



Visitor Management

LenelS2 Elements Integration Guide

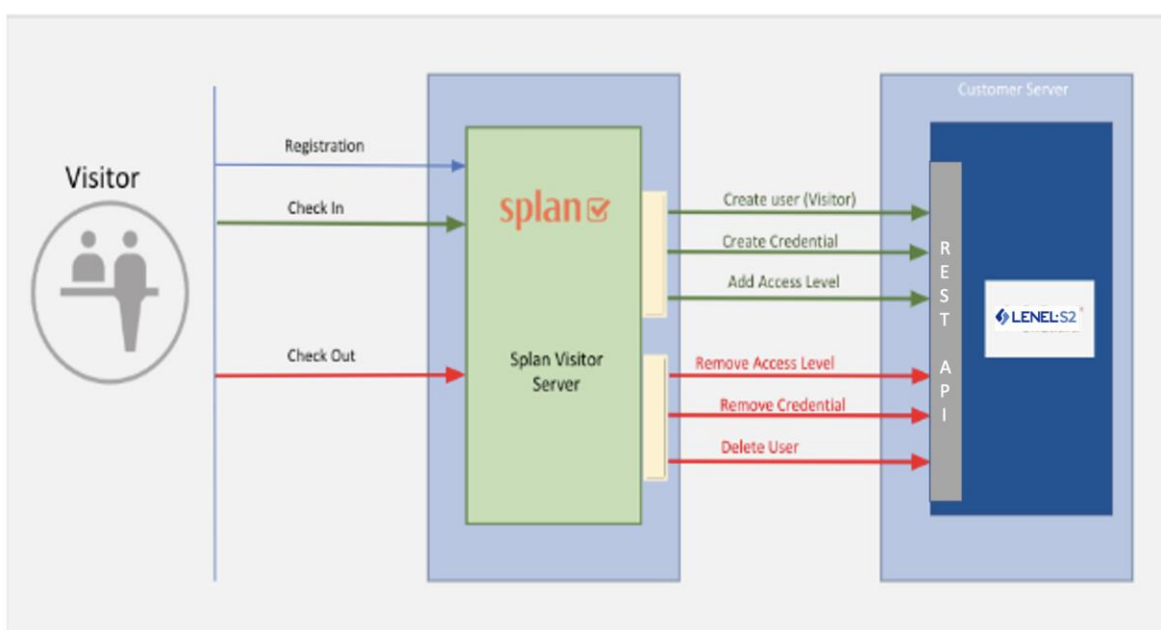
Feb 02, 2023

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Overview

Splan delivers intelligent and fully automated next generation visitor management solutions for small to large enterprises. Integrating with application security, IT security and Physical Access Control systems, Splan provides innovative web and cloud-based visitor management solutions that are cost effective and easy to use.

The Splan LenelS2 partnership provides seamless integration between Splan Visitor and LenelS2 Elements for visitor check-in and check-out. Splan provides highly configurable solutions allowing our clients to dynamically change their integration parameters based on unique requirements, per site or location.



Pre-Requisites

Splan LenelS2 Elements integration requires following components need to be enabled on Customer's Elements environment.

1 - Enable API Integration

Splan communicates to LenelS2 Elements using REST API. Customer should enable API integration access. Verify that API Integration is enabled in LenelS2 Elements portal , System Options -> API Integrations as shown below.

API Integrations

Generate keys to connect other tools to this system.

[+ ADD INTEGRATION](#)

