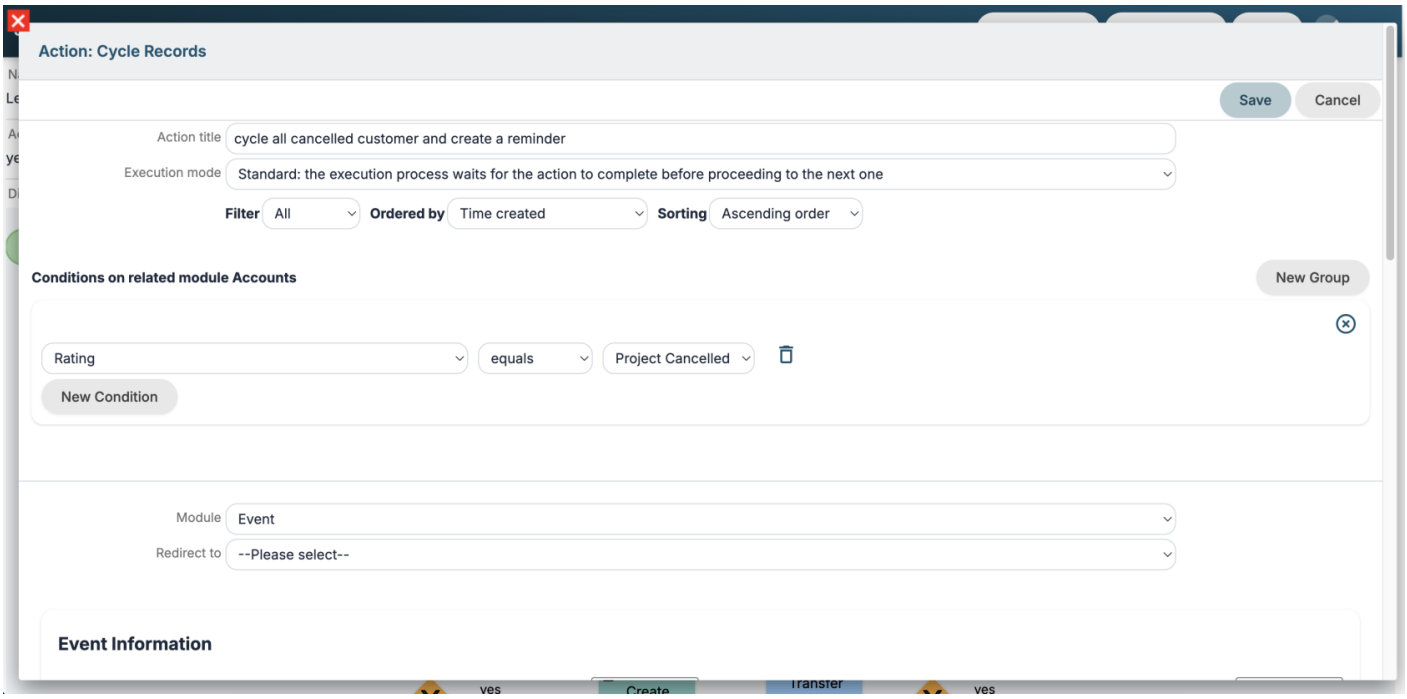
Release Note vtenext 26.07

- Processes
- AI Tools
- Other improvements

Processes

Action Cycle Records

New action to cycle through all records of a module. Filter and sort options are available.



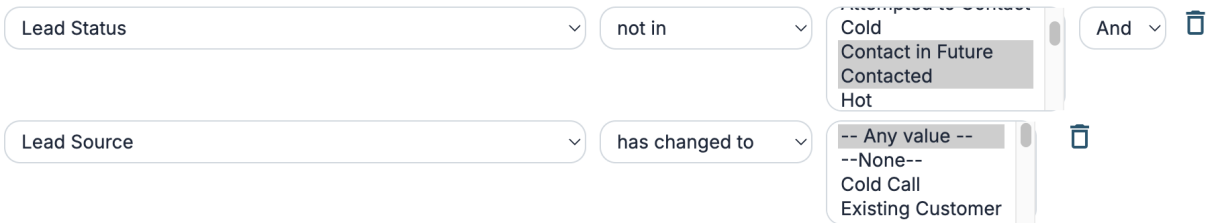
Execution mode

For all process actions, you can specify the Execution Mode:
- Standard: the execution process waits for the action to complete before proceeding to the next one

- Background: the process stops and the action is executed in background by worker or cron

