XML Integration (Alarm Export)

Custom Integrations

Why XML Integrations (Alarm Exports) from LightSpeed PM?

Integrating XML into Foglight without our custom integration services would require:

- Creating a Custom Event Driven Rule
  - Command Invocation is required
  - Actions
- Groovy Scripting
  - Limited control over event information
  - Requires extensive Groovy Scripting for Control
- There are no options offered or available to define BPPM Fields in Foglight

XML Integration (Alarm Exports) – Highlights

Simplify exporting alarms to disk

- Customizable fields
- Ability to generate XML files
- **Remote Administration** of solution across servers
- Decision engine for total and precise control
  - 20 Levels of granularity
  - Severity Level control

XML Integration **Highlights**

Pattern Editor to easily access many of the information related to the alarm

- No Groovy required
- Access to dozens of fields to easily provide values to parameters
- A dozen common operators available to easily avoid any coding

Use of Groovy scripts for power users

- Use of Groovy scripting with complete injected flow context
- Ability to reject/delay ticket generation

Persisted Queue so no events are lost

- Guaranteed delivery
- Keep history for rejected, failed and successful operations for total control
- Pause or delay control
- Consumer Thread settings/control as to manage concurrency and volume.

XML Integration **Alarming Features**

Alarm Transition Support

- Can be turned ON or OFF
- Update tickets when alarm is transitioning from one severity to another.
- Can be either to higher severity only or any transition
- Close ticket only when the last alarm in the transition has been cleared

Auto Acknowledge Alarms
Alarm Flood Prevention

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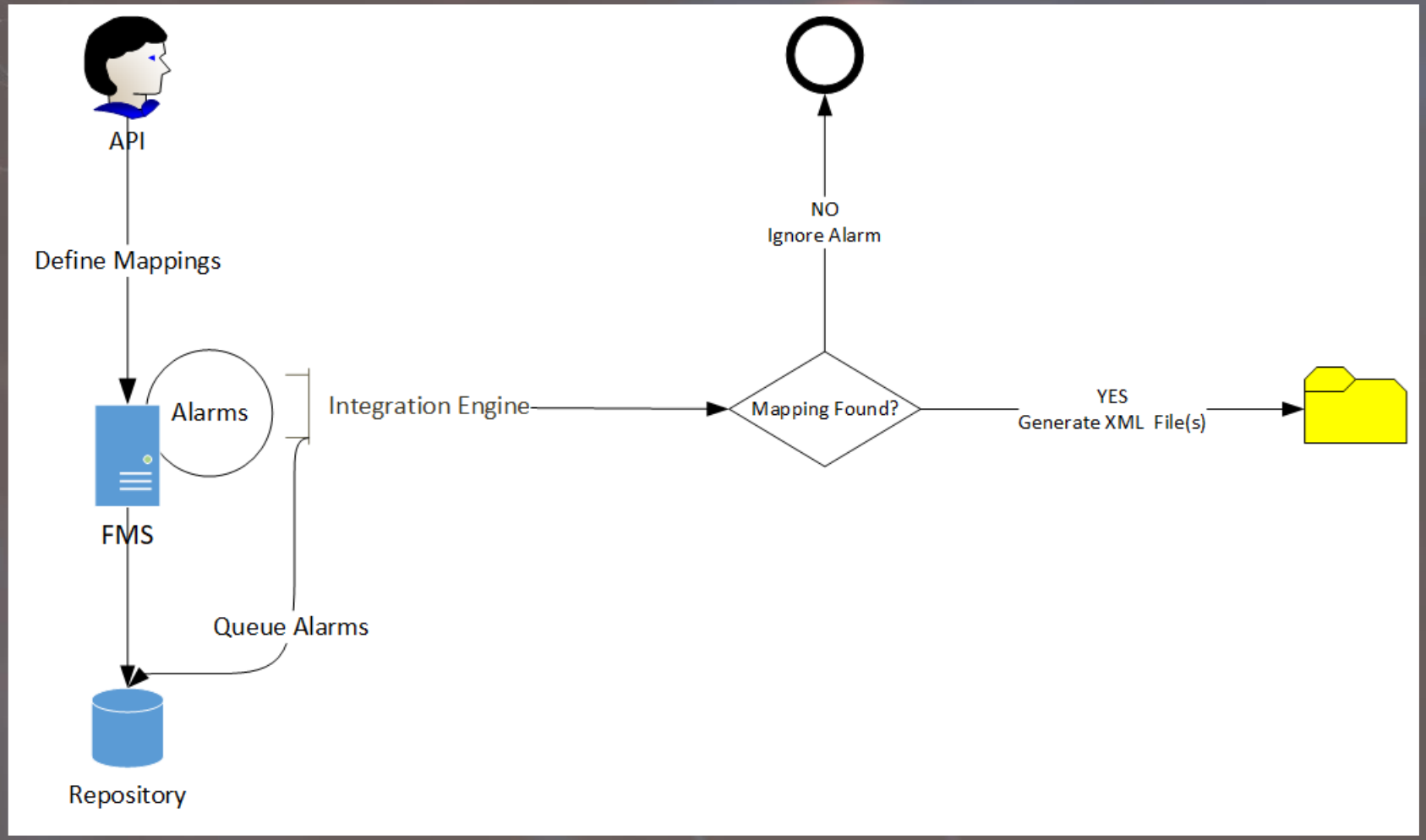
XML Integration (Alarm Exports) – Flow



