



TECHNICAL DATASHEET

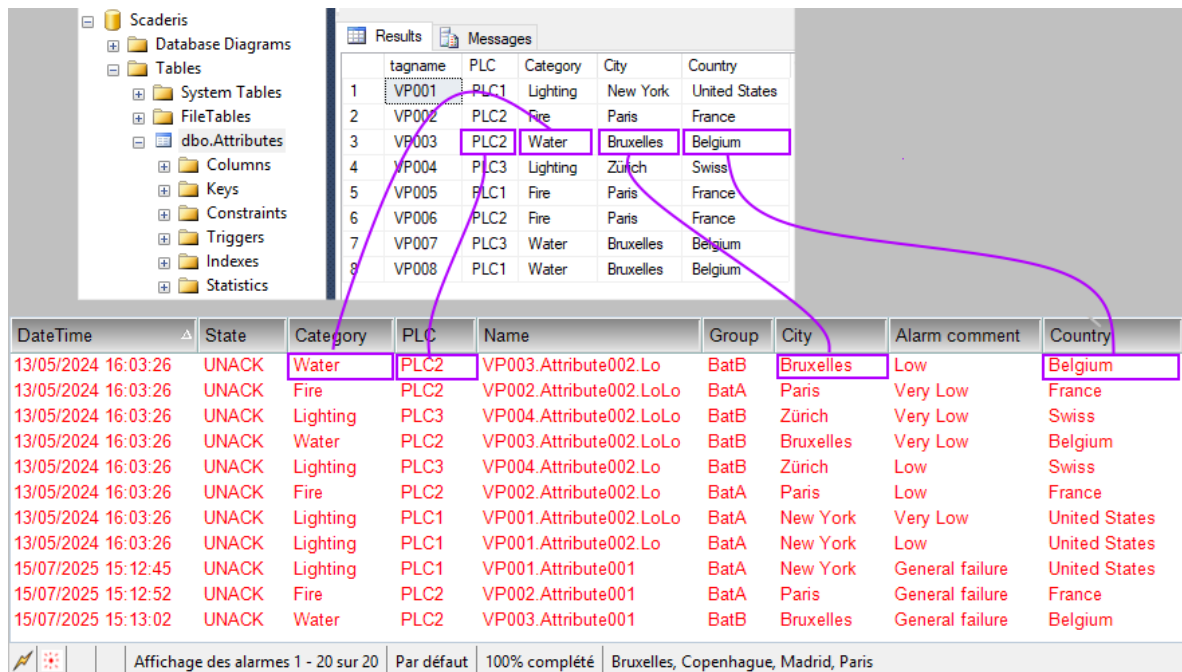
# SCADERIS Alarm Gateway

Display additional information on your Aveva System Platform alarms.

Enhance your alarms with additional attributes configured in a database.

Our component allows your operators to respond more effectively to alarms.

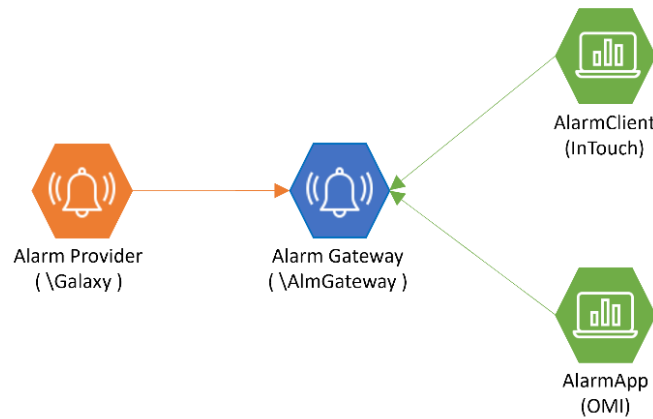
As a base template, it allows you to continue using the standard System Platform components to display your alarms.



tagname	PLC	Category	City	Country	
1	VP001	PLC1	Lighting	New York	United States
2	VP002	PLC2	Fire	Paris	France
3	VP003	PLC2	Water	Bruxelles	Belgium
4	VP004	PLC3	Lighting	Zürich	Swiss
5	VP005	PLC1	Fire	Paris	France
6	VP006	PLC2	Fire	Paris	France
7	VP007	PLC3	Water	Bruxelles	Belgium
8	VP008	PLC1	Water	Bruxelles	Belgium

