

## CrossTalk™ Mediation Products

### *HP TeMIP—Aircom Optima Liaison*

- ◆ Seamless integration of Aircom International's Optima Performance Management System with HP TeMIP
- ◆ Enables the power of these leading products to be fully exploited and utilized in a combined architecture for heterogeneous network management
- ◆ High value performance and quality of service alerts from Optima are forwarded to HP TeMIP for presentation and management
- ◆ First line fault and performance management can be provided through HP TeMIP, without the need to refer directly to the Optima system
- ◆ Features include powerful entity modelling and mapping, full resynchronization, contextual launch of the Optima WebWizard GUI, and inter-system connection

#### OVERVIEW

##### **Real Entity Model**

Intelligent modelling can target Optima alerts to any existing HP TeMIP entity model. Performance alarms can be modelled against real network or logical entities equating to network elements.

Alarms are raised with an Optima specific target entity allowing accurate operation context alarm management. Whilst alarm managed objects can be set to any entity model class or instance, giving the solution the advantage of target granularity. This approach also eliminates the need for complex object instantiation (no data-load is required other than optima reference entities).

##### **Configurable Mapping Rules**

Mapping of Optima alerts to HP TeMIP alarms is highly configurable using the CrossTalk™ Mapper engine. Rules to translate Optima alerts into HP TeMIP events can be modified and dynamically reloaded. The CrossTalk™ Mapper GUI is available as a graphical editor for the mapping rules.

##### **Resynchronisation**

Full resynchronisation between HP TeMIP and Optima is supported. This ensures recovery (manual or automatic) in the event of communications loss or system re-connection.

##### **Duplication Monitoring**

Full alarm anti-duplication monitoring enables the liaison to guarantee operation context integrity. Full support for operation context resynchronisation using the HP TeMIP Resync\_FM is provided.

##### **Contextual Launch of Optima WebWizard GUI**

From the HP TeMIP Client contextual launch of the Optima WebWizard web-based GUI is available. This feature enables an operator to generate interactive web reports based on the managed object and event time of the selected alarm.

##### **Failover Capability**

HP TeMIP side supports configuration of an Optima failover host and directive or automatic based switching to this failover system for performance alarm collection.

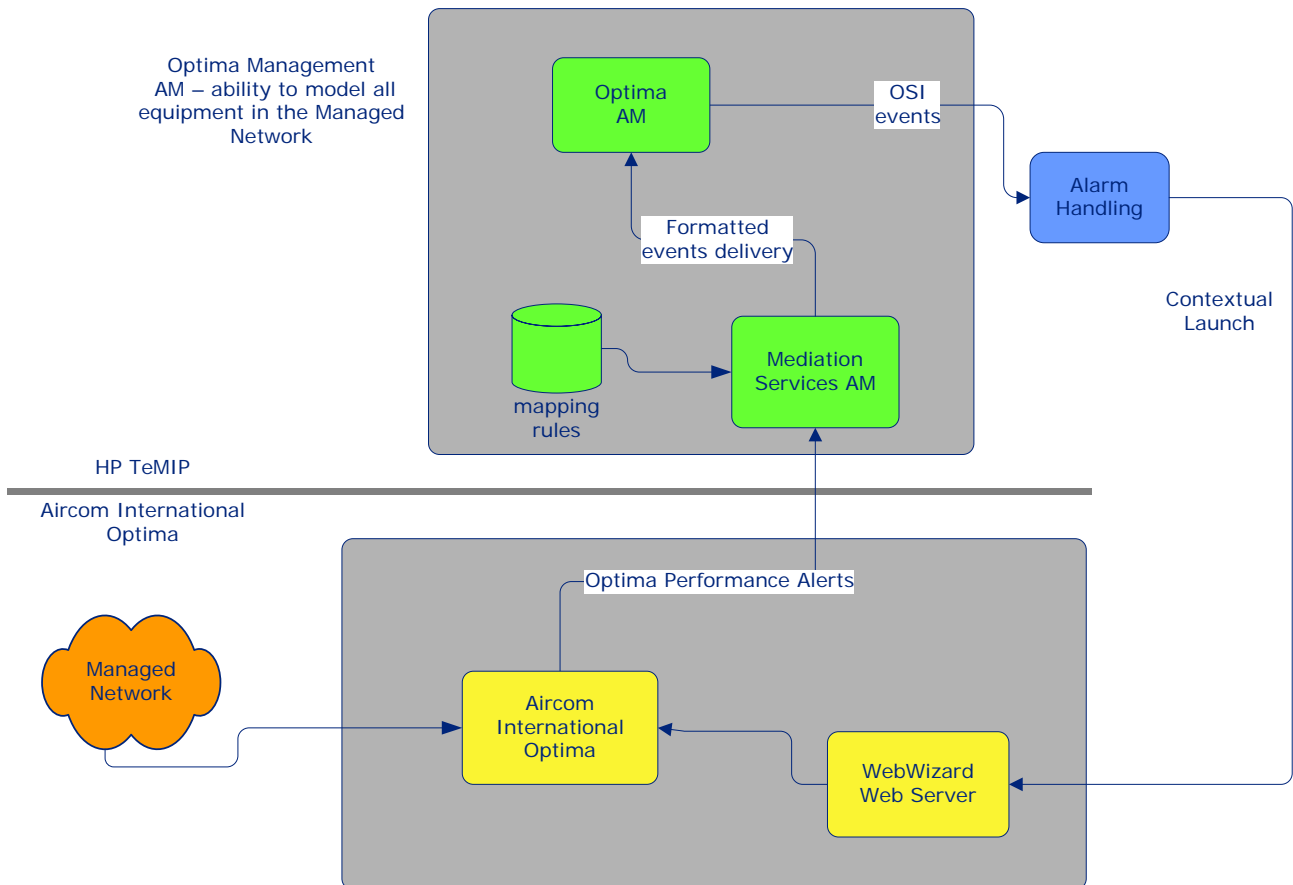
##### **Configurable Optima Alert Forwarding**

Optima liaison side provides configurable forwarding of Optima alerts. Enables scope of what is forwarded to HP TeMIP to be carefully controlled. Can be configured as needed.

##### **Inter-System Connection Monitoring**

Routine heartbeat is provided between HP TeMIP and Optima to detect loss of communication. Alarm generation on loss of connection and alarm clearance plus automatic resynchronisation on re-connect is supported

# Architecture



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