XML Integration – Decision Engine

A rich UI within the solution presents the various mappings produced by the decision engine.

Low Priority

No Service

	Service	Host	Agent Type	Agent	Topology Object	Rule
0						
1		x				
2			x			
3				x		
4						x
5					x	
6		x				x
7			x			x
8				x		x
9					x	x
10	x					
11	x	x				
12	x		x			
13	x			x		
14	x					x
15	x				x	
16	x	x				x
17	x		x			x
18	x			x		x
19	x				x	x

High Priority

With Service

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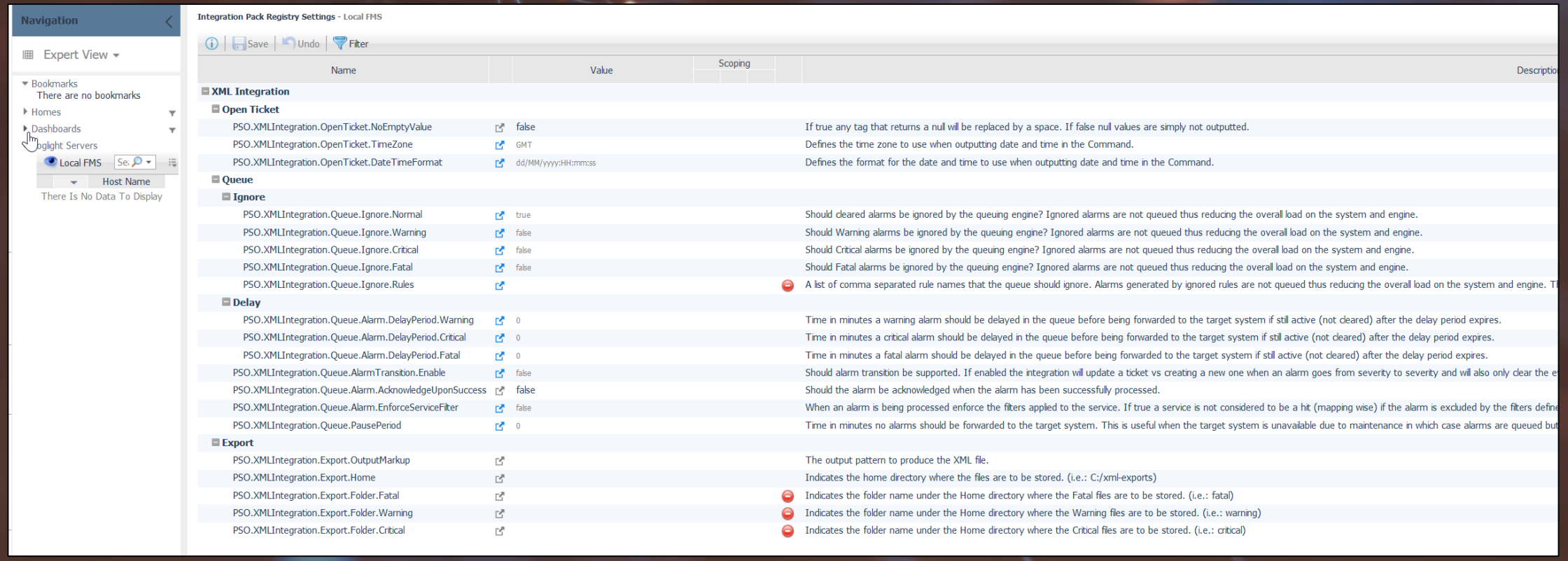
XML Integration – Changing Settings