Last used: 01/02/2023 2:08:35 AM • Created: 09/21/2022 7:45:06 AM

Splan Visitor Integration

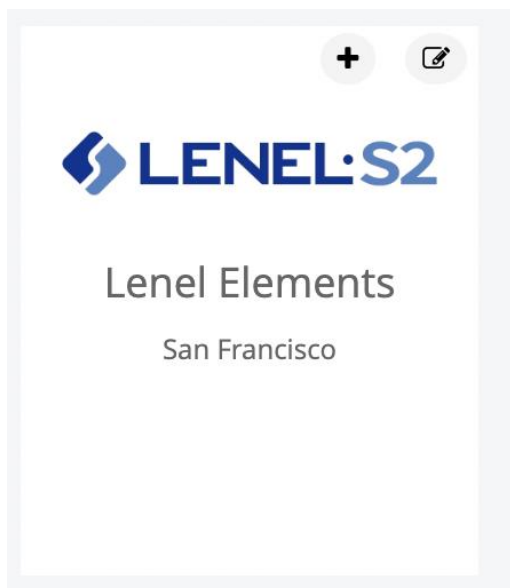
Splan



Configuration

Step 1 - Create LenelS2 Elements Connector

Create Splan connector to configure LenelS2 Elements, go to Global Settings -> Setup -> Connectors



Step 2 - Configure LenelS2 Elements API

1. Provide LenelS2 Elements ServerURL
2. Provide LenelS2 Elements ApplicationID
3. Provide LenelS2 Elements API Key
4. Enter Connection Name
5. Provide LenelS2 Elements server Test Connection URL - Leave it Blank OR remove the field
6. Check Provisioning Enabled

Connector Parameters
Edit

ServerUrl * https://api.elementssecure.com	Application Id * 4d296c94-4d56-4347-8868-ee110f8312b9	API Key YTkwoDDQxYzUrOGVYy00Zjc0LTIimYmitY2jYTA0NjY1MjBkOlhPQ0ZovGFJa3dZQTd Tc2pQWFFPSDNBMGswVGFQWRU
Connection Name * Elements - Malgudi Site	Test Connection Uri * https://api.elementssecure.com	Provisioning Enabled true

Step 3 - Visitor Action - API Mapping

Splan connector provides dynamic configuration where Administrator can configure different Elements REST API for each Visitor lifecycle operation. Splan Lenels2 Elements connector provides default configuration, but admin can change based on organization requirements.

Visitor Action is a activity event like Registration, Check-In and Check-Out.

Connector Action is operation on Elements when visitor action happens, like when visitor check-in then system has to create User, create badge and assign access levels.

Connector Attribute is Splan module which will have API attribute mapping.

Sequence of operations for same visitor action.

Connector Settings

Action Mapping
Connector Attributes
Access Levels
Locations

Visitor Action	Connector Action	Connector Attributes	Sequence	Status	
CHECKIN	CREATE USER	CreatePerson	1	ACTIVE	🗑️
CHECKIN	CREATE BADGE	CreateCredentials	2	ACTIVE	🗑️
CHECKIN	ASSIGN ROLES	AssignGroup	3	ACTIVE	🗑️
CHECKOUT	DELETE USER	DeletePerson	1	ACTIVE	🗑️

+ Add
Save

Step 5 Access Levels / Person Groups

Access Levels / Person Groups can be added in connector which will be added to Person during provisioning.

New Connector Role

Location Name * Costa Mesa Office

Search 🔍

Temp Badge Type Visitors

Filter

Filter

Visitors

>

<

Cancel Save

Connector Settings

Action Mapping Connector Attributes Access Levels Locations

<input type="checkbox"/>	Role Name	Role Description	Role Technical Name	Role Type	Locations	Status	
<input type="checkbox"/>	Visitors	Visitors	74d2eea7-1590-4ed8-a1f3-6d8d3948cd95	Visitors	Costa Mesa Office	Active	

+ Add Delete Roles

Step 6 Connector Attributes

Connector attributes are used for attribute mapping between Splan and LenIS2 Elements.

CreatePerson : Creates visitor record in Elements system. Attribute mapping is used to map between Splan attributes and LenIS2 Elements.

Attribute mapping

Edit Connector
Please Edit Connectors Details

Group Name * Status

Description *

Connector Attribute Settings

Attribute Mapping Default Values

<input type="checkbox"/>	Attribute Name	Target Attribute Name	Default Value	
<input type="checkbox"/>	First Name	<input type="text" value="firstname"/>	<input type="text"/>	
<input type="checkbox"/>	Last Name	<input type="text" value="lastname"/>	<input type="text"/>	
<input type="checkbox"/>	Email	<input type="text" value="email"/>	<input type="text"/>	
<input type="checkbox"/>	badge Number	<input type="text" value="externalid"/>	<input type="text"/>	

CreateCredentials : Creates badge with badge number in Elements system.

