

Beyond Workflow and BPM

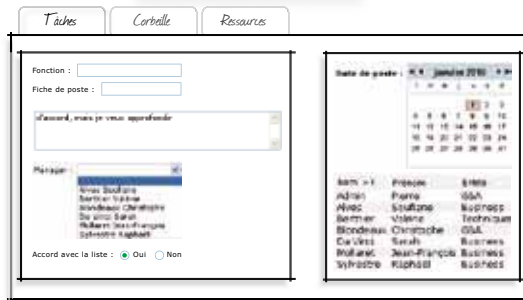


Processes

Business Model

Data and Documents

The deployed applications rely on a model that describes the processes, the business data and the graphical user interface.



User Interfaces

BUSINESS FIRST is a software suite for the composition of business oriented applications. All kinds of transactional and collaborative applications can be designed and executed while at the same time bridging potential communication gap with end users' expectations. Time to market is boosted, while still continuing to respect company IT standards.

Your expectations:

- Stick to your way of doing business in order to emphasize your market differentiation
- Formalize your processes and implement practical user interfaces for your customers
- Avoid unsuitable off-the-shelf software tools that require costly developments and maintenance costs
- Flexible solutions to face your changing business environment

BUSINESS FIRST meets your demands

With **BUSINESS FIRST**, the IT department collaborates efficiently with the other company departments to compose applications and processes that are:

- Created for your specific needs that cannot be covered by off-the-shelf software packages
- Compatible with your legacy applications (ERP, CRM...), to provide required but currently lacking features (notifications, tracking, alarms...)
- Cross-departmental, to ensure that your company's organization is as efficient as possible (HR, Purchasing...)

Focus on your core business, BUSINESS FIRST will take care of the rest!

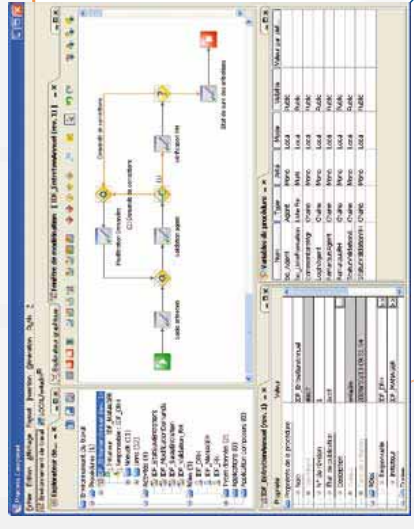
Define the processes

BUSINESS FIRST helps you define your processes graphically and describe how the different steps are linked together to take a case from start to finish. For each step, the roles of the people involved, the data as well as the deadlines are defined for the task to be executed.

Easily understandable by everyone, the description can easily be extended to take into account new features. It serves as an efficient communication tool between engineers and end-users.

BUSINESS FIRST provides the user with the full W4 experience in terms of human workflow and BPM, including comprehensive options for describing all kinds of processes, from the simplest to the most sophisticated ones.

By formalizing business processes, applications become collaborative: as well as fulfilling the need for user-friendliness and meeting individual workstation constraints, they automate the relationship between individuals and the way in which they interact each day with their application.

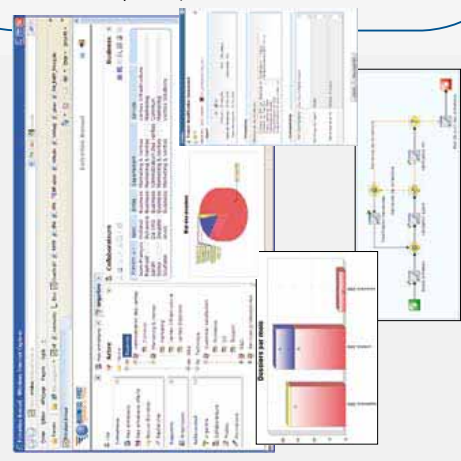


Execute the business application

With its runtime engine, the application can adjust to each user's particular context and dynamically produce the appropriate user interface to manage pertinent data as defined during the design phase.

