



Custom Integrations Why
ServiceNow
(Advanced)
from
LightSpeed PM?

Foglight's recently released out of the box solution is available at no cost when you purchase Foglight. Our custom integration services remove these additional challenges:

- Ticket assignment settings must be manually updated on each Foglight server as users and groups change in ServiceNow
- Minimal flexibility in ticket creation and categorization
- Ticket fields are restricted to a fixed set of values defined by the Foglight alarm
- Matrix comparison of features found on pages 15 and 16



Expand the capabilities of ticket creation and updates

Allows SNOW to determine how to create and categorize the ticket

Allows SNOW to assign to a group or individual

Allows for creation of multiple, highly configurable fields to transport

Uses Services and integration to deliver alerts to open tickets - not ID constrained

Simplify ServiceNow Integration With LightSpeed PM's Custom Cartridge

Advanced Rich UI for All Functionalities

Customizable REST Invocation Support

- Create/Update tickets
- Ability to export data
- Flexible parameter definitions
- Auto Annotate Alarms with returned information

Customizable Command Line Invocation Support

Remote
Administration of solution across servers

Decision Engine for total / precise control

- 20 levels of granularity
- Severity Level control



ServiceNow (Advanced) Integration Highlights

Pattern Editor: easily access 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.



ServiceNow (Advanced) Integration Alarming Features

Auto Acknowledge Alarms

Alarm Flood Prevention

Alarm Transition Support

Can be Turned ON or OFF

Update tickets when alarm is transitioning from one severity to another.

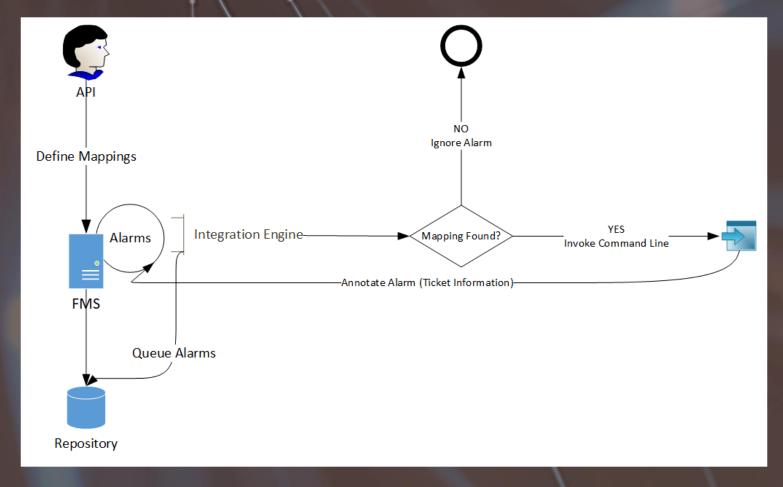
Can be either to higher severity only or any transition

Close ticket only when the last alarm in transition has been cleared

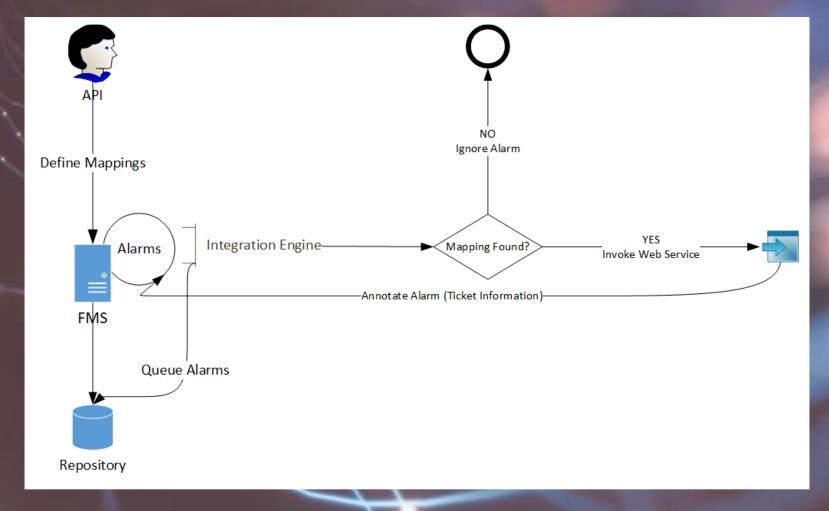
All transition information is accessible from the Pattern Editor

