E-mail Vibration Alert

Description

The E-mail Vibration Alert is an optional software interface for the Beran PlantProtech™ Analyser, designed to provide users with automated E-mail Alerts of machine alarm and system health status.

The E-mail Vibration Alert interface sends e-mails detailing alarm and system status to a configured e-mail address using industry standard SMTP protocols. The alarm and system status e-mails may be received by the end user using a standard e-mail client (e.g., Microsoft® Office Outlook®), or alternatively, they may be received and processed by a user-customised data screening application.

Functionality

The E-mail Vibration Alert Interface monitors the alarm and/or system logs of any Beran PlantProtech Analyser. New log messages are sent via an e-mail server to a nominated e-mail address. Separate e-mails are sent for each log monitored from each installed PlantProtech Analyser. The E-mail Vibration Alert Interface may be configured to check for new log entries at regular intervals, ranging between once every five minutes to once a day. Additionally, a “summary” facility may be configured to resend all log messages once a day at a specified time, or once a month on a specified day and time.
**Example E-mails**

The following provides an example alarm status e-mail:

```
From: turbine1@station.com  
To: diagnostic.team@beraninstruments.com  
Subject: Beran, Station A, 30/03/2009 11:56:41

Message:  
Alarm Log, Station A, Turbine A:  
30/03/2009 11:55:41 AC Ch 1 Alert “Zone 1 Alarm” On
```

The following provides an example system status e-mail:

```
From: turbine1@station.com  
To: diagnostic.team@beraninstruments.com  
Subject: Beran, Station A, 30/03/2009 11:56:41

Message:  
System Log, Station A, Turbine A, Turbine B, Turbine C, Turbine D:  
30/03/2009 11:55:41 Turbine A: Run-up started  
30/03/2009 11:55:41 Turbine b: Run-up started
```