

Unified control and asset management software

NaViSet Administrator 2



All in one support system for NEC Desktops, Projectors and Large Screen Displays
Ideal for any multi-device installation

Control

Tie all products together and manage from a centralized location.

- Adjust almost any parameter or setting in a display from a remote location
- Gather valuable information pertaining to a Windows computer such as model name, operating system version, memory and CPU

* available when bidirectional communications is supported

Remote Monitoring

Remotely Query display information and controls

- Store all information about connected devices in a local database
- Run reports that gather information on almost any parameter or setting
- Assign an electronic Asset Tag that is permanently stored within the display's memory to provide a secure method of asset tracking over a network

Task Management

Query or perform commands on one or more devices simultaneously

- Schedule periodic polling at particular times or on demand
- Issue email alerts automatically if a diagnostic error is reported by a device or a setting has been changed
- Monitor and perform Command, Conditional and Informational tasks

How it Works

NaviSet Administrator 2 can periodically query connected devices to check for abnormal conditions, detect failures and identify changes to critical control settings.

Devices can be scheduled or updated at any time to poll basic or advanced information.

- Basic information about a device includes Model Name, Serial Number, Date of Manufacture, Diagnostics and Asset Tag.
- Advanced information includes values on all supported controls for the display device including internal temperature sensor readings, fan speeds, diagnostics and IP Address. Windows computers can also be set to shutdown, restart, or Wake-On-LAN automatically

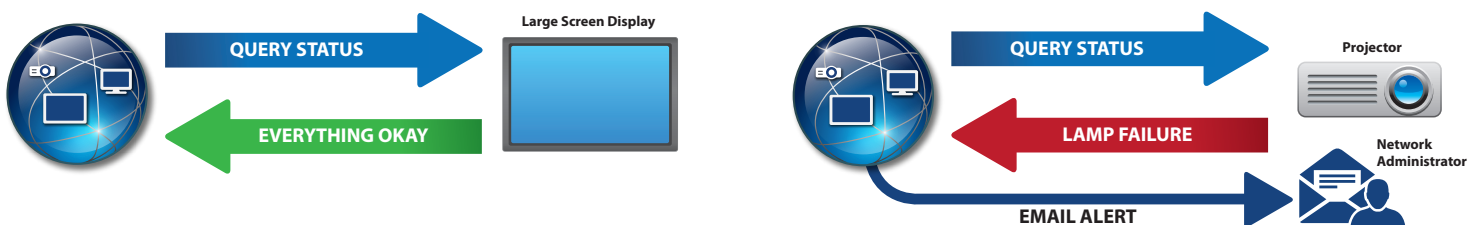
Information gathered from devices can be exported to the clipboard, an Excel spreadsheet or a delimited text file.

The screenshot shows the NaviSet Administrator 2 interface. On the left is a tree view of the device hierarchy under 'Acme Widgets Inc.', with 'Production > P402 - Production Status Board' selected. The main window displays the 'Production Status Board' for the P402 device, with a last update of 'Thu May 2 17:29:40 2013'. It features two main panels: 'General Display Information' and 'Control Settings'.

General Display Information	
Model Code	P402
Name	P402
Serial Number	18001964NA
Asset Tag	P402 IN OFFICE
Manufacturer	NEC
Manufacture Date	8/1/2011
Firmware Version	1.017
IP Address	192.168.1.10
MAC Address	00-25-5c-2e-20-ad
Communication Link	RJ45 Connection to LAN
Video Input	Option
Sensor 1 Temperature	56.0°C (132.8°F)
Sensor 2 Temperature	41.5°C (106.7°F)
Sensor 3 Temperature	39.5°C (103.1°F)
Diagnostics	Normal
Carbon Savings (kg CO2)	18.479
Total Carbon Savings (kg CO2)	41595.826

