



Process Engine

Process Engine

standard solution

for example:

- complaint management
- release of documents
- change management
- escalation management

Process Engine

individual solutions

based on your business processes!

- goods entrance and exit
- quality controlling
- charging
- billing controlling

individual solutions

based on your production process!

- admin of specification
- admin of raw resources
- process control
- quality check
- maintenance

*... effective business processes by realistic checking
of the dynamic performance in processes!*

From business process to workflow

Automation of business processes, consolidate distributed processes, manage and control of complex workflows, increase efficiency of your processes. The answer to such issues offers the Process Engine of binner IMS.

Assignments of tasks that exceed normal workflow demands can be consolidated in an easy development environment and on a standardised platform. Process Engine is a modern tool to create, manage and control automated business processes. The focus is an easy transfer of your individual processes into a software. With the most modern technology your employees and colleagues will work in a single system which will remove the burden of control and process responsibility. Automated decision making and requisition while at the same time the software is documenting actual workflows in the background.

Business process

A business process always results in a service meant for a certain customer. With the help of different detailed levels you can refine a displayed business process. The highest degree of detail is accomplished when the defined process steps or activities/tasks/functions can be executed by an employee at a certain work place.

workflow > starting with „what“ and arriving at „how“

If you provide business process diagrams for the employees of a company which show also tasks, they will know what to do, who forwarded the input (information, work results) and whom to forward the output to. But this alone does not show the employees how they should deal with the tasks assigned. A business process is not a work instruction.

A modelled Workflow on the other hand describes work paces to be executed as precisely and functionally as possible. The goal is less a documentation for the employees than a possible (partly) automation of the execution. Business processes developed in sycat Process Designer can be transferred into the Process Engine with one button. They are immediately available there as a finished framework for the flow control of the processes without having to program even one line of code. The Process Engine System take care of notification in respect to tasks, allocation of authorisation and assignment of duties, of escalations and process control and also of the return of process relevant key data like e.g. residence time of manuals at individual stations or average lead-time for a process.

Now complete execution structures already exist in the workflow system. The system already knows all predecessor and successive relations of the functions and also all roles involved in the process. These are created even fully automated. This means that the framework for the programming is predetermined with one button. This enables business people to talk to IT specialists in one language and there is only the necessity left to transfer the operating instructions at the individual work places into masks. Interfaces can easily be fashioned and an individual appliance develops based on a standard platform: Process Engine.

please turn >>>

Process Engine

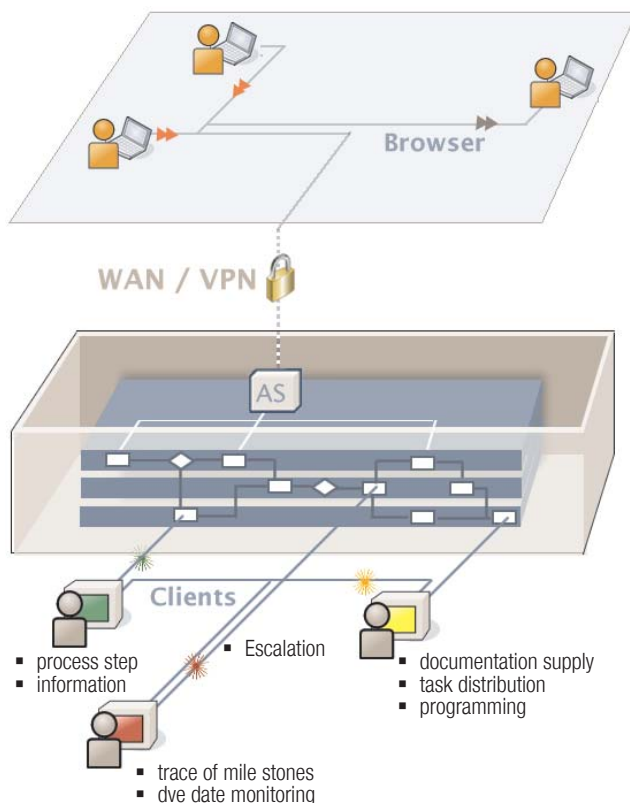
Process Engine

individual solutions
based on your business processes!

online and offline compatible to many other systems

standards for example:

- SAP (BAPI, RFC, IDOCS, Xi)
- Navision (div. SQL, ODBC)
- miscellaneous interfaces
- EDIFACT, Office System
- Lotus Notes
- Outlook, ODBC
- XML, BPEL, LDAP, SQL, HL7
- eHealthConnect, ASCII, CSV



Characterisation of the Process Engine

Following you will find the most important features and descriptions of the Process Engine advantages. The simple listing should give a general idea about the essential features and possibilities this software can offer.

Characterisation

- flexible, database supported system with integrated process flow control
- individualised appliances in a standard tool
- simple modelling of business processes and the associated applications
- programming of individual database applications
- very high speed of development (modelling)
- current demand on standard is met (auto-documentation, change-control)
- flexible possibility for extension of applications
- linking between several different locations
- independent of DBMS (data base management system)
- easy handling of interfaces
- integrated process management functions (automatic measurements, CIP)
- distinctive system for authorisation and functions
- evaluation of operations results at the push of a button
- integrated mechanism against escalation in database applications

Key Messages with technical reference

- executable in 27 languages
- executable as Server / Client Software (without absolutely necessary client installation)
- executable as Web Server (integrated) / access to web via browser within the execution
- executable with different kinds of DBMS (e.g. Oracle, MySQL, PostgreSQL, Sybase etc.)
- executable with different operating systems e.g. Windows 32bit systems, Linux, Unix, Mac OS X etc.)
- signal server, data server separation, therefore high speed in VPN
- object orientated setup of the database incl. classes and inheritance
- low demand on hardware, also executable on small PDA's (WindowsCE and WindowsMobile in browser)
- open setup in relation of interfaces to other IT systems and devices/machinery
- automatic tracking of process transmissions (real-time recording of changes in objects > Audit Trail)
- change Control > automatic current version of object within the database
- self-supporting of EDP medium format (DB Dump>Exit Management)