



BPMN+

AUTOMATING PROCESSES AND

CREATING BUSINESS APPLICATIONS

Digital transformation involves the dematerialisation of business processes. To succeed in this transition, technological simplification is key. Democratizing BPM means enabling organisations to better master their business and, by extension, their competitive advantage. To respond to the uncertainties and challenges of business, processes must be dynamic in their environment and leave room for the unexpected, facilitating less structured collaborative work.

Our BPM offer stems from this philosophy: it is based on a "Low-Code" approach and a solid, innovative technology, taking advantage of the BPMN 2.0 standard.

Easy to access, BPMN+ empowers each user to improve his daily life, and especially that of his customers. A key element of the Secure Capture & Process Automation (SCPA) Digital Business Platform, the BPM pillar covers the entire project lifecycle, from requirements definition with on-line process modelling and analysis, to implementation of operational solutions, in the enterprise information system or on the Cloud.

BENEFITS

Customer Focus: by continuously improving your processes, you increase the satisfaction of your existing customers and you conquer new ones.

Innovation: by streamlining activities and exchanges, you shorten the decision cycles and take advantage of BYOD to open participation in multichannel mode.

Business Agility: by creating scalable solutions, quickly adaptable to change, you identify and take advantage of new opportunities for growth.

Operational Performance: by targeting operational excellence, you maximize the performance of the company that produces more and better.

Compliance: by ensuring compliance with best practices, maintaining rules, and traceability, you secure and guarantee processing.

Cost Reduction: by adopting a strategy that establishes your expertise as a sustainable competitive advantage, you reduce your operating and maintenance costs.

Collaboration: by optimising collaborative work and social interactions, you orchestrate the different roles for the benefit of all.

Transparency: by enabling graphical monitoring of key processes and indicators (KPIs), you better involve each user and reinforce understanding of business objectives.

Capitalisation: by using your existing assets (ERP, applications, critical data...), you capitalise on your past investments.

TAILORED APPLICATIONS

If processes are essential for describing company operations, they alone are not sufficient for creating and deploying applications : it is necessary to develop them with formalised data and application screens using a "Low-Code" method based on the AngularJS standard to achieve record time delivery. The applications produced will be connected to existing enterprise information systems, within the ERP, or with current business or legacy systems. In addition, user screens are available in web browsers, phones or tablets offering ergonomics adapted to the context of their use.

THE COMPOSER

This is the graphical tool for creating applications. The developer has access to all the dimensions that are juxtaposed in the same environment to facilitate generating the application in AngularJS from the processes and the data. In addition, the Composer provides all the functionality needed for the application to remain scalable, maintaining consistency between the models and the application itself.

THE ENGINE

Responsible for executing the processes, BPMN+ engine is designed to serve the tasks not only to the users but also to the different systems available in the information system. Capable of handling large volumes, the engine serves the enterprise with a set of standard concepts, and in particular a sophisticated system for managing business activity.

THE ADMIN

This essential tool is offered in 100% web mode to facilitate access. The administration application includes all aspects of configuration, operation and supervision. This ranges from directory synchronisation for user profiles to restarting services, as well as reallocating tasks or the definition of roles.



ARCHITECTURE

Based on a set of standards such as Java, BPMN, CMIS or AngularJS, BPMN+ is perfectly compatible with all information systems. Its architecture fits both small installations and more ambitious configurations without fault.

Written 100% in java, the engine can be installed within an application server and can also host a set of components that developers can insert, such as connectors.

It is also accessible via an API, available in Java or in REST, so that integration with heterogeneous environments is not a blocking factor for implementation. It relies on a standard market database for the management of its operations.

Moreover, it is natively interfaced with Production Manager for supervision and control tasks.

The support of the BPMN 2.0 standard makes it a natural tool for transforming processes modelled online with the Web Modeler into applications usable by all enterprise stakeholders.