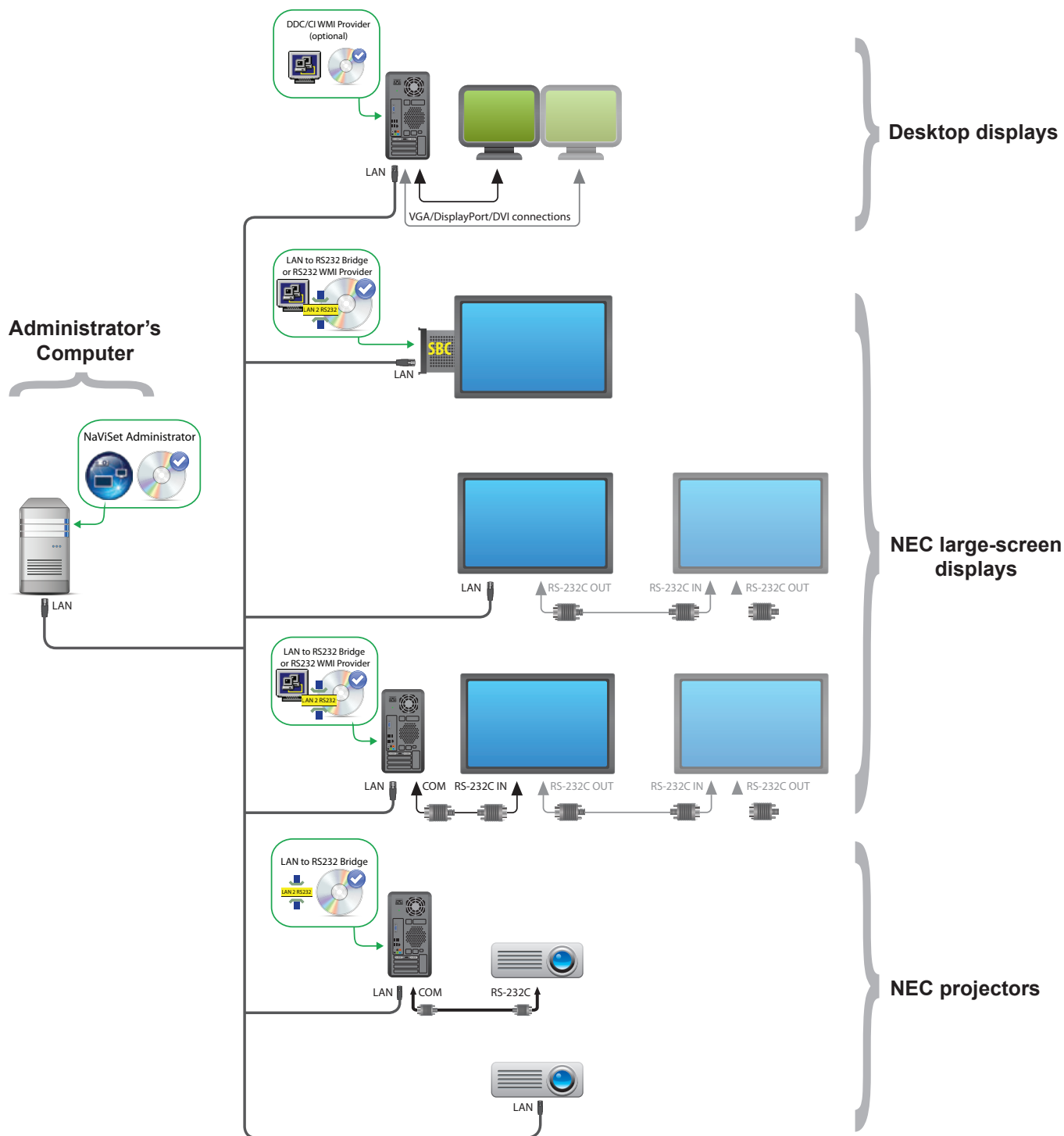
Control Settings	
Monitor ID	5 (1-100)
Group ID	A,B
Power Save	Off
Power Save (Video AV Input)	Disable
Power On Delay	0 (0-50)
Off Timer	0 (0-24)
Fan Speed	High
Option Slot Power	Off (linked)
Power Indicator LED	On
Video Input	Option
TV Channel	57-0
Brightness	67 (0-100)
Contrast	50 (0-100)
Sharpness	37 (0-100)
Black Level	50 (0-100)

If a setting has been changed, an error is detected or, for example, a lamp needs to be replaced within a projector, the display device can communicate that information with the host Windows Computer and an automatic email alert can be sent to relay that information.



Unified NEC Ecosystem

Included with the NaViSet Administrator system are the LAN to RS232 Bridge, DDC/CI WMI Provider and RS232 WMI Provider. These remote software components are necessary to facilitate some of the following connection methods: Below is a sample configuration of various supported connections.