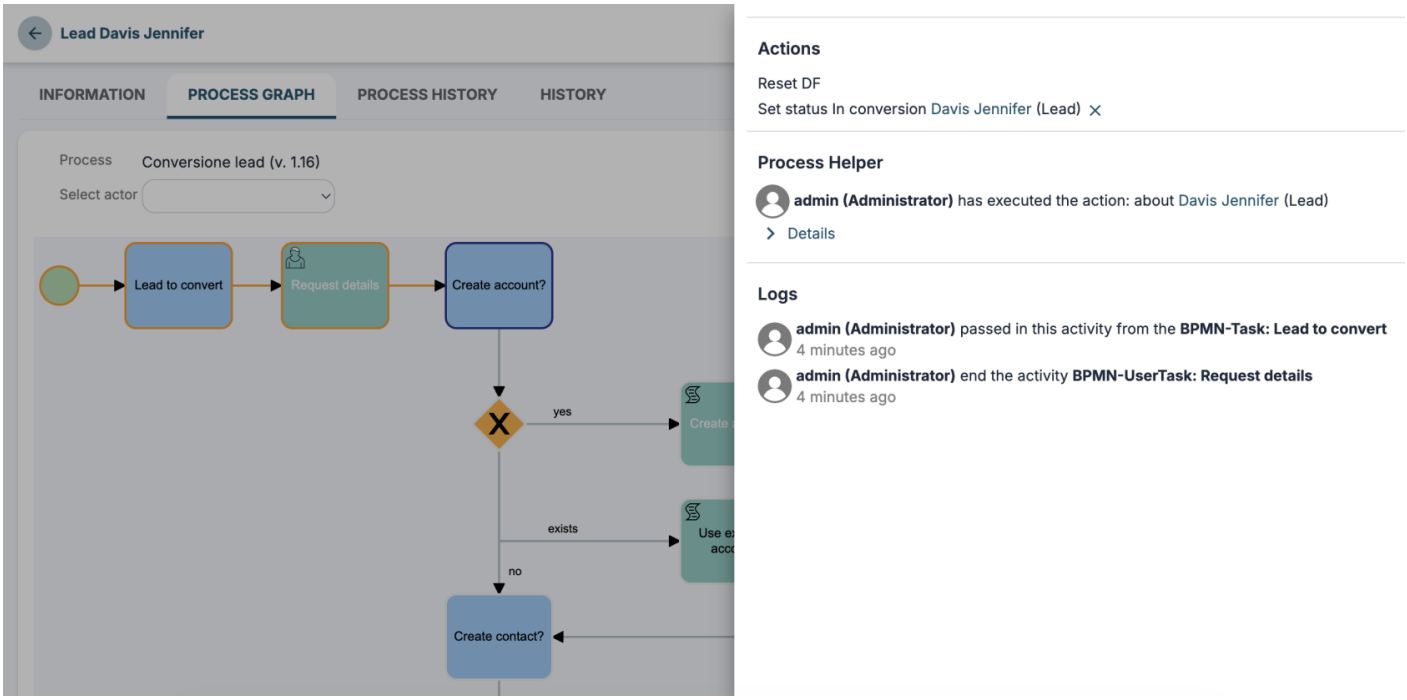
New options in conditions

"in" and "not in" options have been added to conditions on picklist fields to check multiple entries. In the "has changed" option, the "any value" entry has been added to check if a picklist field has changed to any value.