Attribute mapping

Edit Connector
Please Edit Connectors Details

Group Name * Status

Description *

Connector Attribute Settings

Attribute Mapping Default Values

<input type="checkbox"/>	Attribute Name	Target Attribute Name	Default Value	
<input type="checkbox"/>	badge Number	<input type="text" value="badgeid"/>	<input type="text"/>	

AssignGroup : Assign access roles to badge

Attribute mapping

Edit Connector
Please Edit Connectors Details

Group Name * Status

Description *

Connector Attribute Settings

Attribute Mapping

Target Attribute Name	Default Value	Target Attribute Type	
<input type="text" value="AccessLevels"/>	<input type="text" value="\$DEFAULT_ROLES"/>	<input type="text" value="String"/>	

DeletePerson : Delete user from Elements system.

All above attributes can be configured for each visitor action based on requirement.

Connector Settings

Action Mapping

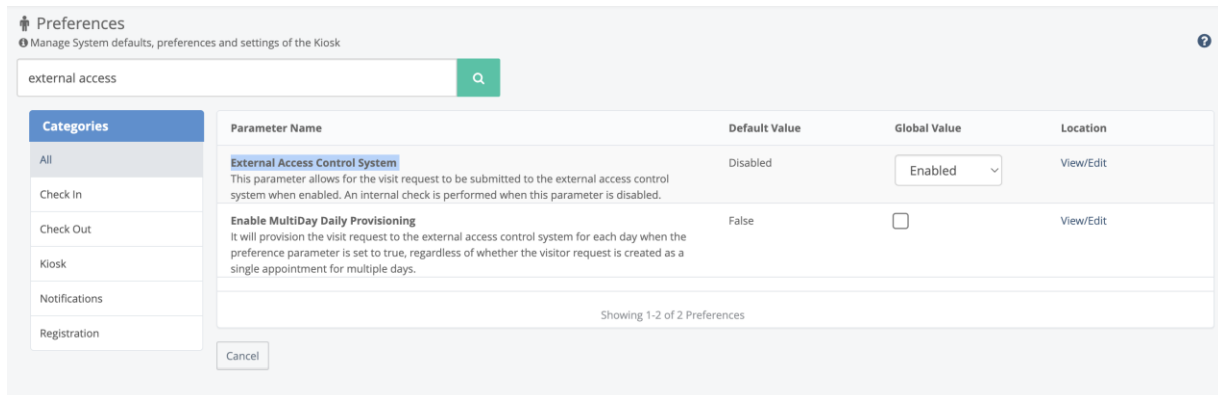
Group Name	Description	Status
CreatePerson	CreatePerson	ACTIVE
CreateCredentials	CreateCredentials	ACTIVE
AssignGroup	AssignGroup	ACTIVE
DeletePerson	DeletePerson	ACTIVE

Preference to enable external Access Control Integration

Goto Setup->Preference and enabled following preference.

Preference Name : External Access Control System

Value : Enabled



The screenshot shows the 'Preferences' management interface. A search bar at the top contains 'external access'. A table lists two preferences:

Categories	Parameter Name	Default Value	Global Value	Location
All	External Access Control System This parameter allows for the visit request to be submitted to the external access control system when enabled. An internal check is performed when this parameter is disabled.	Disabled	Enabled	View/Edit
Check In	Enable MultiDay Daily Provisioning It will provision the visit request to the external access control system for each day when the preference parameter is set to true, regardless of whether the visitor request is created as a single appointment for multiple days.	False	<input type="checkbox"/>	View/Edit

Showing 1-2 of 2 Preferences

Cancel

NOTE : If no Badge Number is specified when creating a visitor, the information will not be sent to Elements to create a person record.

Contact Splan Support:

If you run into any issues, please contact Splan Support at support@splan.com.