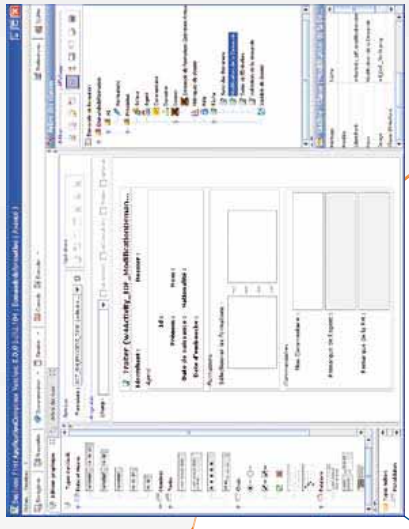
The **BUSINESS FIRST** engine orchestrates the defined transitions by offering the right action to the right persons at the right time in their work schedule:

- It watches for declared deadlines and triggers alarms should they be needed
- It offers full traceability of all events with a comprehensive activity log and a graphical follow-up capability
- It dynamically creates the screens as they are requested
- It offers consistent transitions between the screens according to the pre-designed navigation tree
- It ensures synchronization with the company IT system and with third party systems via connectors (data, documents) that are available with **BUSINESS FIRST**



Business Model

structure can be adjusted and fine-tuned. In this way, the designer simultaneously organizes the data handled by the end user and prepares the layout of the different screens that will subsequently be displayed dynamically when the application is put into use.



Model the data

In order to integrate data more quickly, **BUSINESS FIRST** allows you to explore and automatically incorporate the different data sources available within the company:

- Relational Database Management Systems
- Miscellaneous files
- Electronic content management systems
- Company directory systems
- ...

BUSINESS FIRST also allows you to modify the data set or to create new ones.

From this physical data, a logical model matching the projected real world data

Create the graphical user interface

The graphical user interface (GUI) covers the application screens, the transitions that allow you to navigate between these screens (based on the designed navigational tree) and the choice of actions offered to the user. By default, the GUI is automatically generated from the previously modeled data and processes.

Then, the designer refines the different screens so that they fit progressively with each user's individual context.

Graphical components are available (navigation tree, predefined forms, reporting objects...) along with their controls (sort, filter, print, and add features) and are filled with the data that needs to be visualized and managed. This approach maximizes productivity while at the same time minimizing associated risks.



BUSINESS FIRST offers an innovative way of composing applications that are:

- Built rapidly and iteratively, adapting to your daily operations
- Easily adjustable to your data, processes and screens
- Robust and reliable (off-the-shelf software quality, but with more flexibility)
- Virtually codeless

For more information:

BUSINESS FIRST offers considerable productivity benefits thanks to the merging of two road-tested and complementary approaches:

- Model Driven Development (MDD), with a new application development method based on descriptions as opposed to programming
- Business Process Management (BPM), which formalizes processes and orchestrates collaborative work

The backbone of a **BUSINESS FIRST** application may be described by a business model that includes:

- Processes
- Data
- Application Screens



The run-time engine dynamically interprets the models to produce the specified application behavior.

The employed business objects are built from data provided by any available company source, data base, web services or even specific Java classes, LDAP directories or other electronic document management systems found in the market.

The produced applications can be enriched with complementary business rules by simply adding Java classes.

If Java or .Net is already used by the IT department within the framework of the existing company IT system, codes can be easily generated with **BUSINESS FIRST**. The resulting pages will serve as the basis for deploying new functionalities within a better controlled environment.

Compliance with IT industry standards

BUSINESS FIRST is based on an architecture that complies with industry standards, allowing companies to continue using the technologies they have already chosen:

- Browsers: Internet Explorer, Firefox, Chrome
- Application server: Websphere, Tomcat, WebLogic
- Processing server: AIX, SOLARIS, Windows Server, Linux
- Database server: Oracle, SQL Server



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