New panel for process graph logs

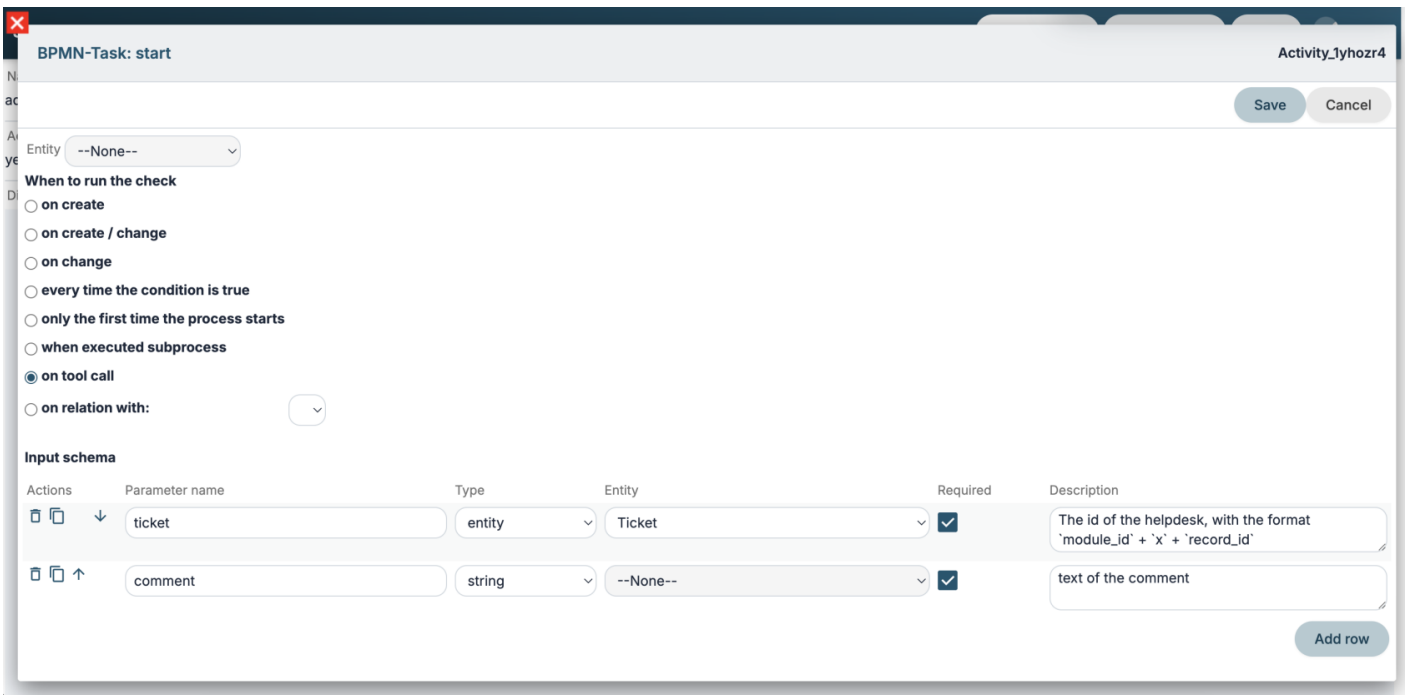
Improved the process graph UI in the record detail view.



Tool-type Processes

You can create new **tool**-type processes that can be called multiple times within the same process or by multiple processes as if they were functions.

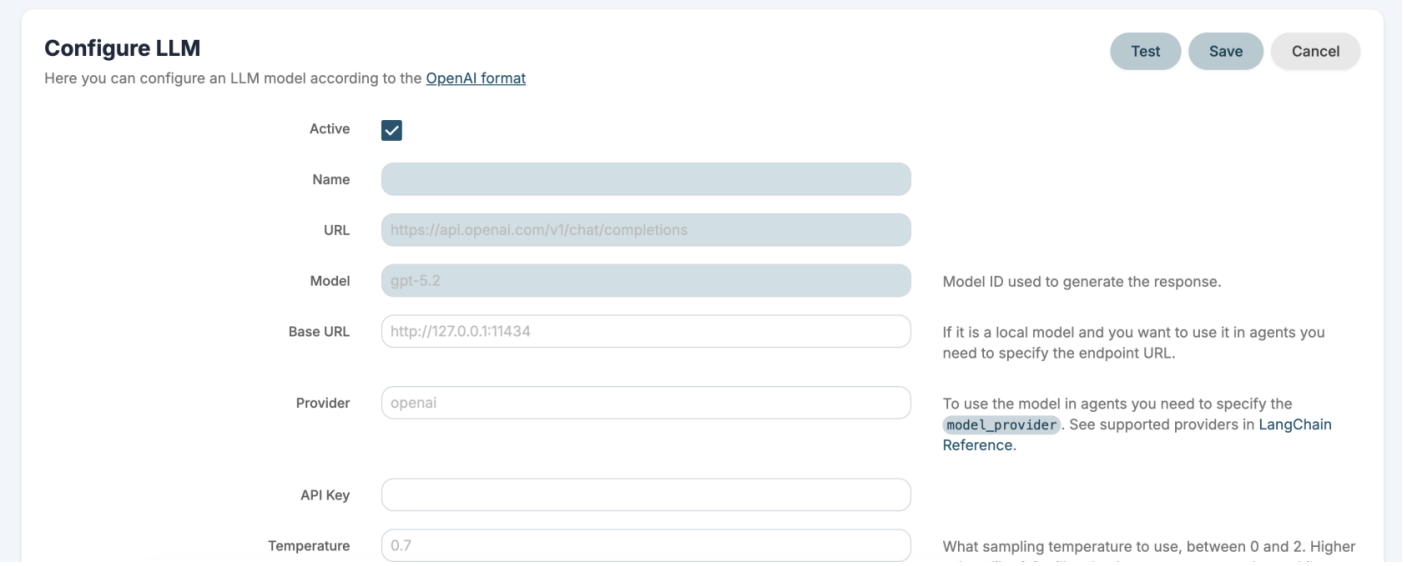
They can also be published as tools on an MCP server.



