



Add-on Reporting Modules for Andover Continuum™

- **ACCESS EVENTS-PLUS**
 - Streamline access event reporting with automatic scheduling and e-mail output
- **ACCESS EVENT ARCHIVER**
 - Provides automatic gathering, long-term storage, and reporting of access events
- **MUSTER REPORTING**
 - During emergencies, provides quick reporting of all cardholders present in a selected area
- **ALARMS-PLUS**
 - Alarm consolidation reports ensure all alarms are accounted for and assessed
- **ALARMS BY CATEGORY REPORTING**
 - Quick sorting and reporting of alarms and alarm category statistics
- **ANDOVER CONTINUUM REPORTS ON NON-CYBERSTATION WORKSTATIONS**
 - Expands distribution of critical access information

Built on top of Andover Continuum CyberStation's already powerful, flexible, and easy-to-use standard reporting module is a growing list of options to further increase your productivity and efficiency in managing your facilities. Any reporting option can be easily added to an existing installation by purchasing a license code to enable the specific module.

STANDARD REPORTS

CyberStation's standard reports include:

- Access Events
- Access Events Sorted by Department
- Alarms
- Areas/Cardholders
- Areas/Doors
- User Activity

With any of these standard reports, users can select a time frame and other important selection criteria using a simple, ad-hoc report generation screen.

ACCESS EVENTS-PLUS

Access Events-Plus is an add-on option to the standard access event reports found in the Andover Continuum CyberStation software. These reports provide end-users with valuable door access and cardholder access information for selected areas and time frames. With the Access Events-Plus option, you receive the following additional time-saving capabilities:

- Save report configuration settings for future recall
- Manually and automatically e-mail an access report to a list of recipients
- Automatic printing of access reports
- Automatic saving of access reports to file

Access Events-Plus is especially beneficial in co-location or high-security areas, as it allows distribution of reports via e-mail to the appropriate managers of these areas.



Access Event Archiver

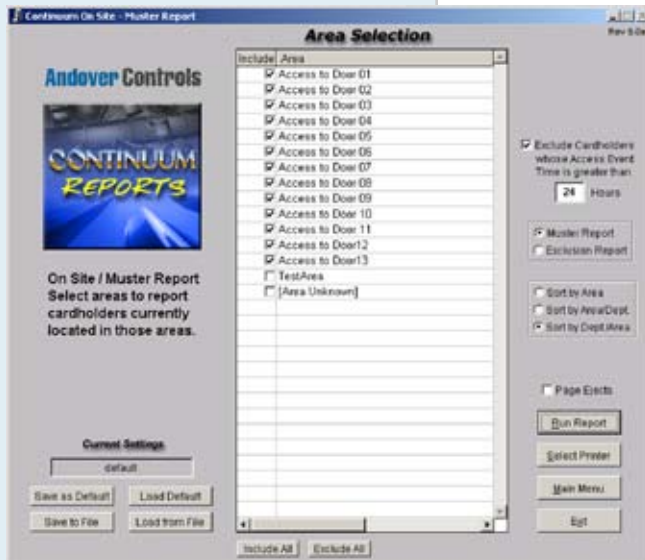
ACCESS EVENT ARCHIVER

The Access Event Archiver bundle features three separate applications that provide the automatic gathering, storage, and reporting of Andover Continuum access events using portable database files that are easily backed up to tape, CD-ROM, or moved to any storage media. The three applications are:

- Automatic Access Event Archiver
- Access Event Exporter
- Access Event Report Viewer

Retrieval and use of removed archive data is as simple as copying the off-line monthly files back into the archive directory.

The amount of archived data that can be stored and retrieved is limited only by the amount of hard disk space available. Data archiving frequency is user-definable — i.e., you can select a weekly, daily, or hourly time frame. The Report Viewer automatically uses all of the archive files in the archive directory and generates the exact same reports as the on-line Andover Continuum Report Writer without the overhead of keeping all of the information in the SQL database. Additional Report Viewers can be purchased separately as needed for additional workstations.



Muster Reporting Configuration Screen

MUSTER REPORTING

During an emergency, the On Site- Muster Report can provide quick reporting of all cardholders currently present in selected areas, sorted either by area or by department for each area.

Using an easy to use “point-and-click” on-screen interface, you can quickly configure and set up the areas for which to display and print reports. Your settings can be conveniently saved to a file for future regular use, and for unattended printing or automatic launching. For example, a muster report of who is in the building can be automatically displayed when a fire alarm is tripped.



