CrossTalk™ Liaison Products

HP OpenView TeMIP—AIRCOM OPTIMA Liaison

- Full integration of AIRCOM International's OPTIMA Performance Management System with HP OpenView TeMIP
- Significantly enhances fault management by leveraging crucial "near real time" performance management information which can indicate potential problems with the network
- High value performance and quality of service alerts from OPTIMA are forwarded to HP OpenView TeMIP for presentation and management
- Context sensitive launch of OPTIMA Reports from HP OpenView TeMIP for the affected equipment identified in such alerts
- Functionally rich liaison; including powerful entity modelling and mapping, full resynchronization, and inter-system connection monitoring

OVERVIEW

Entity Modelling

The CrossTalk™ AIRCOM OPTIMA Liaison's intelligent modelling can target OPTIMA alerts to any existing HP OpenView TeMIP entity model. Performance alarms can be modelled against real network or logical entities equating to network elements.

Alarms are raised against an OPTIMA specific target entity. Alarm managed objects are set to the actual entity model instance relating to the performance alert giving operators clear visibility of the affected equipment. This approach 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 OpenView TeMIP alarms is highly configurable using the CrossTalk™ Mapper engine. Rules to translate OPTIMA alerts into HP OpenView 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 OpenView TeMIP and OPTIMA is supported. This ensures recovery (manual or automatic) in the event of communications loss or system re-connection.

Performance Alarm De-Duplication

Full Performance Alarm De-duplication monitoring enables the liaison to guarantee operation context integrity. Full support for operation context resynchronisation using the HP OpenView TeMIP Resync_FM is provided.

Contextual Launch of OPTIMA WebWizard GUI

Contextual launch of the OPTIMA WebWizard web-based GUI is available from the HP OpenView TeMIP Client. This feature enables an operator to generate interactive web reports based on the affected equipment managed object and event time of the selected alarm.

Failover Capability

The HP OpenView TeMIP side supports configuration of an OPTIMA failover host and manual or automatic based switching to this failover system for performance alarm collection.

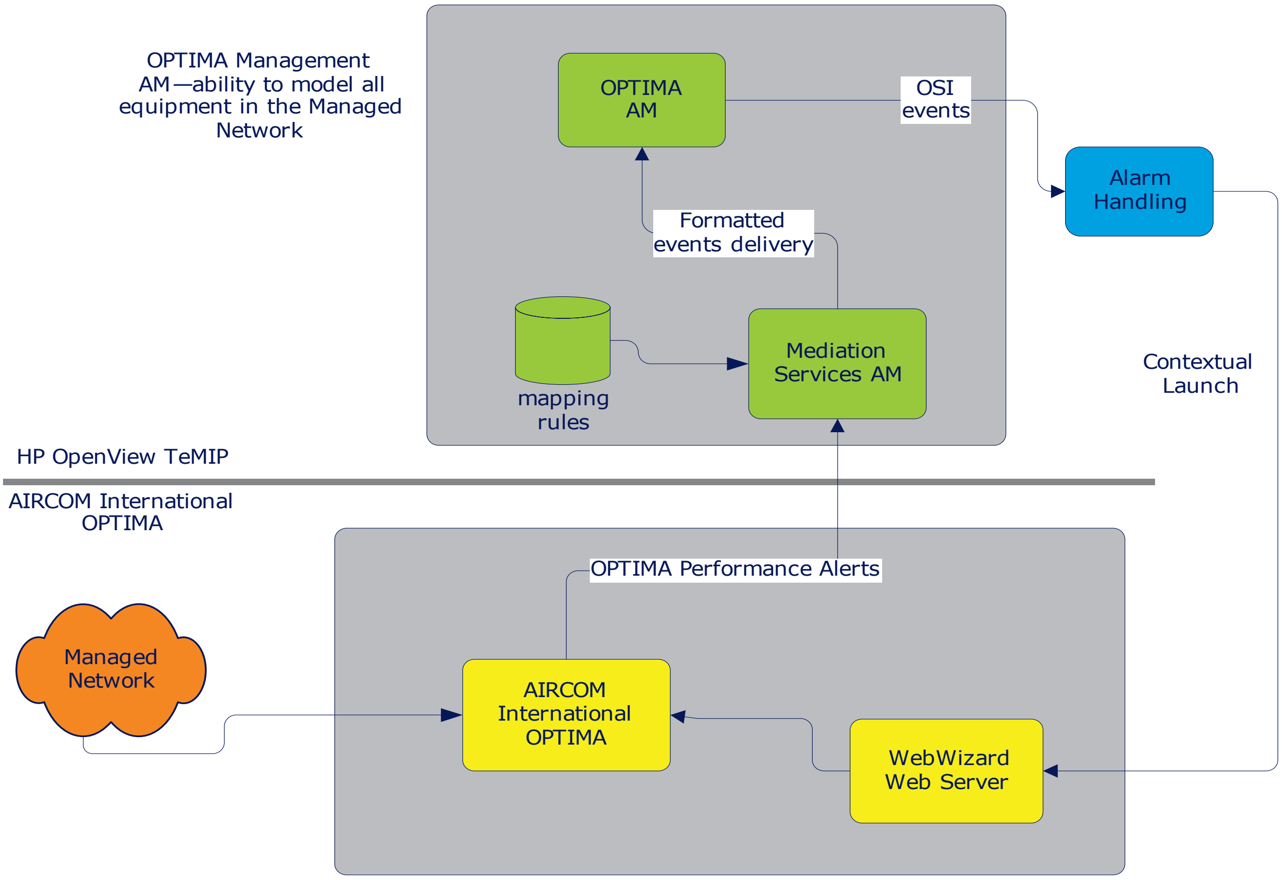
Configurable OPTIMA Alert Forwarding

The OPTIMA liaison provides configurable forwarding of OPTIMA alerts. This enables the scope of what is forwarded to HP OpenView TeMIP to be carefully controlled. This can be configured as needed.

Inter-System Connection Monitoring

Heartbeat monitoring is provided between HP OpenView TeMIP and OPTIMA to detect loss of communication. Alarm generation on loss of connection and alarm clearance plus automatic resynchronisation on re-connection is supported.

Architecture



Key Features:

- Reception of "near real time" performance alerts from OPTIMA
- Configurable performance alarm mapping and modelling in HP OpenView TeMIP
- Contextual launch of OPTIMA WebWizard GUI
- HP OpenView TeMIP Resynchronisation support
- HP OpenView TeMIP Low level event filter support
- HP OpenView TeMIP—OPTIMA heartbeat monitoring and automatic resynchronisation

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