



NAVORI

WHAT'S NEW IN VERSION 5.2

January 2010

Navori is proud to announce it's latest release, version 5.2.

Official release date: January 25, 2010

The following document goes over the new features and enhancements.

When appropriate, we also provided real-world scenarios to better explain how the new features can impact your projects.

If you are an existing Navori customer, we highly recommend you to schedule an online training with Navori prior upgrading to the current version in order to benefit from the latest features and performance improvements.

Once the new dataflow explained and understood, all Navori customers who are currently covered by the software support and maintenance plan can update their existing software via patch updater which can be downloaded from the Navori extranet.

Users who are not currently covered by the software support and maintenance plan may contact their local Navori representative for an upgrade quote.

New customers downloading the Navori application for the first time will receive the latest current release via the extranet if the extended WatchDog has been purchased.

NEW! Energy Saving / Life Extending Feature for your Display Screens

Navori 5.2 can be used with any display that supports the Energy Star or VESA Display Power Management Signaling standards. When these new displays are placed in sleep or suspend mode, their power consumption drops significantly. For example, displays complying with the the VESA DPMS standards must not consume more than 30 watts in suspend mode. Energy Star compliant displays must not consume more than 2 watts while in sleep mode.

Navori 5.2 supports these energy saving features by turning off the PC's video signal. By using this feature, users can double the life expectancy of their displays while providing significant energy savings throughout their lifespan. Any compliant display can be controlled using this technique without the need for RS232 ports or additional cabling.

Real-world example:

Using Navori 5.2 to schedule when your displays are powered can double their life over the course of 5 years (based on a 50,000 hour lifespan rating).

Main Benefits:

- No RS 232 port or cabling required.
- Can support multi-display installations (in most cases RS232 does not support this).
- Energy saving features are supported by most current commercial grade screens and many consumer grade models.

NEW! Extended Reporting

Navori 5.2 software now displays detailed reporting for all media played, including within Mosaic zones. Detailed reports now show if a media clip was displayed full screen or in a Mosaic. You can also see the size and location of the zone in your reports.

Extended reports are available in Navori Server Standard, Navori Server Enterprise, Navori Windows Manager and Navori Web Manager. *Note: to see extended reports in Web manager you must first export them to a CSV file and then open the file in Excel.*

Main Benefits:

- Export complete proof-of-playback information for all your media.
- Obtain detailed information about media playback such as full-screen or in a mosaic, including the zone size and position on screen.

NEW! Extended Watchdog 5.2

Navori Extended Watchdog 5.2 is Player PC monitoring application that is purchased as an add-on to Navori Player. Once installed on a PC, Watchdog runs in background and performs several key functions:

- Monitors the overall “health” parameters of the Player PC.
- Provides Navori Server with near real-time status of all monitored indicators including the time of the last Player connection and which Playlist is currently running.
- If Watchdog detects a problem with the Player PC, it highlights the affected Player in the PC Player Download and Monitoring Status window (see below).
- Sends alert updates via email as necessary.

The screenshot shows the Navori Manager interface. The top part displays a file tree with 'Groups And Players' and 'Navori Edit' sections. The bottom part shows the 'PC Player Download & Monitoring Status' window with the following table:

Name	Download Status	Publication Date	Connection	Playlist	RAM	Handles	GDI	Threads
LAN_AUTHENTICATION - 01_VISTA_BASIC	Done	06/01/2010 17:48:45	0h07m	PL01	60	651	229	29
LAN_AUTHENTICATION - 02_XPE_EXER_IDN	Done	07/01/2010 16:26:37	1h22m	PL05	161	9510	304	40
FTP - 03_W2_EXER_IDN	Done	08/01/2010 12:19:00	0h04m	PL03	153	776	259	29
LAN_AUTHENTICATION - 04_EXER_IDN_XPPRO	Done	08/01/2010 14:55:22	0h03m	PL04	82	1256	241	21
FTP - 02_EXER_CELERON_APPRO	Done	08/01/2010 14:55:00	0h02m	PL04	76	2145	8107	17
LAN_AUTHENTICATION-TV - 09_HP_MKETING...	Done	08/01/2010 15:17:31	0h07m	PL09	184	1509	234	35
LAN_AUTHENTICATION - 06_EXER_CELERON_X...	Done	07/01/2010 16:39:28	0h01m	PL08	102	9072	9997	120

Navori Extended Watchdog 5.2 can monitor the status of hundreds of Players in near real-time. If a problem is detected, Watchdog alerts the Navori administrator by identifying the affected Player in the Server’s status window. This makes it very easy to identify problems on any size deployment. The Watchdog can also be programmed to send out automated email alerts so your technical support personnel are kept informed of any issue as soon as they are detected.

Navori 5.2 Extended Watchdog provides several enhancements over the previous version:

- Extended Watchdog now tracks multiple parameters on your Player PC such as:
 - RAM
 - Handles
 - GDI
 - Threads

Navori Extended Watchdog monitors the levels of each parameter, ensuring they remain within optimal performance levels at all times. Whenever any of these parameters exceed certain limits, Watchdog will perform the following steps:

- Navori Player will be restarted up to 3 times (if necessary). During this process, the Navori splash screen will not be displayed to minimize on-screen impact.
- If the issue persists, Watchdog will reboot the Player PC, re-launch Navori Player and then resume monitoring.
- If the problem reoccurs within 12 hours, Watchdog will attempt to re-start the Navori Player application one last time.
- If this is not sufficient to restore the PC to a stable condition, the Watchdog will no longer attempt to re-launch the Navori Player and send out an alert to a designated email recipient.

Furthermore, the status of these parameters will be visible in Navori Server within the Player Download Status window. If a Navori Player reports an issue more than once in a day, Navori Server will highlight the affected Player in red, indicating an error has been detected and recorded. The alert indicator waits for a second event to ensure this is not a false alert.

Whenever the issue is resolved by the Watchdog, the Player status will be updated at the end of the day and return to it's normal indicator color (which is blue).

If desired, Watchdog parameters can be modified by the end user. These settings are stored in a INI file that will be located on the Player PC.

NOTE: To use the Extended Watchdog, all Navori applications (meaning Navori Server and Navori Players) must be updated to version 5.2. In order to benefit from this enhanced monitoring system, you must install a Extended Watchdog application on each Player PC.

Real-world example:

You are running an advertising network where minimal downtime is expected. Installing Navori Extended Watchdog on all your PC Players will provide near real-time feedback on the health of your PCs. You will also know exactly what is playing on which Player at any time. Extended Watchdog will also prevent most PC lockups before they happen.

COMING SOON! Navori Server Enterprise 5.2 Extended Edition

Navori Server Enterprise 5.2 Extended Edition is a new version of Server Enterprise that offers enhanced Player and Group management capabilities.

With Extended Edition, Server administrators will be able to create and manage groups and sub-groups of Players. This version is aimed at large signage network operators, retail customers or anyone that requires the ability to manage Players in sub-groups.

Real-world example:

You are a major display network operator and you wish to offer a SAAS solution to your customers from your own servers. You also discover your customers want to deploy signage in multiple locations so they will need the ability to create and manage multiple groups of Players. With Navori Server Enterprise 5.2 Extended Edition you can assign groups and an unlimited number of sub-groups to each of your customers. They will then be able to manage their own Player network independently, assigning media and administrative right to each of their Groups as required.

With Navori Server Enterprise 5.2 E/E you can host multiple clients from a single license. All you will need is the Navori Web Manager module to provide your customers with remote access to their groups and sub-groups .

You are only limited by the hardware your Server is running on (RAM, hard drive storage).