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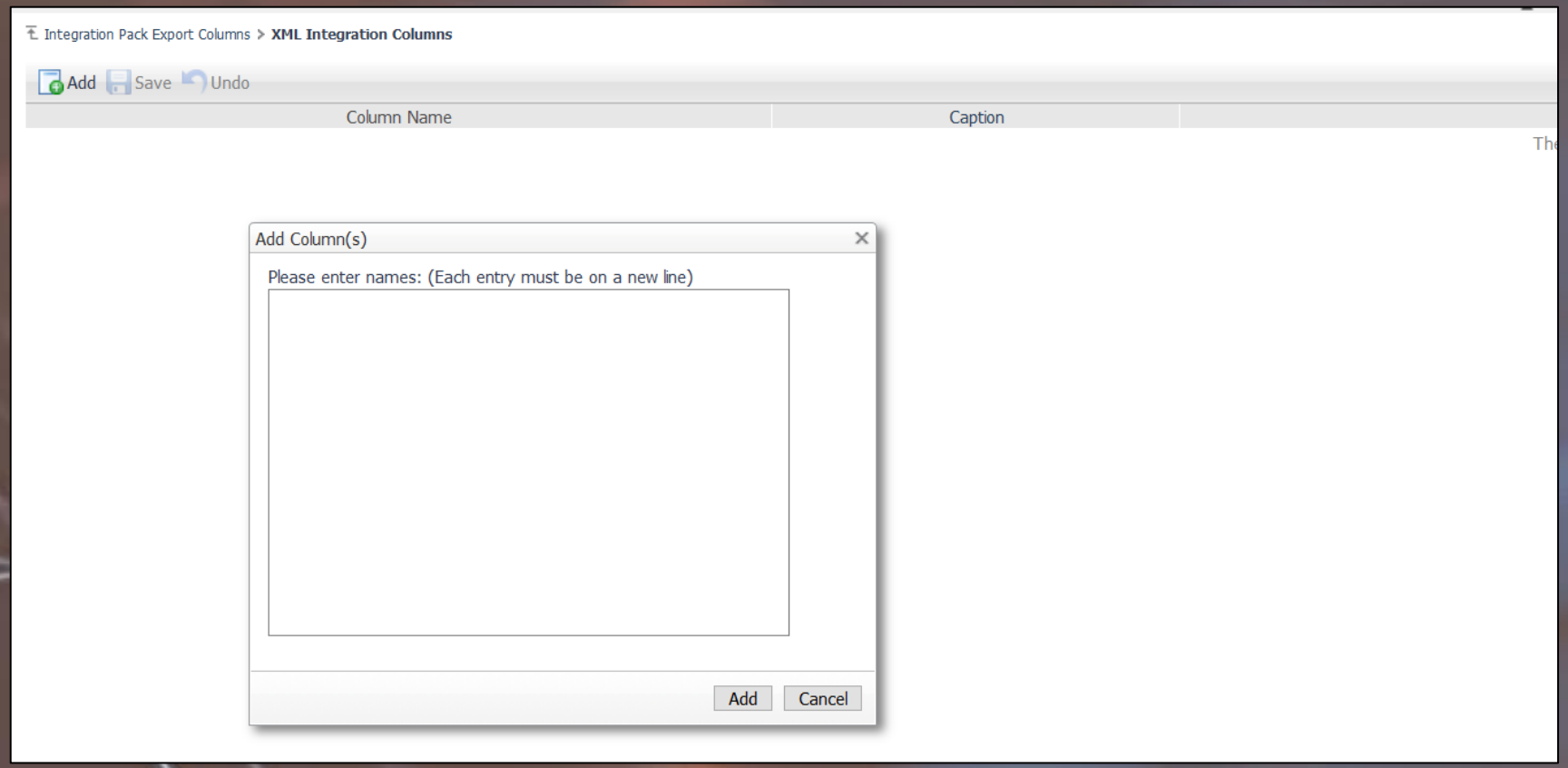

