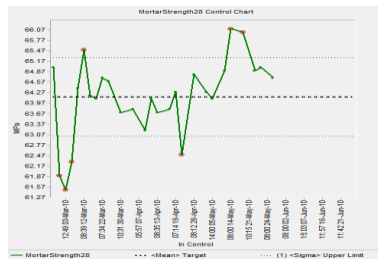


Control Chart Monitor

Continuous Monitoring of LDMS Data Trends

Quality Control Charts (CC) are powerful tools in deciding when to or when not to act on a plant process.

The Trending feature of Process Solutions' Laboratory Database Management System (LDMS) provides the functionality to create and maintain control charts.

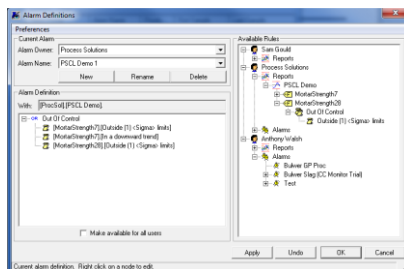


The LDMS CC Monitor tool automates the running and review of LDMS Trending reports, allowing for automatic notification of alarm conditions.

System Description

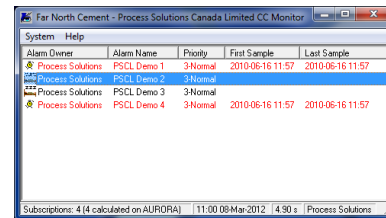
CC Monitor runs in the Microsoft Windows system tray and automatically evaluates all rules defined on LDMS Trending reports. If a control chart rule violation is determined the program will alert the user by either displaying a message on screen, by email, or by specialized scripting. The specialized scripting allows for advanced notifications such as writing to a process tag, which could be used to alert an operator on their control board.

Alarms are stored in the LDMS database with their definitions and subscriptions. This allows users to share alarm definitions, and to easily move from one computer to another, and still get the same settings when they log in to CC Monitor.



Alarm configuration provides three options for alerting a user when a violation is discovered. Alarms can be raised 'On First Sample', 'On Each New Sample', and 'Continuously'.

Each alarm also has a priority ranging from Very High, High, Normal, Low, and Very Low. This setting allows users to easily filter through a large list of alarms. CC Monitor also allows users to temporarily unsubscribe to alarms below a given priority.



With CC Monitor, users can:

- Alert mix analysts to out-of-control situations in a timely manner, without adding to their workload
- Monitor any LDMS data point, including process data, to ensure that it is within acceptable ranges
- Review a production period for exception data. For example, review all alarms that were generated the previous evening

CC Monitor extends existing LDMS Trending functionality, and leverages the investment in current reports.

For More Information

CC Monitor is a powerful, easy to use tool that inspects LDMS data and provides notification of potential quality issues.

If you would like to discuss your requirements with us, or find out more about our solutions, please contact our Quality & Environmental Solutions Manager:

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Visit our web site at www.pscl.com

* Process Solutions Canada Limited Windows applications are tested with current versions of Windows at time of release; however, we do not guarantee full functional compatibility with all Windows versions.