Report by Area



Report by Area & Dept.

ALARMS-PLUS

Alarms-Plus includes all of features of the standard Andover Continuum Reports, plus several powerful features including alarm report e-mailing. An easy-to-use interface allows the user to quickly configure and set up the report selection criteria, including time range and Alarm Enrollments. Settings can be saved to a file for later use, for unattended printing, unattended emailing, or unattended report saving.

With the Alarms-Plus option, you receive the following additional time-saving capabilities:

- Save report configuration settings for future recall
- Manually and automatically e-mail an alarm report to a list of recipients
- Automatically e-mail an alarm report to a list of recipients
- Automatic printing of alarm reports
- Automatic saving of alarms reports to file

In addition, an "Alarm/RTN Consolidation" report provides a summary of alarms grouped with their corresponding "Return-to-Normal"'s and acknowledgements. This helps operators ensure that all alarms are accounted for and assessed properly.

Alarm Point	Alarm Time	Alarm Value	Ack'd By	Comments
**** High Priority ****				
F3	A - 2/23/2004 6:47:15 PM	110.000	Jim	
	R - 2/23/2004 6:40:07 PM	60.000	12/03/2004 6:40:24 P V	
	Environmental Chamber #1			
F0	A - 2/23/2004 7:43:15 PM	101.250		
	Environmental Chamber #2			
F0	A - 2/23/2004 6:03:24 PM	600.100		
	R - 2/23/2004 6:04:42 PM	99.990		
	Environmental Chamber #2			
**** High Temp ****				
F1	A - 2/23/2004 6:04:16 PM	600.000	Jim	
	R - 2/23/2004 6:16:36 PM	80.000	12/03/2004 6:16:37 P V	
	Environmental Chamber #1			

Alarm/RTN Consolidation Report Sorted by Alarm

ALARMS BY CATEGORY REPORTING

The Alarms-Categories Reporting option provides quick sorting and reporting of alarms and alarm category statistics. This information is derived from user-defined category codes entered in the alarm's "Operator Text" field during the time of alarm acknowledgement. Category codes begin with a "\", followed by a number 01-99.

For example:

- \01 Alarm Validation or Verification
- \02 Alarm Revalidation or Reverification
- \03 Alarm Testing
- \04 Nuisance Alarm

Alarms that do not contain category codes in the Operator Text field at the time of alarm will be grouped into the general category, "All Other Alarms."

Alarm categories are assigned using an easy-to-use "point-and-click" on-screen interface. Note: A keyboard macro program can be used to assign alarm category codes with their applicable descriptions to keyboard function keys, such as F1-F12.

Two different types of reports can be run and printed:

- A standard Alarms-Categories Report sorts the alarms by category. Within each category, the alarms are sorted by time of occurrence. Also displayed is the Andover Continuum user who acknowledged each alarm and the "Ack" time.
- An Alarm Statistics Report displays the number of alarms per selected category along with the percentage. Statistics report can be saved to a CSV file for easy import and graphing.

The screenshot shows the "Alarms - Categories" report selection interface. It includes sections for "Points with Alarms/RTN's", "Alarms - Categories" (with filters for Year, Month, and Time), and "Alarm Selection" (with checkboxes for various alarm types like "Any Alarms", "Control System Failure", etc.). There are also calendar views for January 2009 and December 2008, and buttons for "Include All", "Exclude All", and "Run Report".

Alarms-Categories Report Selection Screen

The screenshot shows the "Continuum Alarms - Categories Report" interface. It displays a list of alarms with columns for Alarm Point, Alarm Time, Alarm Value, Ack'd By, and Comments. The alarms are grouped by their category codes in the Operator Text field.

Alarms-Categories Report

The screenshot shows the "Continuum Alarm Statistics Report" interface. It displays a summary of alarm counts and percentages for selected categories. The report can be saved to a CSV file for easy import and graphing.

Alarms Statistics Report

STANDARD ANDOVER CONTINUUM REPORTS FOR NON-CYBERSTATION WORKSTATIONS

This option provides the ability to run standard Andover Continuum reports on non-CyberStation workstations. These six standard reports are:

- Access Events
- Access Events Sorted by Department
- Alarms
- Areas/Cardholders
- Areas/Doors
- User Activity

Note: No Andover Continuum security is supported for this feature, and network connectivity to the Andover Continuum file server is required.

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SDS-C-RPTMODULES-US
05/06



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