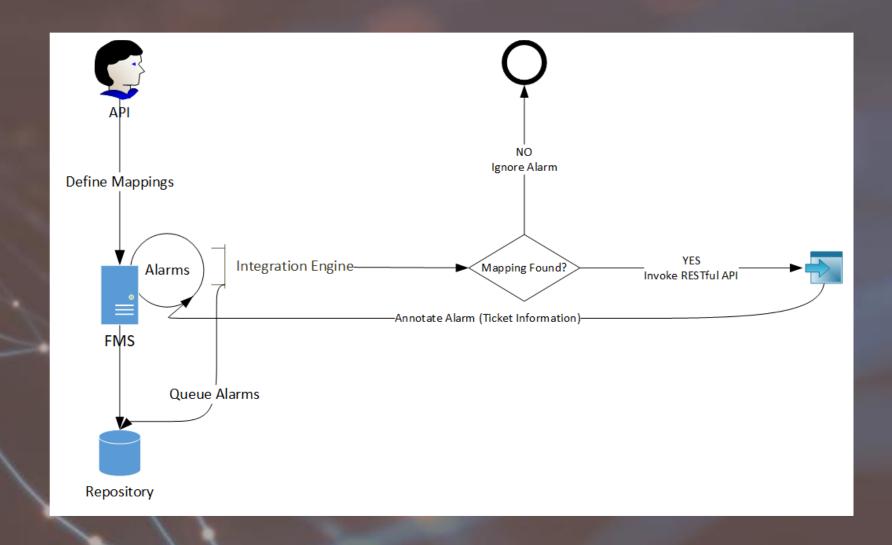


ServiceNow (Advanced) Integration Command Line Flow



ServiceNow (Advanced) Integration Web Service Flow

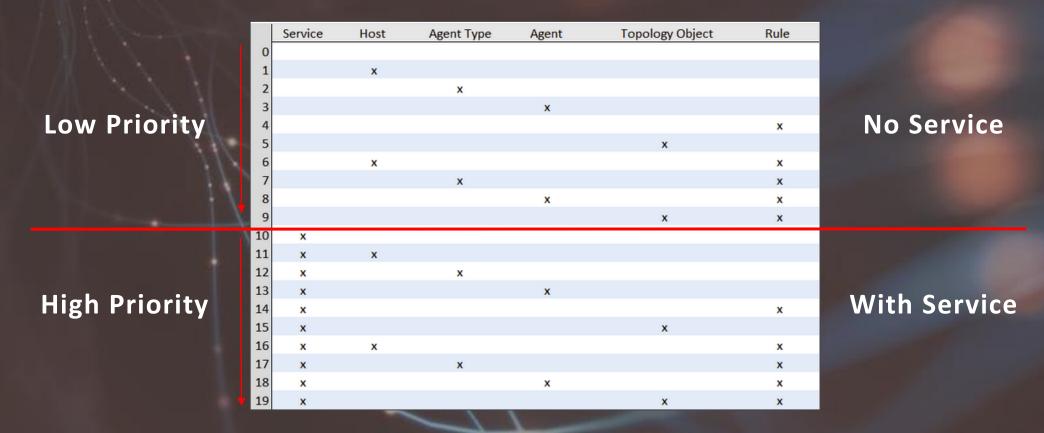




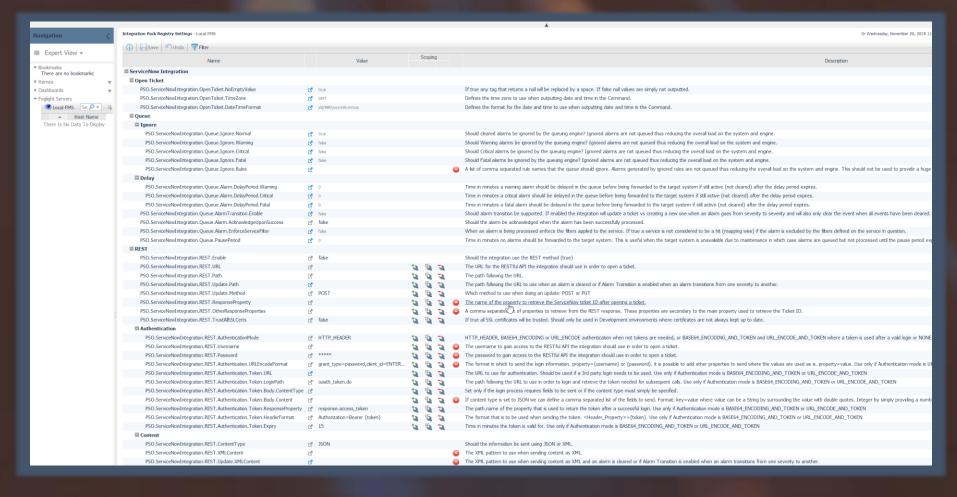
RESTful API Flow