DateTime	State	Category	PLC	Name	Group	City	Alarm comment	Country
13/05/2024 16:03:26	UNACK	Water	PLC2	VP003.Attribute002.Lo	BatB	Bruxelles	Low	Belgium
13/05/2024 16:03:26	UNACK	Fire	PLC2	VP002.Attribute002.LoLo	BatA	Paris	Very Low	France
13/05/2024 16:03:26	UNACK	Lighting	PLC3	VP004.Attribute002.LoLo	BatB	Zürich	Very Low	Swiss
13/05/2024 16:03:26	UNACK	Water	PLC2	VP003.Attribute002.LoLo	BatB	Bruxelles	Very Low	Belgium
13/05/2024 16:03:26	UNACK	Lighting	PLC3	VP004.Attribute002.Lo	BatB	Zürich	Low	Swiss
13/05/2024 16:03:26	UNACK	Fire	PLC2	VP002.Attribute002.Lo	BatA	Paris	Low	France
13/05/2024 16:03:26	UNACK	Lighting	PLC1	VP001.Attribute002.LoLo	BatA	New York	Very Low	United States
13/05/2024 16:03:26	UNACK	Lighting	PLC1	VP001.Attribute002.Lo	BatA	New York	Low	United States
15/07/2025 15:12:45	UNACK	Lighting	PLC1	VP001.Attribute001	BatA	New York	General failure	United States
15/07/2025 15:12:52	UNACK	Fire	PLC2	VP002.Attribute001	BatA	Paris	General failure	France
15/07/2025 15:13:02	UNACK	Water	PLC2	VP003.Attribute001	BatB	Bruxelles	General failure	Belgium



## Overview

SCADERIS Alarm Gateway is a gateway between the Galaxy's alarm provider and alarm clients, allowing you to add additional attributes configured in a database to alarms.

The Alarm Gateway is a template that is configured and deployed in a standard way in the Galaxy.

Its implementation is simple and fast.

### Added value

The additional information added to alarms allows operators to better locate the alarm, apply advanced filters, and respond more effectively.

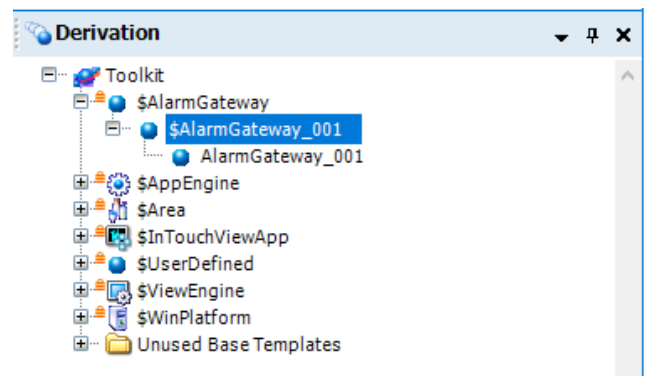
### Advantages

- Alarm Gateway is imported into the Galaxy as a base template
- Additional attributes are configured in a SQL Server table
- All common data types are supported
- Configuration is done graphically in the Template or Instance
- Alarms are displayed in a standard way by AlarmClient (InTouch) or Alarm App (OMI)
- No performance degradation
- Compatible with InTouch (for System Platform) and OMI

## Template

SCADERIS Alarm Gateway comes as a base template that you simply import into your Galaxy.

No software installation is required; everything is contained within the Galaxy, in compliance with System Platform standards.



## Configuration

Alarm Gateway configuration is done via a specific tab when editing the template.
















It is therefore stored within the Galaxy like the configuration of all other templates.

The database search key can be in the format <Tagname>, <Tagname>.<AttributeName>, or <AttributeName>.




## Database

Additional alarm attributes are configured in a SQL Server database table.

The database name, table name, and column names are fully configurable.

Database 	
SQL server name :	<input type="text" value="localhost"/> 
SQL database name :	<input type="text" value="scaderis"/> 
Use Windows authentication :	<input checked="" type="checkbox"/> 
SQL user name :	<input type="text"/> 
SQL password :	<input type="password"/> 
SQL table name :	<input type="text" value="Attributes"/> 
Table search key column :	<input type="text" value="tagname"/> 
Key format :	<input type="text" value="&lt;Tagname&gt;"/> 
Table column for "Class" :	<input type="text" value="PLC"/> 
Table column for "Type" :	<input type="text" value="Category"/> 
Table column for "Limit" :	<input type="text" value="City"/> 
Store alarm description in "User3" :	<input type="checkbox"/> 
Table column for "User3" :	<input type="text" value="Country"/> 
Minimum cycles between queries :	<input type="text" value="300"/> 

Source alarm provider 	
InTouch alarm provider name :	<input type="text" value="Galaxy"/> 
Top area :	<input type="text" value="Site"/> 

## Compatibility

Alarm Gateway is compatible with all versions of System Platform from version 2014 R2.

## License

The Alarm Gateway license is valid for a specific Galaxy.

The number of Alarm Gateway template instances is unlimited.

For more information about  
SCADERIS Scheduler visit:  
<https://www.scaderis-software.com>