

# CrossTalk™ Alarm History Player

*Alarm History Player for HP TeMIP*

- ◆ Access HP TeMIP Archive Alarm database and create list of alarms to replay
- ◆ Graphical User Interface to control alarm replay
- ◆ Console application for automating test scenarios
- ◆ Comprehensive range of alarm injection methods and replay timing modes
- ◆ Integrated alarm editor to modify alarms before sending them

## OVERVIEW

The CrossTalk™ Alarm History Player is a sophisticated and powerful tool facilitating the replay of captured alarm scenarios into HP TeMIP. It greatly simplifies the task of HP TeMIP system testing, Expert System and Alarm Application testing, as well as providing a useful training tool for operators. It supports scenario replay from the HP TeMIP Alarm Archive database and CrossTalk™ Alarm Logger log files. Scenarios are stored in replay files and can be merged as required to build complex alarm replay scenarios.

## KEY FEATURES:

### AHP Console Application

Can be launched from a script or invoked from the Unix shell. It implements the same mode/replay options as those available via the GUI .

### AHP GUI

The AHP GUI provides a powerful search and selection capability on the HP TeMIP Alarm Archive database, allowing operators to select groups of alarms relevant to a test/training scenario.

### Alarm injection mechanisms

Alarm data can be introduced into the HP TeMIP Framework in a number of ways:

- ◆ As events that bypass HP TeMIP Low Level Event Filtering
- ◆ As events that are subjected to HP TeMIP Low Level Event Filtering
- ◆ As events via `submit_event` directives available in the HP TeMIP environment

- ◆ As events with a Managed Object modified to a chosen `OSI_SYSTEM` object
- ◆ As alarm objects directly into an Operation Context

### Replay Modes

Alarms can be replayed in a number of modes:

- ◆ In real time maintaining the original time interval between selected replay alarms
- ◆ In sequence at a user configurable interval
- ◆ Manually—operator decides when each alarms is issued
- ◆ Using user settable break points
- ◆ The tool also allows user configurable tagging of *additional text* when replaying the alarm, so that new alarms can be differentiated from existing ones

### Integrated Alarm Editor

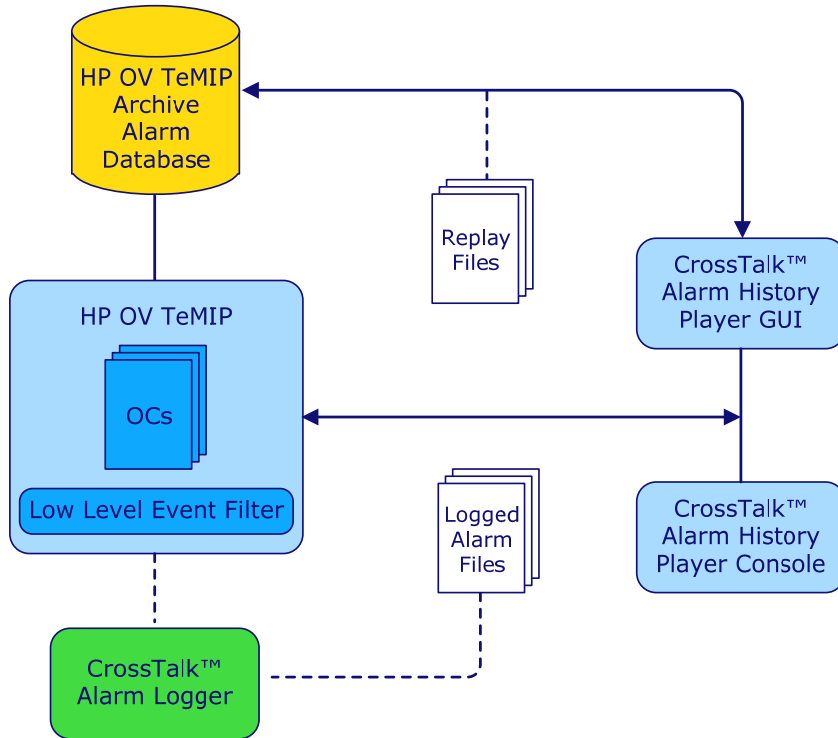
Alarms loaded into the application can be edited using an integrated alarm editor and saved to replay files.

### Alarm Logger Log File Import

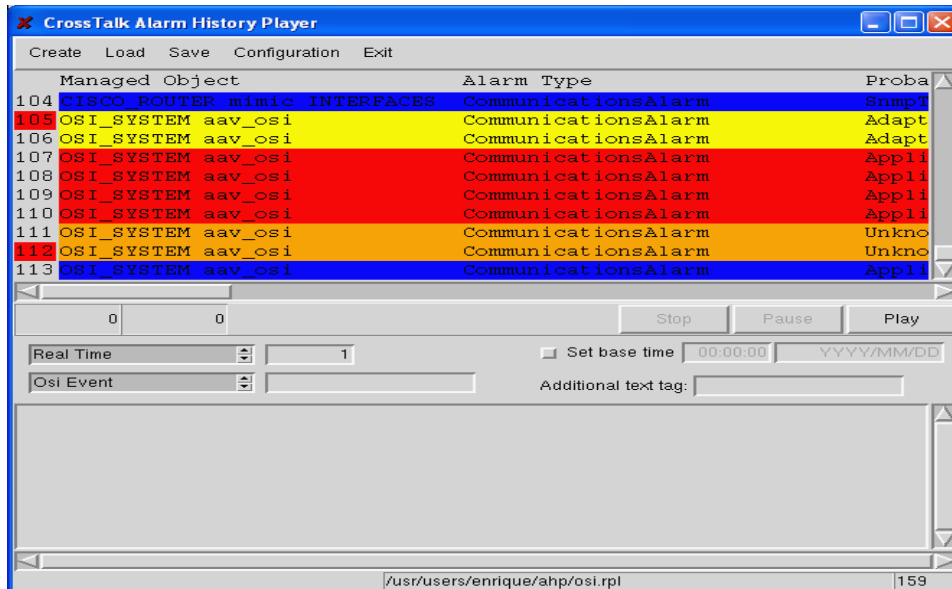
As an alternative source for constructing replay alarm files CrossTalk™ Alarm Logger log files can be selected and imported.

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## Interactions:



## Sample Screen:



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