XML Integration (Alarm Exports) – Customizable Fields

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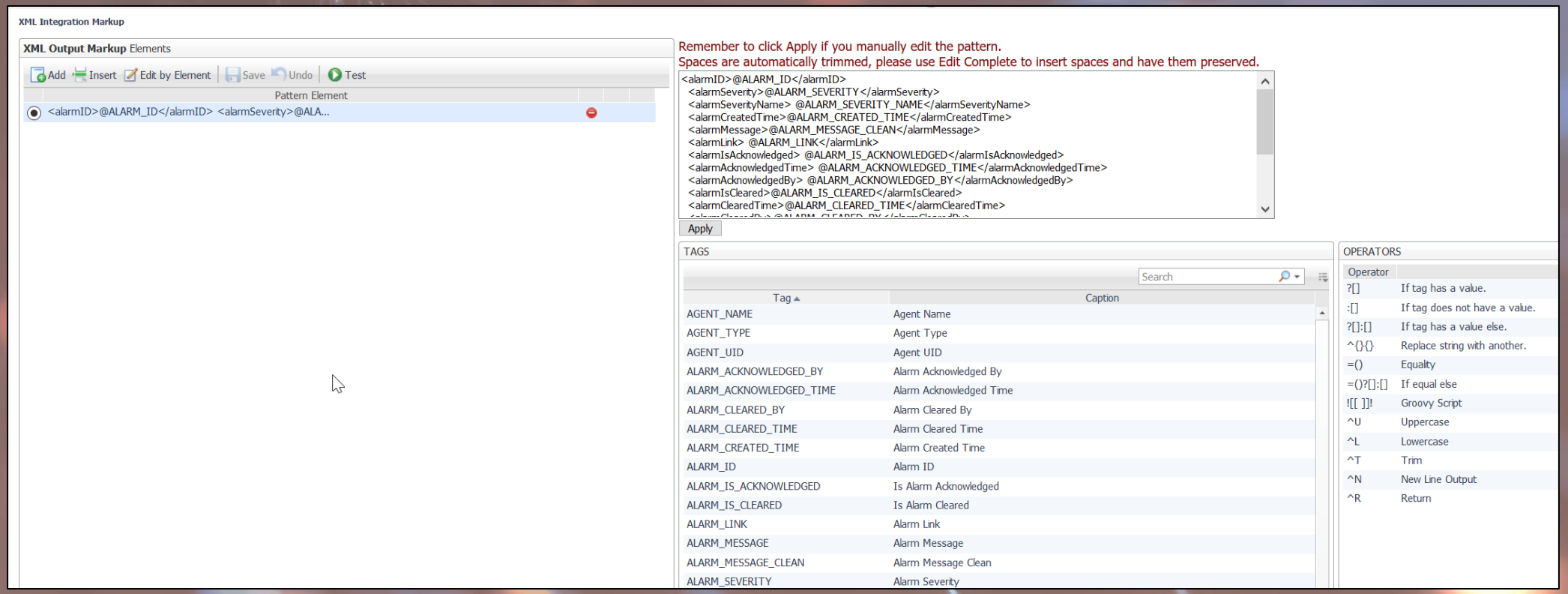

XML Integration (Alarm Exports)

