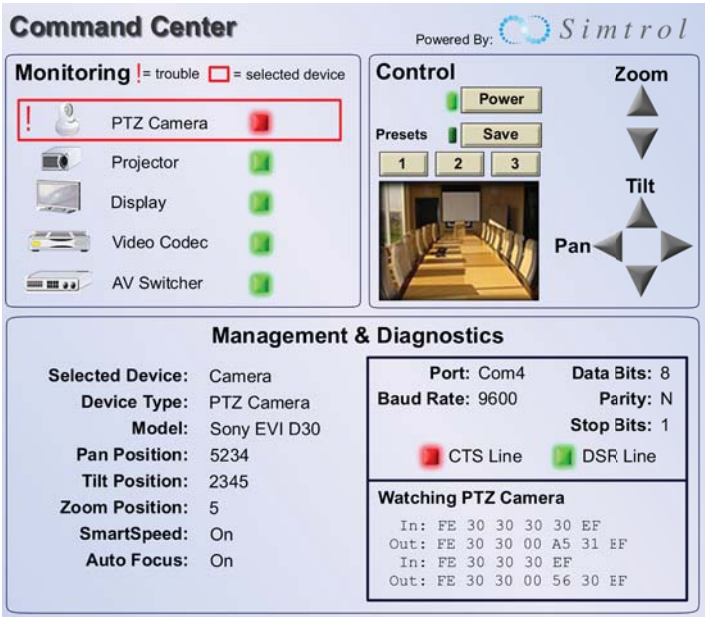
Simtrol

Device Manager™

Powerful Software to Control, Monitor and Manage Any Device



Device Manager is open-architecture software that provides robust control, monitoring, alerting, scheduling and diagnostics of any device - including cameras, plasmas, LCD displays, codecs, projectors, sensors, switchers and more.

Software vs. Hardware. The Choice is Clear.

Contrasted with proprietary hardware-based solutions, Device Manager offers greater flexibility and enables a substantially lower total cost of ownership.

Device Manager Delivers Value Everywhere Devices Collect.

Use Device Manager everywhere that large numbers of devices are deployed, including:

- **Boardrooms**
- **Classrooms**
- **Operating Rooms**
- **Courtrooms**
- **Command & Control Centers**
- **Retail Spaces**

Key Features

Robust Device Control

Control any device using a variety of interfaces, including TCP/IP, Serial (RS232, RS422 and RS485), IR and IO.

Open Architecture

Combine software-based controls with commodity, off-the-shelf hardware to build flexible and powerful device control solutions.

Proactive Monitoring and Alerting

Proactively monitor all devices. Receive visual, audible and email alerts when device failure occurs.

Remote Diagnostics and Troubleshooting

Efficiently resolve device issues remotely with diagnostics and troubleshooting tools. Monitor health and status of devices along with all two-way communications.

Centralized Control

Aggregate disparate hardware-based control systems under one centralized monitoring and control platform.

Local or Remote Management of Devices

Organize devices and sites into configurable groups that can be displayed on customizable images to depict the actual device deployment.

Scheduling

Extend device life and reduce administrative overhead by scheduling events such as "power on/power off" for individual devices or groups of devices, in a single location or across multiple locations and time zones.

Security and Network Management

Communicate securely using SSL-based encryption. Manage control systems via SNMP from IT management suites such as HP OpenView and IBM NetView.

Reporting

Track device health, status and usage information using standardized and customizable reports.

Key Benefits

Lower Total Cost of Ownership

Create high-quality, inexpensive device control solutions by leveraging best-of-breed hardware. Solutions provide an alternative to closed-architecture, hardware-based systems that require proprietary touch panels and controllers.

IT Friendly

IT/AV convergence is accelerating. Leverage existing IT infrastructure with familiar tools that run on familiar platforms.

Flexible Deployment Alternatives

Deploy solutions that are network-based (with all environments controlled from a central server) or local to each environment (where each has its own control PC).

Minimal Support Requirements

Add new devices and replace existing devices with no disruption to the control system or the Graphical User Interface (GUI). All device commands and variables are standardized to minimize support requirements.

Elimination of Custom Programming

Build GUIs in a variety of standard languages including BASIC, Visual Basic, C++, C#, Java, and Flash. GUI deployments can be local, network-based or web-based.

Flexible *and* Scalable

Control and monitor a single environment or scale the solution at an enterprise-level to manage legacy environments that contain proprietary control solutions. Flexible deployments improve the efficiency of all monitoring activities.

Simtrol

Combine Device Manager with Off-the-Shelf Hardware for Powerful, Cost-Effective Control & Monitoring Solutions

Build a Solution in 5 Simple Steps

Steps 1 – 4: Gain Control of an Environment's Devices

Environment 1

1 Load DM on a PC

Any Windows-based PC can be the platform for Device Manager. The PC can be "open" or "closed" (e.g., locked down to prevent access to the underlying operating system).

2 Attach Best-of-Breed Connectivity Hardware

Connect via USB, IP, and RF.


IP


Serial (RS232, RS422, RS485)


IR


IO

3 Connect Any Device

Control off-the-shelf and industry-specific devices, including:


Pan/Tilt/Zoom Cameras


Plasma, LCD Displays


A/V Switchers


Video Codecs


Interactive Whiteboards

4 Run Graphical User Interfaces (GUIs) on Off-the-Shelf Hardware

Build GUIs in standard environments such as Visual Basic and C#. Run GUIs on commodity hardware.


Touch Screen


Wireless Touch Screen


PDA

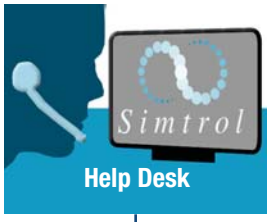

Laptop

Step 5: Manage and Monitor Environments over IP Network

5 Centrally manage all environments

For all devices deployed over the network:

- Control remotely
- Monitor health & status
- Proactively schedule and raise alerts
- Perform remote diagnostics and troubleshooting



IP Network