



# BUSINESS PROCESS MANAGEMENT PLATFORM

## BUSINESS PROCESS MODELLING, MANAGEMENT AND EXECUTION

### HOW DOES YOUR ORGANISATION MANAGE BUSINESS TASKS, ACTIVITIES, AND PROCESSES?

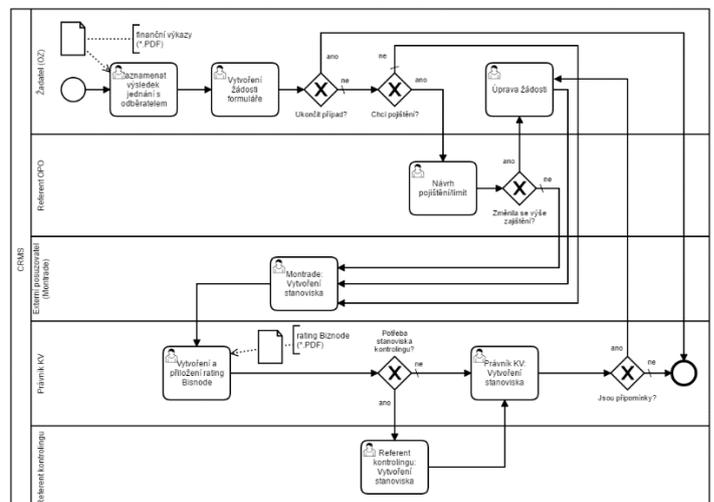
Do you often doubt, what is with the expected process execution, whether there are some tasks already finished or not, who is working on what, what is its status? Do you ask: “Where is the bottleneck?” And who, to whom and when was a desired email send? Did it arrive at all?

Well, it seems, you are actually searching for a status and a progress of a particular process instance or workflow, may be over and over again, because you are not getting the right information. This is the right time for you to leverage concepts of **workflow and process management!**

The *Sperling Business Process Manager* (SBPM) is a **business process management platform**, that serves the described needs effectively and in a very user-friendly manner. It allows to **design (model and create) a business process and execute** them among given users and groups, to let them participate and **perform their tasks**, i.e. to run a workflow.

SBPM provides a complete suite of efficient tools for process computerization, including:

- ▶ complex **processes modelling**,
- ▶ immediately followed by **process execution and workflow management**,
- ▶ participation in workflows in **different roles**,
- ▶ **automated input data processing** and process product management in **electronic forms**,
- ▶ **history** of processing, both **running and completed** workflows,
- ▶ **generating reports and overviews**
- ▶ and much more!



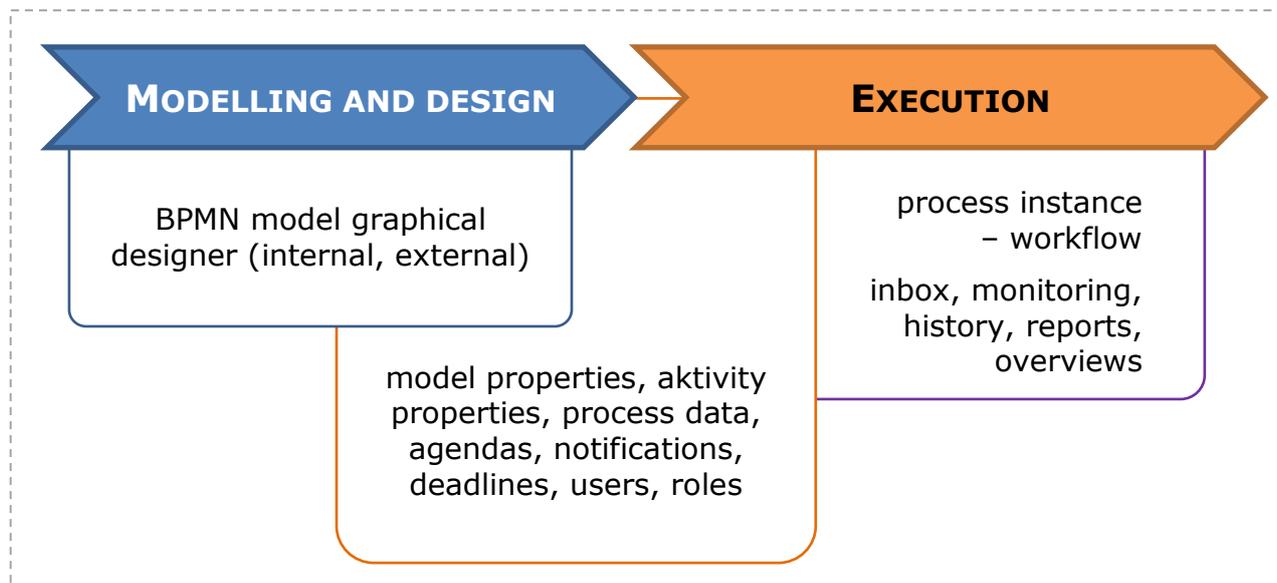
### FROM EMAIL TO PROCESS: MODELLING

The first step to move from today’s inefficient ad-hoc work management via ubiquitous emails is to **map business processes** and create first simple, then

lately more complex **diagrams (process models)**, that describe expected **workflows** in modern and by industry recognized and **standardized** way.

