

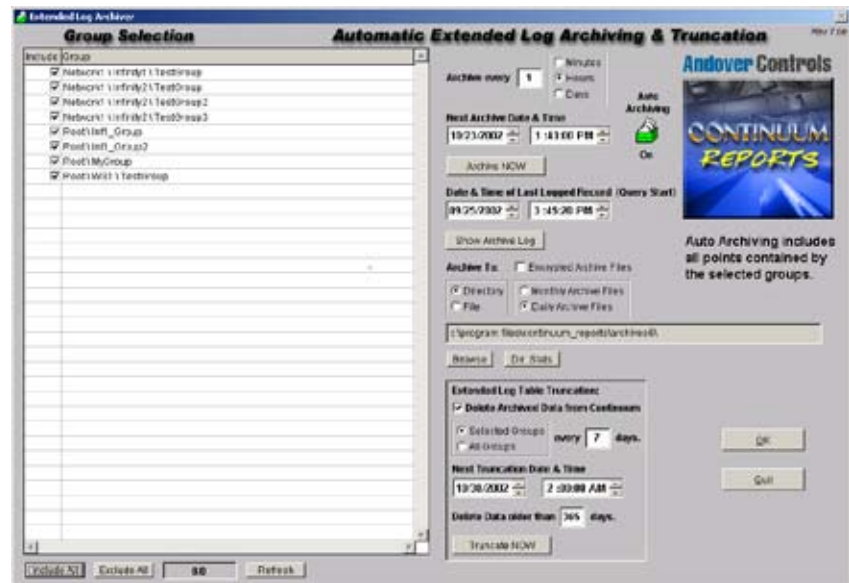
Automatic Extended Log Archiver for Andover Continuum™

The Andover Continuum Extended Log Archiver facilitates the automatic storage and reporting of Andover Continuum's Extended Logs from the Andover Continuum SQL database to portable database files. These files, in turn, can be backed up easily to tape, CD-ROM, or other storage media. This utility is especially useful in FDA-regulated industries, high-tech manufacturing, and other critical manufacturing processes where long-term archiving of data, i.e., temperature, humidity, pressure, air flow, etc., must be meticulously maintained and readily available for reporting and review. The Archiver's intuitive user screen provides exporting features that allow for data sharing with other people, data systems, or interfaces. An Encryption option provides the ultimate data integrity and security by preventing data from being viewed or altered by any external application.

EASY-TO-USE LOG ARCHIVER SCREEN

The Extended Log Archiver's point-and-click main screen provides all of the user-configurable settings and controls needed to automatically archive any or all Andover Continuum groups and their associated points to any drive, directory, or specific file. The user selects the groups of points to archive, sets the archive frequency (from one minute to 999 days), and selects the file type (daily or monthly) and the directory or file to archive to.

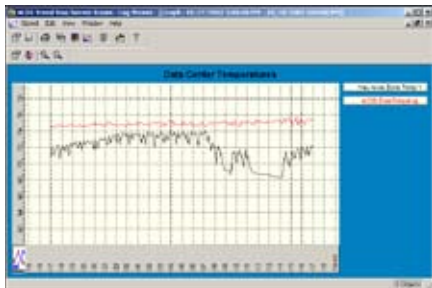
- Archive Andover Continuum's Extended Logs Easily to Portable Database Files
- Facilitates Long-Term Archiving Requirements in Critical Manufacturing Industries
- Quickly Consolidate Extensive Amounts of Data and Assess Problems and Trends
- Intuitive On-Screen Configuration
- Exporting Features Allows for Easy Data-Sharing
- Encryption Option Prevents Data from Being Viewed or Altered
- Turn Archived Data into Useful Reports and Graphs
- Truncation Feature Manages Andover Continuum Database Size



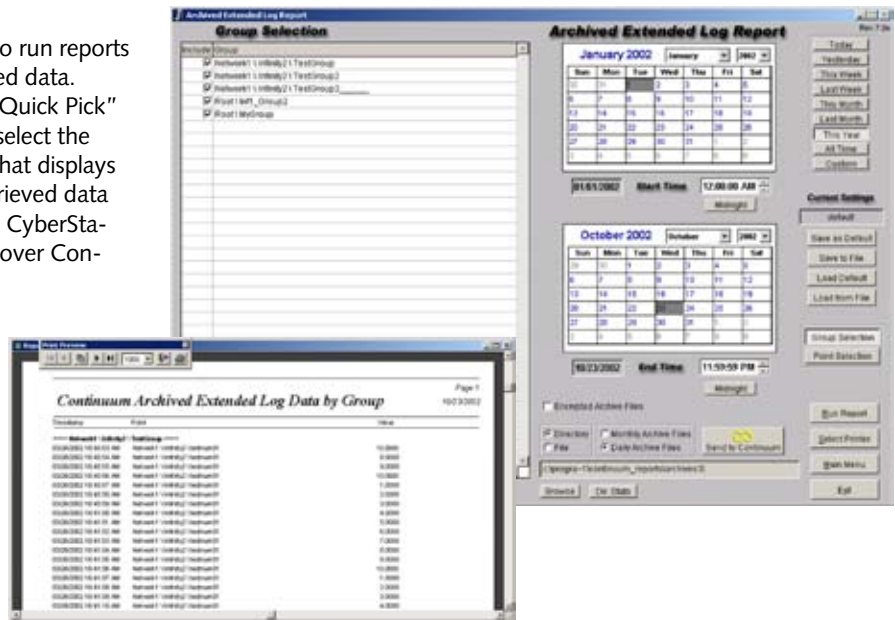
Extended Log Archiver Main Screen

ARCHIVED EXTENDED LOG REPORTS

The Extended Log Report utility allows you to run reports quickly and automatically on selected archived data. Select the data criteria using the on-screen "Quick Pick" buttons to select start/end times and dates, select the point data to view, and then run the report that displays the data in a tabular view. In addition, all retrieved data can be sent back to the Andover Continuum CyberStation for viewing and graphing using the Andover Continuum Group Log Viewer application.



Temperature Graphical Report



Report Selection Screen and Tabular Data Report

DELETING ARCHIVED DATA FROM ANDOVER CONTINUUM

Extended Log truncation is used to delete archived data from the Andover Continuum SQL database. This handy feature keeps the size of the extended log tables (and the Andover Continuum database) from growing too large. The truncation application checks the archived database

before deleting data from the Andover Continuum database so you do not run the risk of deleting data that has not yet been archived. Selection of which groups to be truncated, plus frequency, start date and time, and age of data to be truncated are all user-definable.

Specifications

Log Archiver

ARCHIVE FILE TYPE

Daily or monthly

MAXIMUM FILE SIZE

2GB per file

NUMBER OF POINTS PER FILE

Unlimited

MAXIMUM ENTRIES/POINT

Limited only by hard drive space

DATA TYPES AVAILABLE TO ARCHIVE

All "loggable" Andover Continuum object types. Typically these are input, output, and numeric point types.

DATABASE STANDARD

ODBC-compliant

FILE ENCRYPTION

3DES

DATA INTEGRITY CHECKING

Automatic Error and Corruption Detection

EXPORT FILE FORMATS

CSV, and Andover Continuum Archiver format

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