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Release Notes Tempurity Monitor Version 1.5

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Tempurity Monitor version 1.5 is the third release of the Tempurity Monitor after version 1.0, and 1.2. It must be used with Tempurity Server version 1.0.

Significant changes are that:

- 1) The Tempurity Monitor runs as a service rather than interactively. This means that the Tempurity Monitor is always running unless the Monitor is manually closed, or if the computer is not running.
- 2) In order to avoid spam-protection mechanisms that prevent some alarm notifications from being received, alarm notifications are sent over port 80 (the web network port) rather than port 25 (the mail network port).
- 3) Voice alarm notifications are now possible. In this version voice alarm notifications are not guaranteed by Networked Robotics. Usage instructions for voice alarm notifications are given below. Voice alarms should be used in tandem with e-mail or text message alarms.
- 5) Alarm notifications are sent by an external mail server at the NRTEST domain. Networked Robotics considers this to be an intermediate implementation, and future versions of Tempurity are expected to utilize only computers at customer domains.
- 6) In this version Tempurity Monitors have "names" that are user-entered. These names are used to distinguish between potentially many different instances of the Tempurity Monitor running on separate computers, all of which can send alarm notifications. The use of these monitor "names" allows a recipient to know which particular monitoring computer has sent the alarm notification.
- 7) Alarm notification "from" e-mail addresses can be defined. The use of this feature helps comply with some restrictive mail server rules than can prevent the reception of alarm notifications.
- 8) This version has a "test" button so that alarm notification groups can be tested without the need to walk through the alarm notification wizard.

There are a few known issues with version 1.5:

1) If you install this version on machines on which the monitor is already installed alarm notification groups will be deleted and so you will have to re-enter them.

2) To install on a computer on which the Tempurity Monitor is already installed, you will need to remove the old version first: Control Panel-Add/Remove- Remove the Tempurity Monitor and then click on this .MSI file.

3) Because of the method of implementation through the NRTEST server, you may find that “from” email addresses in your domain (your company or organization) are not accepted. This is because your mail server may not recognize mail messages of the sending domain coming from the NRTEST domain. You may consider using a “From” address from, for example, a GMAIL, or networkedrobotics.com account such as Tempurity@NetworkedRobotics.com.

4) Text message alarm notifications may be truncated, especially the current low and high limits for the device, as the monitor name "bumps" some of the message out of the 130 character range of some cell phone providers. On some cell phone providers (like T-mobile) alarm notifications will look different.

5) This version has the capability of sending voice alarms. To use this function, choose the e-mail alarm notification type, and in the alarm notification address type "numberwithno1@nrtest.com". You will get a test voice message as you finalize the alarm group. This message is ok, but actual alarms are difficult to understand from the computerized voice and we are looking at this problem. There will probably be a limit on the number of voice alarms that a single domain can send. This is something we are looking at. Voice alarms are not considered by us to be reliable because these are not "persistent" media. If the phone is busy the alarm will try again, but if there's an answering machine it will leave a truncated message.

6) A known problem exists with version 1.5. If the network connection between the server and the monitor is severed, the server indicator does not turn red as expected. If you click on one of the monitored device icons in this situation the program will show the hourglass, and will have to be restarted – either manually – or with a computer reboot.