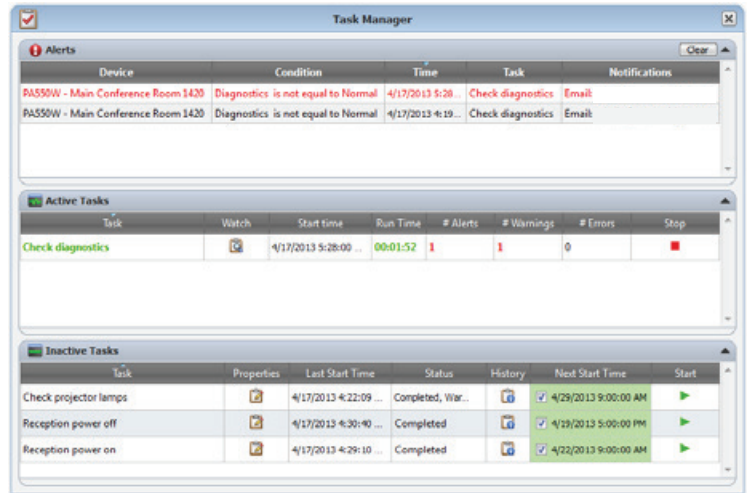
Note: Video connections not shown for clarity purposes. Optional connections shown in gray.

Tasks

The following types of tasks can be performed:

- **Command tasks** change settings or perform operations on devices (ie power on/off, change input, audio mute, etc).
- **Conditional tasks** read settings and/or parameters at periodic intervals Alerts can be set if values of settings are outside of specified ranges of values
- **Informational tasks** read settings or parameters and display the results in real time

All tasks are organized in the easy-to-use Task Manager.

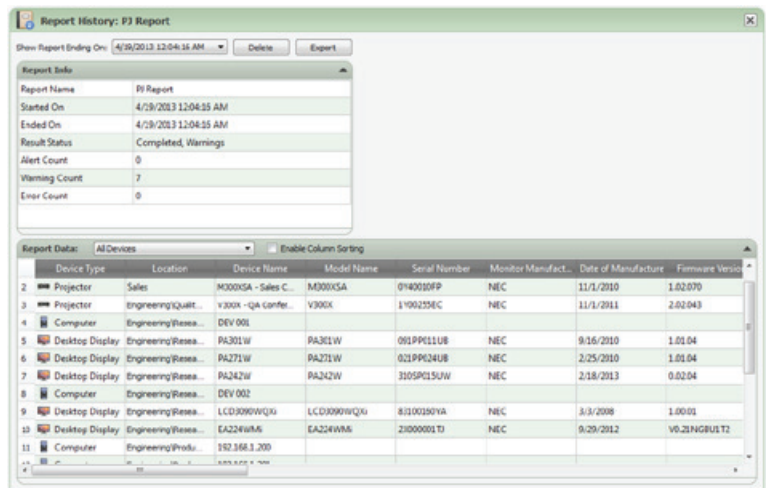


Reports

Reports can be generated by compiling information from any connected device for asset management or monitoring usage.

Results from these reports is saved to the internal database or sent to the clipboard, an Excel spreadsheet or a delimited text file.

All reports are managed in a library within the software.



System Requirements

	Microsoft Windows
Operating System	32 and 64 bit versions of Microsoft Windows XP, Server 2003, Vista, Windows 7, Windows 8/8.1, Windows 10. Intel based Apple Mac with OS X version 10.7 or higher.
LAN	Standard TCP/IP LAN interface. Static IP addresses required for most displays connected directly to LAN, unless name resolution (hostname) support is provided
System Resources	At least 100MB available hard-disk space for installation. Approximately 50MB per 100 devices hard-disk space required for database storage. At least 96MB RAM (192MB recommended)
Software	Adobe Reader X or higher is recommended for viewing the User's Guide. Microsoft Excel for viewing output spreadsheets (optional). "Open Hardware Monitor" (optional) for monitoring computer temperature and fan status.

Supported features and functionality depend on model

Please see Sharp/NEC website for specific models

Supported Display Devices:

- NEC desktop display models
- NEC large-screen display series: X, P, V, S, and LCDxx20.
- NEC large-screen display E series (only models with a built-in LAN connection)
- NEC projector models with a LAN or RS232 connection

Notes:

- NEC E series of large-screen display models without a built-in LAN connection are not supported
- The Proof of Play feature is available on Large-screen display models P801, Pxx3, Xxx4, Xxx5, and Xxx1UHD
- For the latest listing of specific models, please visit Sharp NEC Display Solutions online
- Supported features and functionality depend on model

<https://www.sharpeddisplays.us/navisetadministrator>

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