

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.

acme widgets inc.ndb* — NaViSet Administrator 2 File Edit View Devices Tasks Reports Tools	Help				
					NEC
🖻 🎯 Acme Widgets Inc.	Engineering\Productio	n\P402 - Production Status Boa	ard		P402
Marketing PA550W - Main Conference Room Sales	Last Update: Thu May 2 17:29:40	Power Video Scometry 2013 Standard Upd		e 📮 OSD 🛜 IR Remote 👱	ECO 👷 Custom
- Engineering	General Display Information	~	Control Settings		
🕀 🚞 Quality Assurance	Model Code	P402	Monitor ID	5 (1-100)	
E Research	Name	P402	Group ID	A,B =	
🔁 📃 DEV 001	Serial Number	18001964NA	Power Save	Off	
— 🜉 PA301W	Asset Tag	P402 IN OFFICE	Power Save (Video AV Input)	Disable	
— 🌉 PA271W	Manufacturer	NEC	Power On Delay	0 (0-50)	
- 🜉 PA242W	Manufacture Date	8/1/2011	Off Timer	0 (0-24)	
🕀 📘 DEV 002	Firmware Version	1.017	Fan Speed	High	
- Production	IP Address	192.168.1.10	Option Slot Power	Off (linked)	
P402 - Production Status Board	MAC Address	00-25-5c-2e-20-ad	Power Indicator LED	On	
192,168,1,200	Communication Link	RJ45 Connection to LAN	Video Input	Option	
192.168.1.201	Video Input	Option	TV Channel	57-0	
192.168.1.202	Sensor 1 Temperature	56.0°C (132.8°F)	Brightness	67 (0-100)	
192.168.1.203	Sensor 2 Temperature	41.5°C (106.7°F)	Contrast	50 (0-100)	
192.108.1.205	Sensor 3 Temperature	39.5°C (103.1°F)	Sharpness	37 (0-100)	
	Diagnostics	Normal	Black Level	50 (0-100)	
192.168.1.205	Carbon Savings (kg CO2)	18.479			J
🖃 🔜 Daisy Chain Host	Total Carbon Savings (kg CO2)	41595.826			
P462 (ID1)					
P462 (ID2)	Ready				
Reception	Task Manager 🗵 Report Manag	ger 🗵 P462 (ID1) 🗵 P462 (ID2)	P402 - Production Status Bo	oard 🗵	
				Connections [Cur	rent: 0 Pending: 0]

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.



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.

() Alerts						Clear	
Device		Condition	Time	Task	Notifica	rtions	ŀ
PA550W - Main Conference Room 1420	Diagnostics is	s not equal to Normal	4/17/2013 5:28	Check diagno	ostics Email:		
PA550W - Main Conference Room 1420	Diagnostics is	s not equal to Normal	4/17/2013 4:19	Check diagno	ostics Email:		
Active Tasks							
Task	Watch	Start time 1	Run Time #Al	lerts = War	nings #Errors	Stop	Ľ.
Check diagnostics	and the second se		0:01:52 1	1	0	-	7
		1111010 J. 2000		1.	ľ		
Inactive Tasks	Propertie	s Last Start Time	Status	History	Next Start Time	Start	
Inactive Tasks	Propertie		Status	History r			
Inactive Tasks	Propertie	s Last Start Time	Status Completed, War	History	Next Start Time		
Inactive Tasks Task Check projector lamps	Propertie	s Last Start Time 4/17/2013 4:22:09	Status Completed, Wa	History r	Next Start Time	+	

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.

hav	n Report Ending On: 4	19/2013 12:04:15 AM	• Delete	Expert				
Re	port Info			-				
Rep	port Name	PJ Report						
Sta	inted On	4/29/2013 12:04:15 AM						
End	ded On	4/29/2013 12:04:55 AM Completed, Warnings						
Res	sult Status							
Ale	ert Count	0						
Va	ming Count	7						
Eng	or Count	0						
Re	port Data: Al Dev			le Colum Sorting Model Name	Secial Number	Monitor Manufact	Date of Masufacture	Firmane Vers
	Device Type	Location	Device Name	Model Name	Seral Number	Monitor Manufact	A reason of the local division of the local	
2	Device Type Projector	Location Sales	Device Name M000XSA - Sales C	Model Name M000XSA	0140030FP	NEC	11/1/2910	1.02.070
2	Device Type Projector Projector	Location Sales Engneering'Quilit	Device Name M300XSA - Sales C v200X - QA Confer	Model Name			A reason of the local division of the local	
2 3 4	Device Type Projector Projector Computer	Location Sales Engneering'Qualt Engneering'Resea	Device Name M300XSA - Sales C v.300x - QA Confer DEV 001	Model Name M000XSA V300X	014002556C	NEC	11/1/2910 11/1/2911	1.02070 2.02043
2 3 4 5	Device Type Projector Projector Computer Desktop Display	Location Sales Engineering'Rosea Engineering'Rosea	Device Name M000XSA - Sales C V 200X - QA Confer DEV 001 PA301W	Model Name M000XSA V300X PA3ELW	0140010FP 11002558C 091PP011U8	NEC NEC	11/1/2910 11/1/2911 9/16/2910	1.02070 2.02043 1.0104
2 3 4 5 6	Device Type Projector Projector Computer Desktop Display Desktop Display	Location Sales Engineering'Resea Engineering'Resea Engineering'Resea	Device Name M000XSA - Sales C V300X - QA Confer DEV 005 PA301W PA271W	Model Name M300XSA V300X PA3C1W PA3C1W PA271W	0140010FP 1100235EC 091PP011UB 021PP024UB	NEC NEC NEC NEC	11/1/2010 11/1/2011 9/16/2010 2/25/2010	1.02070 2.02043 1.0104 1.0104
2 3 4 5 6 7	Device Type Projector Projector Computer Desktop Display Desktop Display Desktop Display	Location Sales Engreenny Qualt Engreenny Resea Engreenny Resea Engreenny Resea	Device Name M300X5A - Sales C V300X - QA Confer DEV 00L PA301W PA271W PA272W	Model Name M000XSA V300X PA3ELW	0140010FP 11002558C 091PP011U8	NEC NEC	11/1/2910 11/1/2911 9/16/2910	1.02070 2.02043 1.0104
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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.sharpnecdisplays.us/navisetadministrator

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