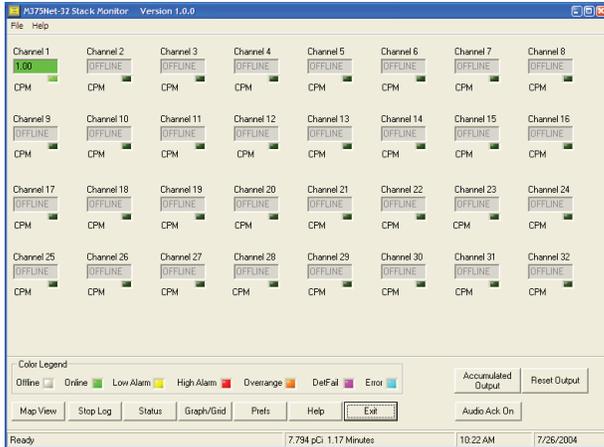


Model 375 Net-32 Software for Model 375 Area Monitor Systems

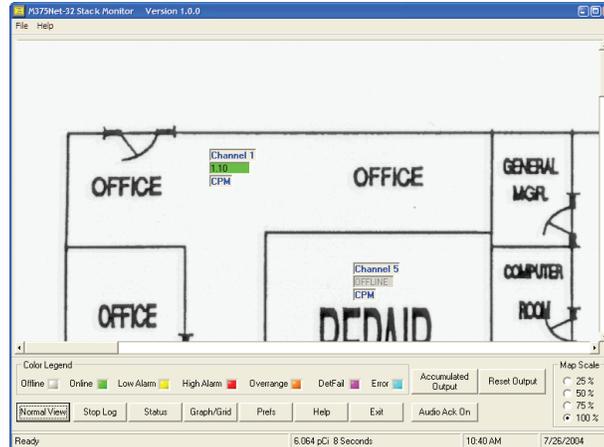
Radiation Detection for a Safer World



Ludlum Measurements, Inc.



Main Screen (normal view)



Main Screen (map view)

The Model 375 Net-32 software (Part Number 1370-042) monitors and logs the data from up to thirty-two Model 375 instruments connected via their standard RS-232 outputs. Additional com ports can be added to a computer via USB to RS-232 converters. A USB hub may be required to connect multiple USB inputs to the computer depending on the number of available USB ports.

The data output includes the current radiation readings and the current status of the instrument. The readings displayed on-screen are updated every 2 seconds. The background color of the reading box changes to indicate the status of the instrument. Status indicators include: Offline, Online and OK, Low Alarm, High Alarm, Over Range, Detector Failure, Error.

The data is logged to a database at a user-specified time interval and is the average of the readings collected during the log interval time. Readings where the Model 375 is alarming, a fail condition is present, or the reading exceeds a user-defined value can be logged at a different rate than the normal logging interval.

The data received from the instruments are logged into a Microsoft™ Access database, and can be viewed, queried, and graphed directly from within the program. Microsoft™ Access can also be used to view the data. At midnight, the software automatically archives the data into a new database file at a user-defined location.

If enabled, the data can also be saved into a comma delimited (.csv) file for import into a spreadsheet or other program for further manipulation.

The program can be configured to e-mail specific persons whenever an instrument receives an alarm or failure, so radiation safety personnel can get radiation alarm e-mails and technicians can get instrument failure e-mails. The program can use separate e-mail addresses for normal working hours and non-working hours if 24-hour response and support is needed.