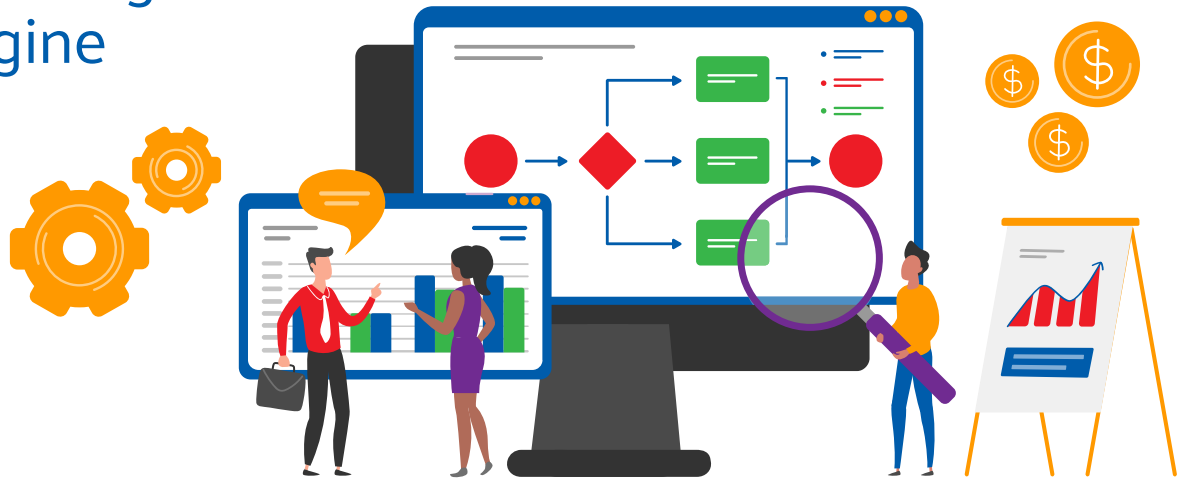


Everything You Need to Know: Xelence's Business Process Management (BPM) Engine



What is BPM?

BPM, or Business Process Management, is the methodology to design, execute, monitor, and optimize your business processes.

The BPM engine in Xelence, Sagitec's low-code/no-code platform, is implemented based on Business Process Model and Notation (BPMN) 2.0 standards. BPM is superior to a workflow because it provides all the benefits of a workflow and integrated business rules, system tasks, roles, events, sub-processes, and user interfaces.

Sagitec BPM processes are modeled visually within Xelence and associated with business rules, user interfaces, and roles. The BPM engine simulates execution for each process instance as it progresses through various tasks and gateways.

Business Benefits of BPM



Reduce Risks and Data Redundancy

With increased visibility into business processes, you can concentrate on exceptions, allowing you to work more efficiently, save resources, and improve the quality of your projects.



Control Operations Better

You achieve complete task control and visibility into them, including what tasks are running, who is working on what, and whether users are meeting deadlines.



Improve Business Collaboration

You can ensure everyone using the system across the enterprise has relevant and real-time information, enabling collaboration and reducing data redundancy and general business issues.



Become More Agile

Change and configure business processes as business needs change and scale up to meet new needs to suit your evolving organization.



Increase Productivity and Performance

Compare data, measure process performance, and identify areas of improvement to get rid of process bottlenecks and eliminate redundant steps translating to increased productivity and overall performance.

Xelence BPM Engine Features and Benefits

Feature	Benefit
System Integration	Integrate our BPM engine processes easily with business rules, system tasks, roles, events, sub-processes, and user interfaces. Get the ultimate control over designing business processes while reusing existing code and configuration already in the system. The easy integration also reduces testing cycles and increases quality.
Reusable Processes	Any BPM map configured as reusable can be replicated inside any other BPM map – increasing the speed of development, ensuring consistency within your processes, and decreasing testing cycles. For example, you can reuse the communication to users, send reminders, and wait for necessary documentation process steps by creating them once and then referencing them in every other process.
Process Versioning	Your business processes might face small changes or significant modifications like when legislation changes. Process versioning allows you to create a new version of the process while maintaining an archived record of the old. You might want this record to stay intact for some time or use it when processes meet unique criteria. You might want to retain the old version for historical purposes and auditing or roll back to it if you aren't happy with the update, providing greater control.
Security	<p>You can define security at the process level and the swim lane level, ensuring that only users have access to complete the required task. This allows you to empower process managers for each business process, like a process administrator who has unique access to configure the reassignment of work and online screen triggers without help from IT resources.</p> <p>Setting security at the case level will prevent unauthorized users from initiating case instances or set escalations.</p>
Imaging Integration	Sagitec's BPM engine can integrate with any imaging software using the same taxonomy. This feature allows your organization to initiate, resume or stop a process, or raise an exception based on a document your organization has received.
Inter-Process and Intra-Process Dependencies	Many processes and sub-processes have dependencies to start, continue, or stop. This feature allows you to build dependencies into your processes and to build notifications and restrictions, such as halting the related process into your BPM maps.
Associated Forms	Sagitec's BPM engine can launch any screen in your application with an appropriate record already loaded. This reduces the number of clicks required by your users to complete processes, reduces potential error, and reduces the amount of training for new users.
Task Assignment	Assign tasks to your users based on who has the least amount of work, round-robin, or allow anyone with a specific role to check out the work. You can decide which task assignment option to use for each business process giving your organization more control.
My Basket	This feature provides your users a bird's-eye view of all of their work. These could include the ability to view and resume suspended work, release a work item back to a working pool so another user can take it up, and view other important details regarding a specific work item.
Priority	Configure the priority of each business process to help your users not just work on what comes into the organization first but to work on the tasks that have the most significant impact.
Due Date Calculation and Escalation	Build due dates into your business processes or escalate by notifying managers if business processes take longer than the designated amount of time to finish.

Feature	Benefit
Activity Checklist	Help users follow policies and procedures by providing configurable checklists indicating required and optional activities to complete outside of the system for the process to progress.
Uploaded Documents	Users can upload documents to processes to inform or educate other users, making this an excellent tool for coordination, collaboration, and auditing purposes.
Suspension	Authorized users can suspend a business process while waiting for missing or corrected information or a response from another party.
Out of Office	Users can mark themselves as “Out of Office” so that business processes aren’t assigned to them while they are unavailable. This feature includes indicating start and end dates so that work can automatically resume as soon as the user returns.
Map Rendering History	Whether troubleshooting, training, or evolving processes, having a great understanding of the entire business process is essential for many reasons. Sagitec’s BPM engine can recreate the path the process took to help users visualize what activities are complete.
Case Mapping and Server Management	Higher volumes of work could impact system performance. You can set up multiple BPM engines temporarily or permanently to ensure smooth processing to negate this risk, either based on business processes or in a round-robin fashion.
Dashboard Screens	Sagitec’s BPM engine comes with a standard set of reports to give information about various activities and processes. Reports can be a powerful way to understand what’s happening in your organization and address challenges.
Task Functions	When you create a BPM map, several tasks are created. These tasks (service, script, rule, and user tasks) perform functions like calling APIs, or call business rules.

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 citizen 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>

