

# Everything You Need to Know: Xelence APIs



## What are APIs?

Application Programming Interface (API) is a connection or software interface offering a service to other software. An example is an API that can connect your Line of Business (LoB) solution with a payment application.

Xelence, Sagitec's low-code/no-code platform, has a robust API framework with which one can invoke third-party systems APIs by sharing required information. The API Framework also supports the creation of APIs to expose specific functionality that third-party systems can consume.

Xelence uses Web API or Web Services technology for all integration services.

## Business Benefits of APIs



### Robust API Framework

Xelence can use existing interfaces if they follow standard interface methodologies such as Web services, APIs, or file import/export; or provide a built-in ability to expose APIs from the application at the Entity level or Rule level. This allows applications to interact with external stakeholders/applications easily and reliably.



### Security at Prime

Xelence provides state-of-the-art security features to Consume and Expose Web API Framework to authenticate and authorize every request. Xelence lets you create centralized tokens allowing you to use them when Consuming or Exposing Web APIs. This also encourages the reusability of these tokens (for example, authentication requests) without duplicating them.



### Centralized Business Logic

With Web API support, Xelence allows you to centralize your core business logic that helps you reduce and reuse code and protects you against exposing unwanted logic.



### Industry Standard

Xelence adheres to industry-standard protocols to Expose/Consume Web API (example: REST). This ensures that your application follows the same or better standards as any other application that you are collaborating with using the same or similar interface technologies.

# Xelence API Features and Benefits

Feature	Benefit
Powerful API Framework	<p>The API framework supports API integration from HTML pages, BPM maps, and logical rules. Using this feature, one can invoke third-party systems APIs by passing required information.</p> <p>Xelence also supports directly binding information received through an API to an HTML page or Entity and processes them through logical rules.</p>
Expose API	<p>The API Framework also supports the creation of API to expose specific functionality that third-party systems can consume.</p> <p>Xelence supports CRUD operation and customization over data to be exposed, whether its single or multiple entity data. It also supports the Swagger API suite so that users can test exposed APIs within the platform itself.</p> <p>These services can be consumed to interface with your other systems or external systems. Depending on the target system, Xelence also supports data-level integration or file-level interfaces where appropriate.</p>
Consume Web API	<p>Xelence provides a secure way to consume internal/external Web API and directly bind the data in the page/entity/workflow.</p> <p>Xelence adheres to industry standards to create security tokens before consuming the API. This always ensures that your application is connected to internal/external APIs in a secure way.</p>
Workflow Automation	<p>Xelence can consume APIs from fully integrated Business Process Modeling (BPM), i.e., Workflow Maps. This allows you to interact with other stakeholders as per the pre-defined process in the workflow.</p>
Platform APIs	<p>Xelence has a unique feature to expose your solution Entities using built-in, standard APIs with advanced security features without a single line of code.</p> <p>The best way to protect your application is by using the Xelence platform API feature to ensure that your APIs are secure and only used in the ways you want them to.</p> <p>This out-of-box feature lets you configure and customize what APIs to expose using Web API technology.</p> <p>The API creation supports CRUD and Query operations, BPM and Rule execution, Correspondence generation, and help APIs to provide information about other APIs.</p>

## About Sagitec

Sagitec Solutions, LLC is a low-code/no-code platform provider. Sagitec's Xelence platform puts speed, simplicity, and evolution at the core of enterprises. Xelence allows amateur developers and IT professionals to quickly design, test, and deploy simple to complex enterprise-grade software applications. Over 30 complex mission-critical software applications run 24x7x365 with demonstrated ability to evolve and scale to incredibly high demands with the Xelence platform.

Accelerate excellence and learn more about Xelence at <https://www.sagitec.com/xelence>



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