SBPM allows you to **create custom, or import** an existing **model in BPMN 2.0 industry standard**. Subsequently, the model and its components are provided with properties needed for its execution, i.e. **additional attributes**, or metadata, which allows to decide **automatically**, where to proceed (which flow to take) upon **process branching (decisions)** and also serves to **build process products (data results)** using **autogenerated forms**. At the same time, **scheduled actions, email notification templates, and output reports** are defined for the process model to make the workflow execution complex, effective and streamlined.

Finally, each process model is embedded in an organization environment by assigning it to a relevant multi-model **agenda**, which encapsulates several **associated process models** related to a given set of activities, related usually to a single **business unit**.



### ELECTRONICALLY: AT ANY TIME – FROM ANYWHERE – RELIABLY – SIMPLY - CLEARLY

A well-formed process model represents a de facto **fully automated management concept** of the organization's activities or tasks in a given order and upon required conditions.

**Workflow participants** are alerted to their tasks via **email notifications** and system's **inbox**. Each task is equipped with all the necessary information and data needed for its fulfilment and user can get much wider overview on what to do, what information is needed, on a simple single click.

Subsequently, users perform data inputs in their tasks using **automated forms**. These are generated entirely **automatically based on the model attributes description** and condition settings data for each activity defined in the process.

The screenshot shows the 'Sperling BPMS' interface. The top navigation bar includes 'Sperling BPMS', 'Inbox 2', and 'Workflow'. The left sidebar contains 'Mé úkoly' (My tasks) and 'Úkoly v agendě' (Tasks in agenda). The main content area displays a task card for 'Kreditní výbor (CRMS)' with details: 'Workflow: Montgomery, a.s.', 'Úkol: Zaznamenat výsledek jednání s odberatelem', 'Priorita: Střední', 'Provedte úkol.', 'Přířazeno dne: 14.06.2018 22:28', 'Termín procesu: 21.06.2018 22:28', 'Vyřešit do: 16.06.2018 22:28', 'ID workflow: #222', and 'ID úkolu: #2245'. A second, partially visible task card below shows 'Workflow: Koleje Merhautova'.

Process managers have a perfect **overview of running or already completed workflows**, including their details, as well as graphical representation of the flow status.

## MANY SIZES AND COLOURS: SYSTEM PARAMETERIZATION

We understand, that every customer and its every process and activities require an individual approach, even though they all share the common requirements: **efficiency – intuitiveness – business focuses**. That's why in SBPM you'll find a number of surprisingly elegant solutions, how to **modify behaviour** according to your needs. Such functions include:

- ▶ definition of **process and activity attributes** to control the flow and produce data,
- ▶ definition of **data bounding** to process **branching conditions**,
- ▶ definition of **form fields** to manage data inputs resulting in decisions and process data,
- ▶ **dynamic behaviour of form fields** in task manager based on defined **dependencies**,
- ▶ custom **templates for notification email message** body using process and activity data variables,
- ▶ **custom report templates** for automated generation of reports,
- ▶ **deadlines** for completing activities and processes,
- ▶ **deadlines** for email notifications about passed or upcoming due dates,

- ▶ assigning users and groups to **process roles**,
- ▶ **CSV reports** of running and completed workflow overviews,
- ▶ user **authentication options** (local or directory service),
- ▶ **modelling, simulation, and installation** (publication) of a model for production usage,
- ▶ **externalizing texts** from application to allow customization and localization to other languages.

The screenshot displays the Sperling BPMS interface. At the top, there are navigation tabs: 'Inbox', 'Workflow', 'Agendy', and 'Administrace'. The user is logged in as 'admin system'. The main content area is titled 'Agenda: Podpora obchodu - Model: Kreditní výbor (CRMS)'. Below the title, there are filters for 'Podpora obchodu' and 'Dokončené'. There are also date range filters for 'Datum dokončení od' (04.05.2018) and 'Datum dokončení do' (15.06.2018), with a 'Zobrazit' button. A 'Nastavení zobrazení přehledu' button is also present. The table below shows a list of workflow instances.

ID workflow	Model procesu	ID modelu	Iniciátor	Popis workflow	Datum spuštění	Datu
#223	Kreditní výbor (CRMS)	#6033	Martin Manažer	Koleje Merhautova	15.06.2018 9:27:04	
#222	Kreditní výbor (CRMS)	#6033	Martin Manažer	Montgomery, a.s.	14.06.2018 22:28:36	
#221	Kreditní výbor (CRMS)	#6033	Martin Manažer	Montgomery, a.s.	12.06.2018 11:02:40	
#220	Kreditní výbor (CRMS)	#6033	Martin Manažer	Montgomery, a.s.	11.06.2018 18:00:32	
#219	Kreditní výbor (CRMS)	#6033	Martin Manažer	Montgomery, a.s.	11.06.2018 17:50:23	
#218	Kreditní výbor (CRMS)	#6033	Martin Manažer	Montgomery, a.s.	11.06.2018 17:24:22	
#217	Kreditní výbor (CRMS)	#6033	Martin Manažer	Montgomery, a.s.	11.06.2018 16:08:11	