



Automate tasks in Organizer and create graphical process flows



**dpPower**



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# Process Automation

**Process Automation** is a module in Organizer that enables automation of recurring tasks while also allowing you to visually model complex workflows. The module consists of:

- Automation engine – A framework for defining, executing, and troubleshooting automated activities within workflows.
- WorkflowStudio – A graphical modeling tool based on the BPMN standard (Business Process Model and Notation) used to design and publish processes.

Together, they provide support for both strategic process improvement and operational efficiency.

## Functions

### Automation Engine:

- Perform automated activities within tasks, such as sending notifications, executing calculations, changing statuses, and transferring data.
- Configure parameters for automations – supports text, date, boolean values, numerical values, and custom parameters.

### WorkflowStudio:

- Model workflows according to the BPMN standard using building blocks such as tasks, gateways, and subprocesses.
- Control the flow using conditions, triggers, sequence logic, and restart mechanisms.
- Publish and map processes to task templates in Organizer.
- Reuse subprocesses across multiple main processes.
- View and navigate graphical workflows directly in Organizer.

## Benefits

- Reduce errors and save time by automating standardized tasks.
- Free up staff for more value-creating work.
- Visualize complex workflows in a clear and structured way.
- Centralize all processes for version control, improvement, and reuse.
- Create flexible logic with subprocesses, decision branches, and condition-based flows.
- Customize roles, ownership, and flow logic to fit your organization's needs.
- Integrate automations with other functionality in the Digpro platform.

## Why Automation?

Automating tasks reduces errors, saves time, and frees up resources for more value-creating work. Concepts like *hyperautomation* and *digital workforce* have become central to modern business development, where multiple technologies work together to streamline business processes.

With Process Automation, you get a practical tool to take the step from manual routines to a smart, automated workflow – directly in Organizer.

## Examples of Use Cases

The **Automation Engine** is used to automate activities that would otherwise require manual intervention. For example:

- Post changesets.
- Send messages from tasks to external systems or users.
- Perform cost calculations based on changesets.
- Generate workflows from linked meters.
- Create customer installations and installation approvals based on application data.
- Perform network calculations according to configured templates.
- Change object state based on task data.

When the workflow reaches an automated task, it is executed directly by the system - allowing the next step to begin without any user input. The activity is configured as follows:

1. Set the activity in the workflow as automatic.
2. Link the activity to a specific job.
3. When the workflow reaches that job, it is executed automatically.
4. The next step in the workflow is triggered automatically.

Digpro Process Automation provides a framework that makes it easy to configure these steps and integrate automated tasks into the task workflow.

**WorkflowStudio** is used to model even complex process flows that cannot easily be described in a linear or template-based format. For example, you can:

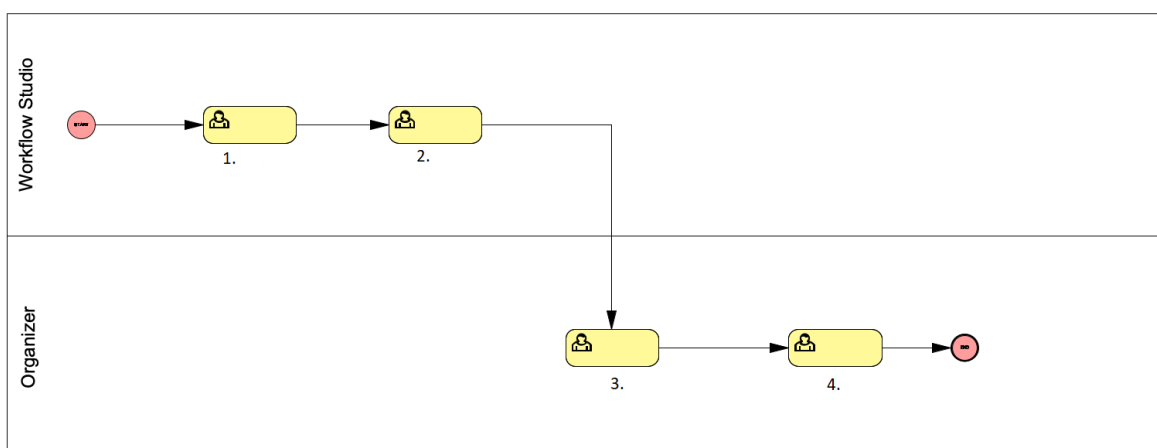
- Model loops, parallel workflows, and condition-based decisions.
- Divide work between organizational roles using lanes and sublanes.
- Create subprocesses that can be reused in multiple processes.
- Incorporate intermediate events, such as wait times or external triggers.
- Use gateways to control the flow based on defined conditions.
- Initiate tasks directly from processes, with links to inboxes and activity types in Organizer.

Processes created in WorkflowStudio are initially unpublished, allowing you to work on them in planning versions until they are ready for review and approval. Once a process is published, it becomes available in Organizer, where it is mapped to a task template. At this stage, lanes are linked to inboxes and tasks to activity types – making the process executable as a workflow in actual tasks.

WorkflowStudio can also be used to model internal processes that are not intended to be executed as workflows, but are still valuable to document and manage in one place. This allows all processes in the organization to be centralized and handled consistently.

How it works in practice:

1. Model the process in WorkflowStudio.
2. Publish and post the process to the database.
3. Map the process to a task template in Organizer.
4. Initiate tasks – the process controls the workflow within the task.



## System requirements

### Product

At least one of:

- dpCom
- dpPower
- dpHeating
- dpGas
- dpWater

### Module

- Organizer

**Do you want further information?**

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