Customizable Output

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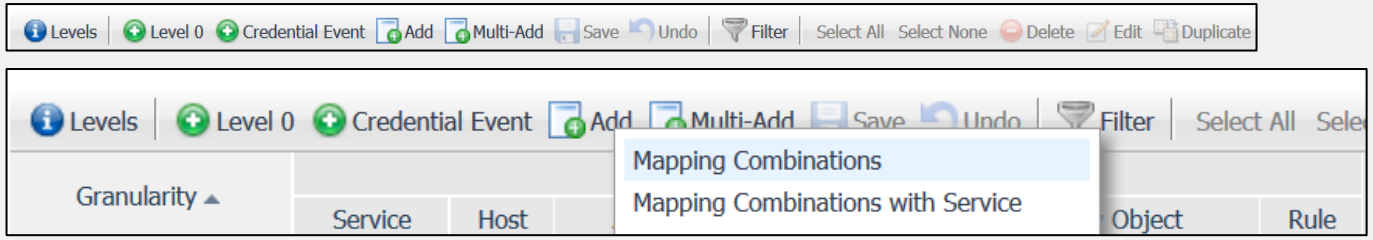
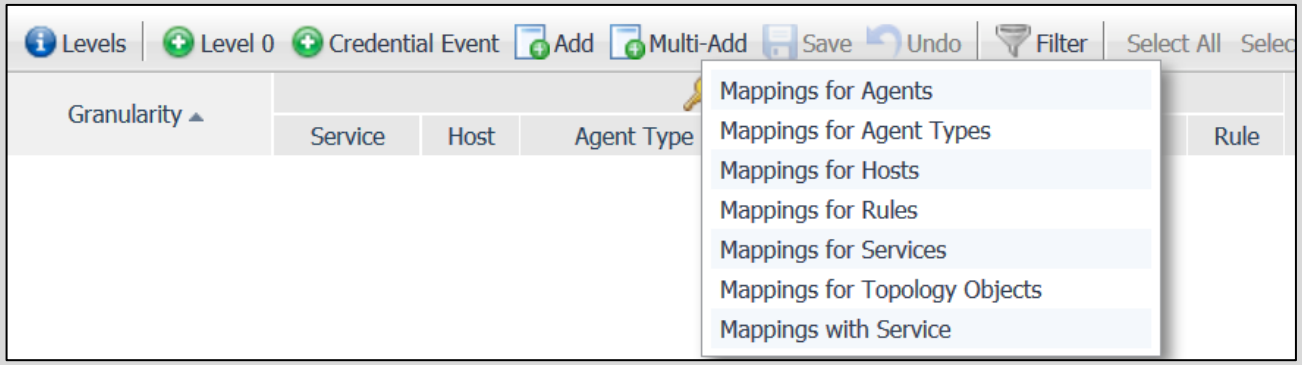
XML Integration – Mappings Editor