ServiceNow Integration — Decision Engine

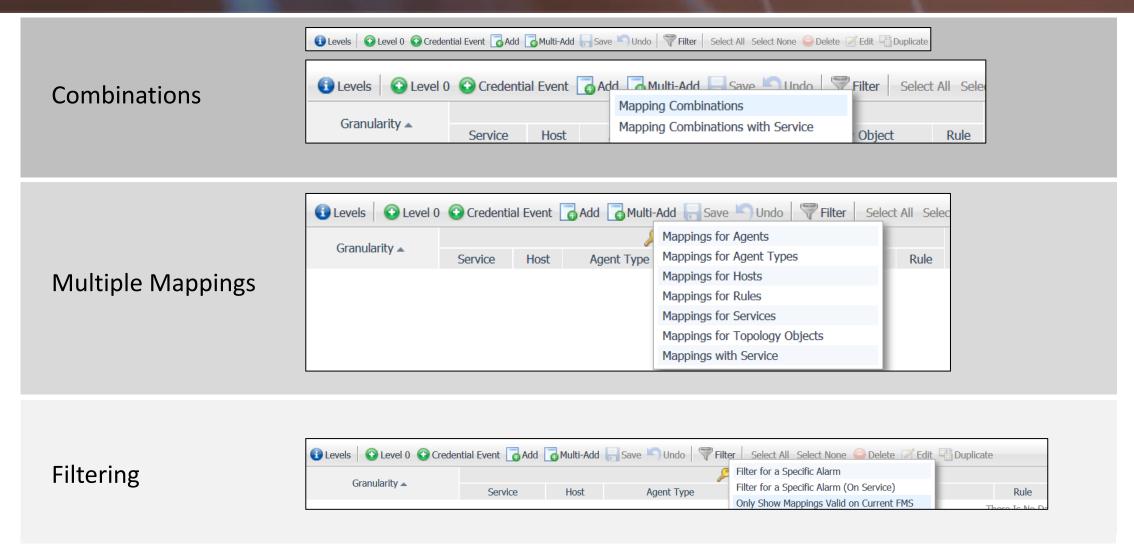
A rich UI within the solution presents the various mappings produced by the decision engine



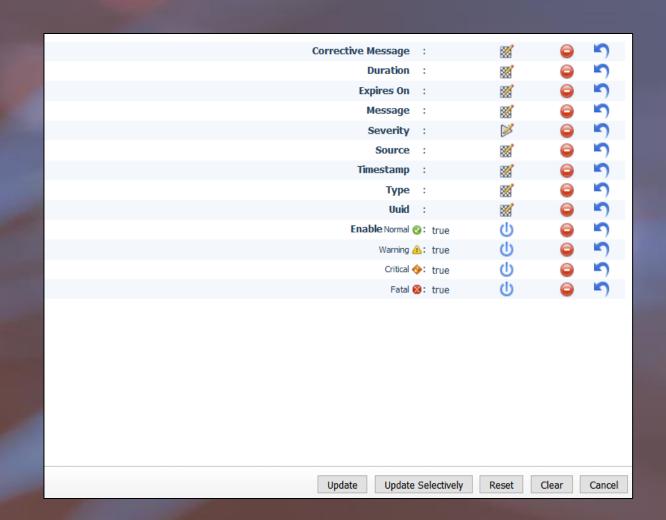
ServiceNow (Advanced) Integration Changing Settings



