

CrossTalk™ Archive Alarm Viewer

Powerful Convenient Access To Archived Alarms

- ◆ CrossTalk™ Archive Alarm Viewer facilitates long term analysis and historical querying of HP TeMIP alarms
- ◆ Uses the standard HP TeMIP Archive Alarm Database table with optional support for table indexing
- ◆ Supported on Unix and Windows platforms
- ◆ Powerful, easy to use point and click GUI with an HP TeMIP look and feel

HP TeMIP alarms are periodically archived to an Oracle database and subsequently deleted from the HP TeMIP MIR files (purged) after a configurable period of time. Alarms are archived to the Oracle database to facilitate long term analysis and historical queries. The CrossTalk™ Archive Alarm Viewer provides the means to browse the archive alarm database using a "HP TeMIP look and feel" GUI that is launched from the Windows HP TeMIP Client or Classic Unix GUIs. It allows Operators to specify selection criteria in order to display individual alarms, or groups of alarms stored in the Oracle database. It also has the capability when used with the CrossTalk™ Alarm Logger, to search and display archived alarms which have been filtered by HP TeMIP Low Level Event Filtering.

Filters and Searches

A Filter is a list of selection criteria entered via the GUI and is used to select a view of archived alarms from the database. Selection criteria can be entered from a predefined list of options displayed in the Selection Window (right). Values such as Managed Object, Probable Cause, Dates etc. are entered to display the alarms of interest. Wild Carding, Help and Display Choice List Boxes are supported. The viewer also introduces calculated fields such as "Time to Clear" and "Time to Acknowledge".

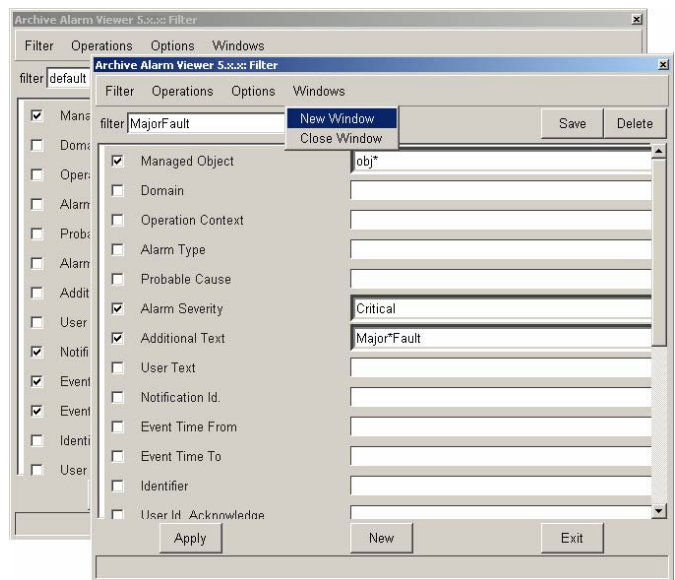
Multiple filters can be created, saved, opened or modified on a per user basis. A Filter is applied by clicking on the "Apply" button, which initiates the search and displays the results in the Alarm Browser window. Multiple instances of the Alarm

Browser can be open at the same time using different search filters and full alarm details can be displayed by double clicking on the alarm entry.

Table Indexing

Well constructed table indexing can significantly reduce the query response time. This option is strongly advisable where large numbers of alarms are stored in the Archive Alarm database.

Selection Window



Alarm Browser

Alarms are displayed in the Alarm Browser Window. Features include:

- ◆ Scrolling
- ◆ Save or print options
- ◆ Display full alarm information
- ◆ Customization of displayed fields and alarm sort order

CrossTalk™ Archive Alarm Viewer

The screenshot displays the 'Archive Alarm Viewer 5.x.x: Viewer' application. The main window features a filter name 'default' and indicates that 6600 alarms have been retrieved. Below this is a table of alarm records with columns: Managed Object, Time to Clear, Alarm Clear Time, and User Id. The records are color-coded (red, green, yellow). A secondary window, 'Alarm Information: OPERATION_CONTEXT LOCAL_NS.bc_oc', is overlaid on the right, showing a table of 'Attribute Name' and 'Attribute Value'. The attributes include: AO Identifier Attribute, Alarm Object ID (9), AO Characteristic Attributes, Managed Object (OSI_SYSTEM LOCAL_NS:.ewmip_osilocal), Target Entities ({ OSI_SYSTEM LOCAL_NS:.ewmip_osilocal }), Alarm Type (CommunicationsAlarm), Event Time (1999-FEB-15-10:12:03), Probable Cause (FramingError), Security Alarm Cause, Specific Problem, Perceived Severity (Warning), Backed Up Status, Backup Object, and Trend Indication. Navigation buttons like 'Previous', 'Next', 'Save', 'Print', and 'Dismiss' are visible at the bottom of the detail window.

Alarm Browser and Alarm Detail Windows

Key Features

- ◆ Powerful convenient access to archived alarms for HP TeMIP Operators
- ◆ Available on Unix and Windows platforms
- ◆ Easy to use point and click GUI
- ◆ View alarms across multiple Operation Contexts
- ◆ User selectable search filters
- ◆ Wild card searches and display choice list boxes
- ◆ Segmented search option
- ◆ HP TeMIP look and feel
- ◆ Supports calculated fields
- ◆ Save, print or customize reports
- ◆ User selectable sort order for queries
- ◆ User customizable display with save option

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