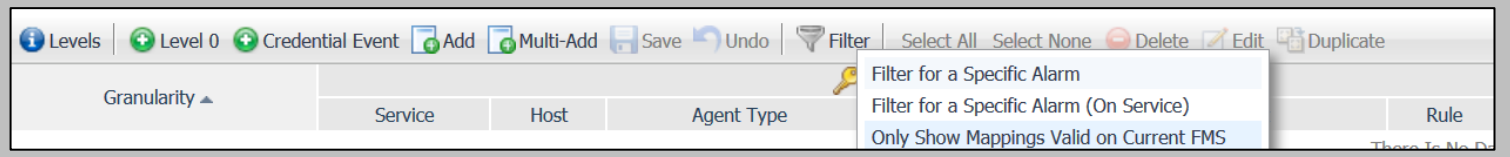
Combinations



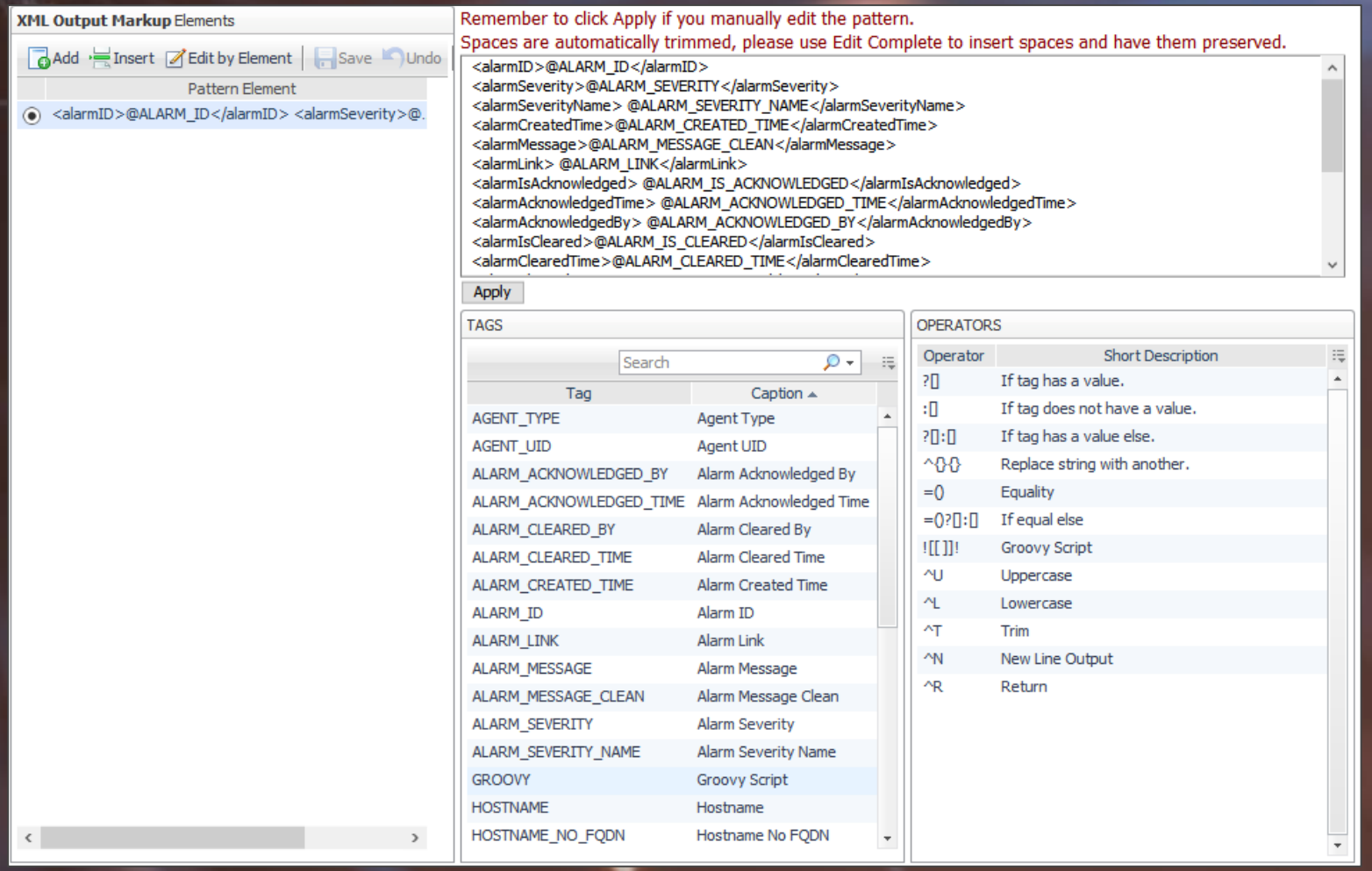
Multiple Mappings



Filtering



XML Integration (Alarm Exports) – Pattern Editor



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XML Integration (Alarm Export) – System Requirements

Minimum required FMS version: 5.9.3

Supported Database Minimum Version

MS SQL	2008 v 10.0.1600 or later
Oracle	9i R2
MySQL	5.1.45
PostgreSQL	9.4.0

Performance Monitoring customized to your unique environment

Ten plus years of providing Professional Services to Quest customers revealed these enhancements to be most requested modifications.

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Contact: Sales@LightSpeedPM.com