

## Enhanced System and Application Error Monitoring

Functional Software is pleased to announce that Sentinel3G now supports pro-active monitoring of system messages generated from UNIX, Linux and Microsoft Windows™ operating systems, services and applications. This new facility ensures that critical error messages are not overlooked (or ignored!) and provides customers with an automated alerting and notification capability that will assist in the early detection and rectification of hardware, application and security problems before they adversely impact system performance.

### Syslog Knowledge Base for UNIX and Linux ★ new

Under UNIX and Linux, the standard mechanism for logging error messages is the **syslog** facility. Typically this is used by the Operating System and services to write messages to the system console or to a logfile such as /var/adm/messages. Rather than monitoring messages as they are written to this logfile, the new **SYSLOG Knowledge Base (KB)** integrates Sentinel3G with the **syslog** facility and directly feeds system messages to Sentinel3G as they occur.

When the **SYSLOG KB** detects a message of interest, a new sentry icon appears on Sentinel3G's console, displayed at the appropriate severity. A *notification* such as an email or SMS can also be sent to appropriate administration staff (click the image at right for a closer look).

In its default state, the **SYSLOG KB** is pre-configured to detect all **syslog** messages of level ERR (error) or higher, and kernel message of level NOTICE or higher automatically generate an event within Sentinel3G. The **SYSLOG KB** can be configured to identify additional site-specific messages that are of interest, which are to be ignored, and assign a severity and class to each. Error message descriptions are user configurable.

### Coming Soon! EventLog Monitoring of Microsoft Windows™

The equivalent facility to **syslog** in Microsoft Windows™ is the **EventLog**. The **EventLog** monitor works in a similar fashion to the **SYSLOG KB** under UNIX or Linux with all events of interest being displayed on the Sentinel3G console and notifications generated as required. Severity is assigned automatically based on the Windows event type (eg: Information, Warning, Error).

The Microsoft Windows™ **EventLog** monitor will have the same look and feel on the Sentinel3G console as the UNIX and Linux **syslog** monitor, providing Operations staff with a consistent cross-platform view of their system and application message status.

The **EventLog** monitor is currently scheduled for release in Q3, 2006. A beta version will be available in June 2006. Note that the new **EventLog** monitor will require an updated version of the Sentinel3G Windows agent service (senagent), which will be provided in the next Windows KB release.