ServiceNow (Advanced) Integration Mappings Editor

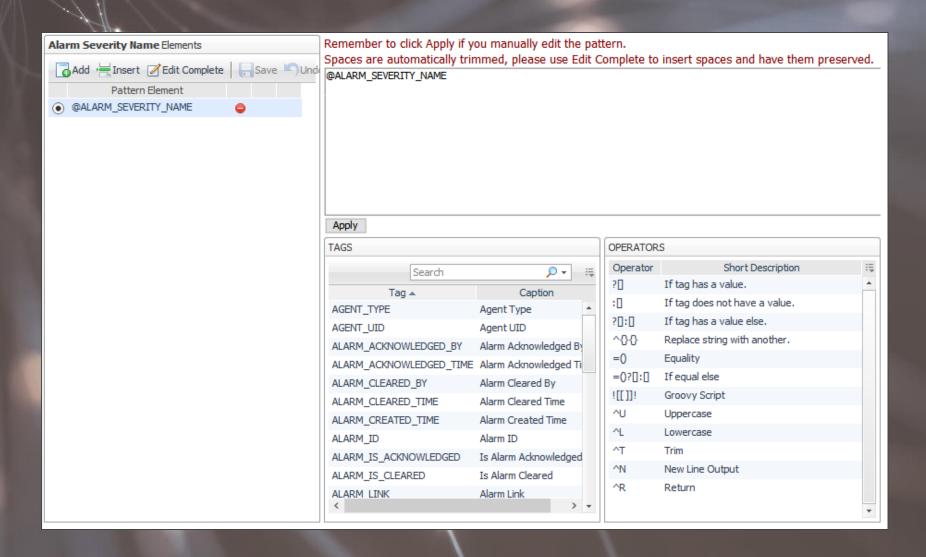


Field Editor





Pattern Editor



Foglight comparison to ServiceNow (Advanced)

Function	ООТВ	SNOW Integration Advanced
Create a ticket from an alert	X	X
Uses REST API	х	Х
Customizable Web Service/REST invocation support		Х
Customizable Command Line invocation support		Х
Clear/Acknowledge Alarms	Polled 15 minutes	Automatic/Realtime through REST
Close ticket when last alarm is cleared	X	Х
Auto Annotate Alarms with returned information (Ticket number or other information)		X
Ability to reject/delay ticket generation		X
User overrides – Customer can define ticket impact/urgency		X
Assign a ticket to a username/id	Acquired from SNOW	Not required – assignment based on values in mapped fields
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		Х

ServiceNow (Advanced) Comparison (continued)

Function	ООТВ	SNOW Integration Advanced
Ability to send multiple additional custom fields – Pattern editor for user friendly/easy configuration	x	X
Use of groovy scripts for power users, including complete injected flow context		х
Decision engine for precision control 20 Levels of granularity Severity Level control		X
Log History for failed attempts		X
Pause or Disable Ticket Creation	X	X
Manageable Mapping -Up to 20 different Levels from generic, Rule Level, Service Level down to a specific Topology Object (Map once and apply to all FMS's)		Х
Remote/Centralized Administration from one FMS (for multi-FMS environments)		X
Persisted Queue so no events are lost		X
 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 All transition information is accessible from the Pattern Editor 		X

System Requirements



Minimum required FMS version

5.9.3



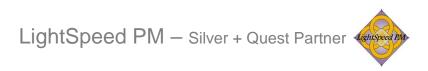
Supported MS SQL 2008

v 10.0.1600 or later

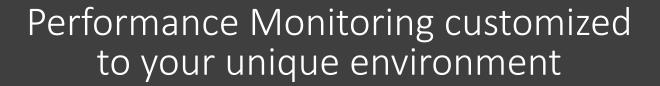
Database Oracle 9i R2

Minimum MySQL 5.1.45

Version PostgreSQL 9.4.0







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

Let us take Foglight's out of the box capabilities and enhance for your unique environment.

Contact: <u>Sales@LightSpeedPM.com</u>

