CrossTalk™ Liaison Products

HP OpenView TeMIP—EMC Smarts Liaison

- Seamless integration of EMC Smarts with HP OpenView TeMIP
- Enables the power of these leading products to be fully exploited and utilized in a combined architecture for heterogeneous network management
- High value Root Cause and MPLS VPN alerts from EMC Smarts are forwarded to HP OpenView TeMIP for presentation and management
- First line fault management can be provided through HP OpenView TeMIP, without the need to refer directly to the Smarts system
- Features include powerful entity modelling and mapping, full resynchronization, bi-directional operator alarm status updates, contextual launch of the Smarts GUI and inter-system connection monitoring

OVERVIEW

Equipment and Service Based Model

Full modelling of both EMC Smarts Equipment and Services (VPNs) entities in HP OpenView TeMIP. Alerts forwarded from EMC Smarts mapped against the appropriate entity. Large set of HP OpenView TeMIP classes (extensible) are provided to support this modelling.

Configurable Mapping Rules

Mapping of EMC Smarts alerts to HP OpenView TeMIP alarms is highly configurable using the CrossTalk™ Mapper engine. Rules to translate EMC Smarts 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.

Bi-directional Acknowledge & Terminate

B-directional alarm acknowledgement/ termination synchronization of equipment alarms between HP OpenView TeMIP and EMC Smarts.

On detection of HP OpenView TeMIP operator acknowledgement/termination of an alarm, a corresponding own/acknowledgement is propagated into the EMC Smarts alarm handling environment. Conversely, an acknowledgement issued from the EMC Smarts system results in an "Acknowledgement" Message being transmitted to the HP OpenView TeMIP system. The liaison side associates the acknowledgement with the relevant HP OpenView TeMIP alarm.

Resynchronisation

Full resynchronisation between HP OpenView TeMIP and EMC Smarts. Ensures recovery (manual or automatic) in the event of communications loss or system re-connection.

Contextual Launch of EMC Smarts GUI

From the HP OpenView TeMIP Client contextual launch of the EMC Smarts web-based graphical application is available.

EMC Smarts Failover Capability

HP OpenView TeMIP side supports configuration of an EMC Smarts failover host and directive based switching to this failover system.

Multiple EMC Smarts SAM Host Connection

Liaison supports configuration of multiple EMC Smarts SAM host systems.

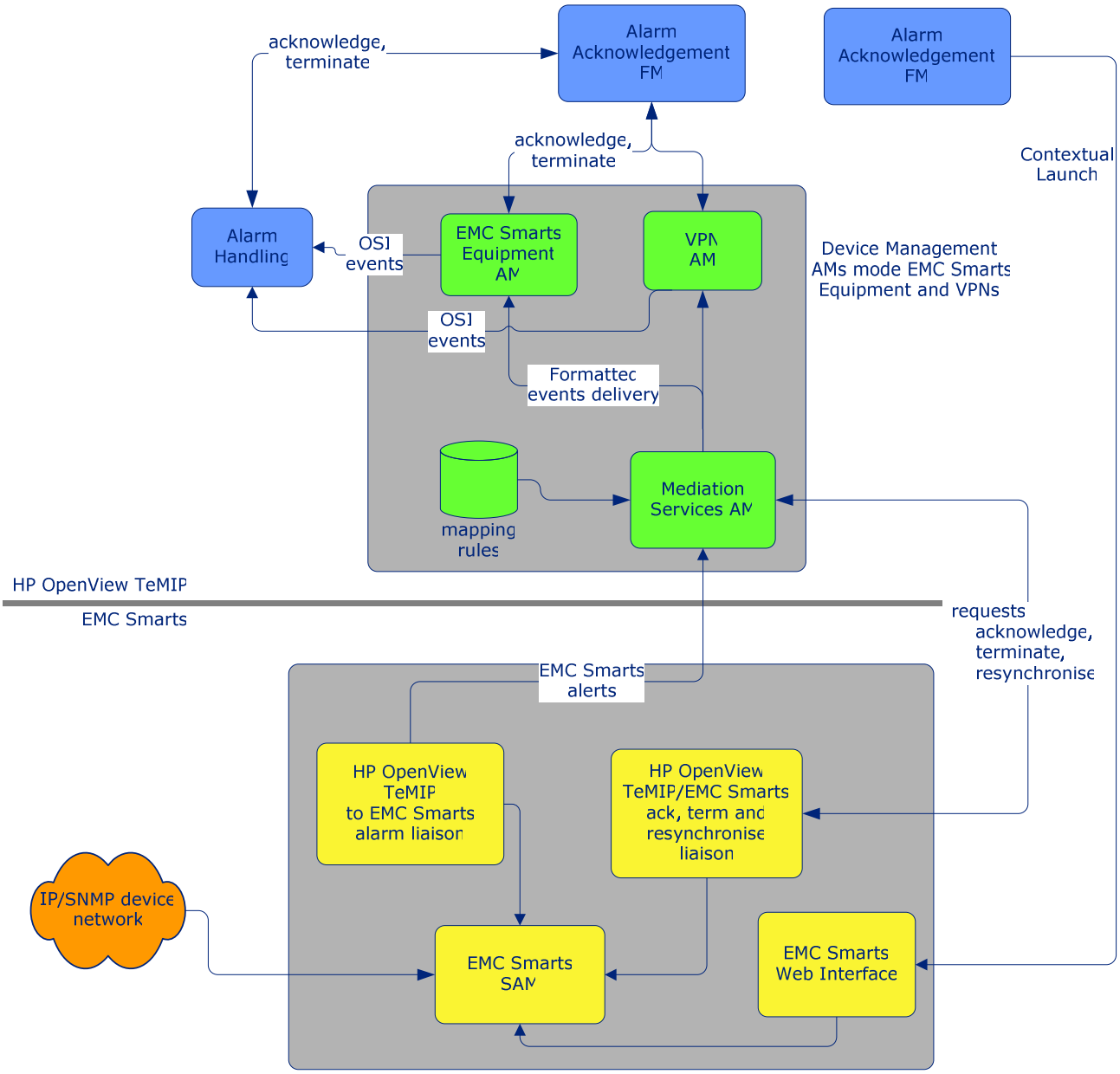
Configurable EMC Smarts Alert Forwarding

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

Inter-System Connection Monitoring

Routine heartbeat provided between HP OpenView TeMIP and EMC Smarts to detect loss of communication. Supports appropriate alarm generation and switchover to EMC Smarts failover system, if available.

Architecture



Systems Mechanics Ltd

Ferndale Court, West End Road, Mortimer, Reading, RG7 3SY
Tel: +44 (0)118 9332220
Fax:+44 (0)118 9333807
Email: sales@sysmech.co.uk

CrossTalk™, SysMech™ and their respective logos are trademarks of Systems Mechanics Ltd. All other trademarks are the property of their respective holders. Information in this document is subject to change without notice.

Copyright © 2006 Systems Mechanics Ltd. All rights reserved.