AI Tools

LLM

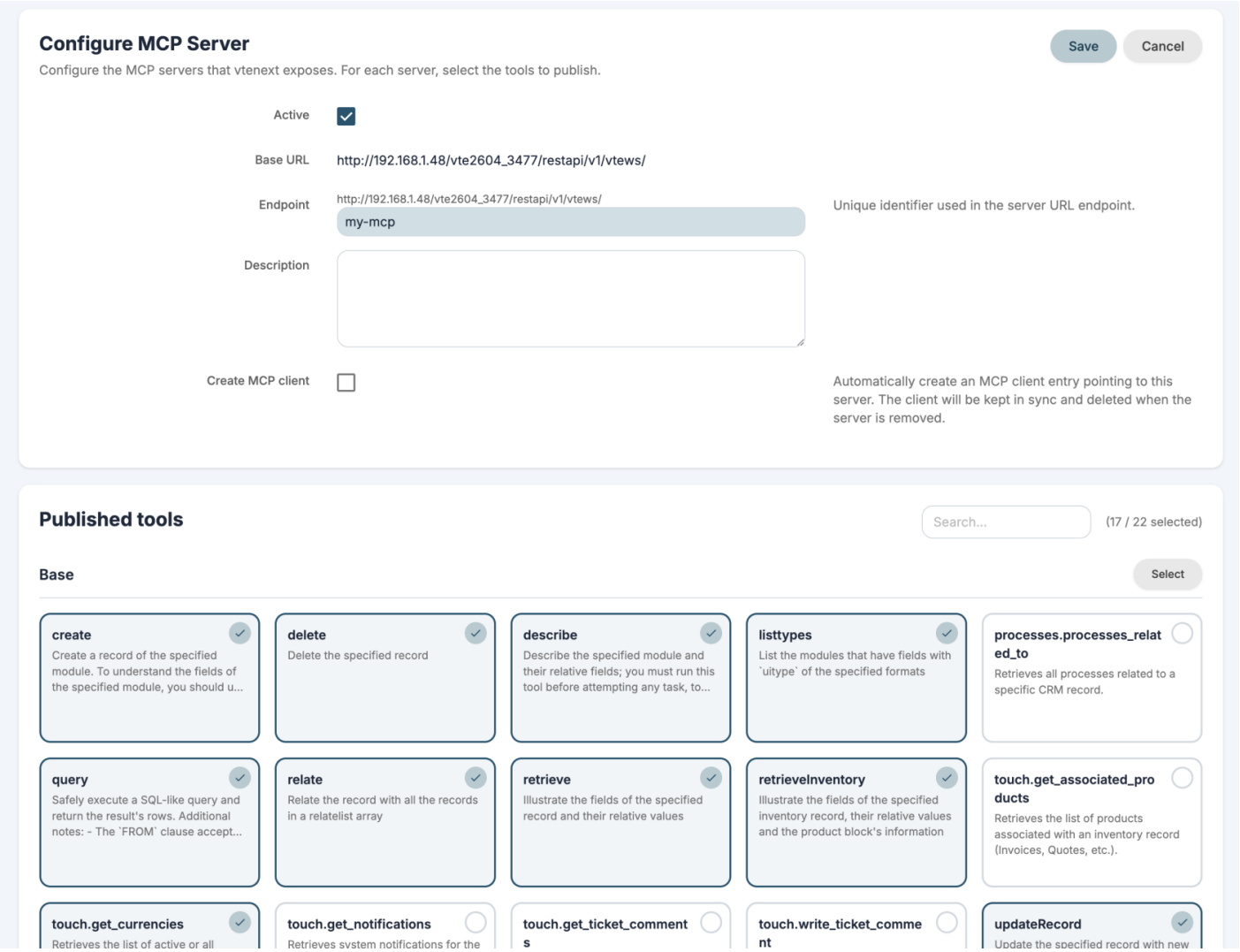
You can configure an LLM model according to the OpenAI format.



MCP Server

You can configure the MCP servers that VTENEXT exposes. For each server, you can select which tools to publish using REST APIs, custom tools, and Processes.

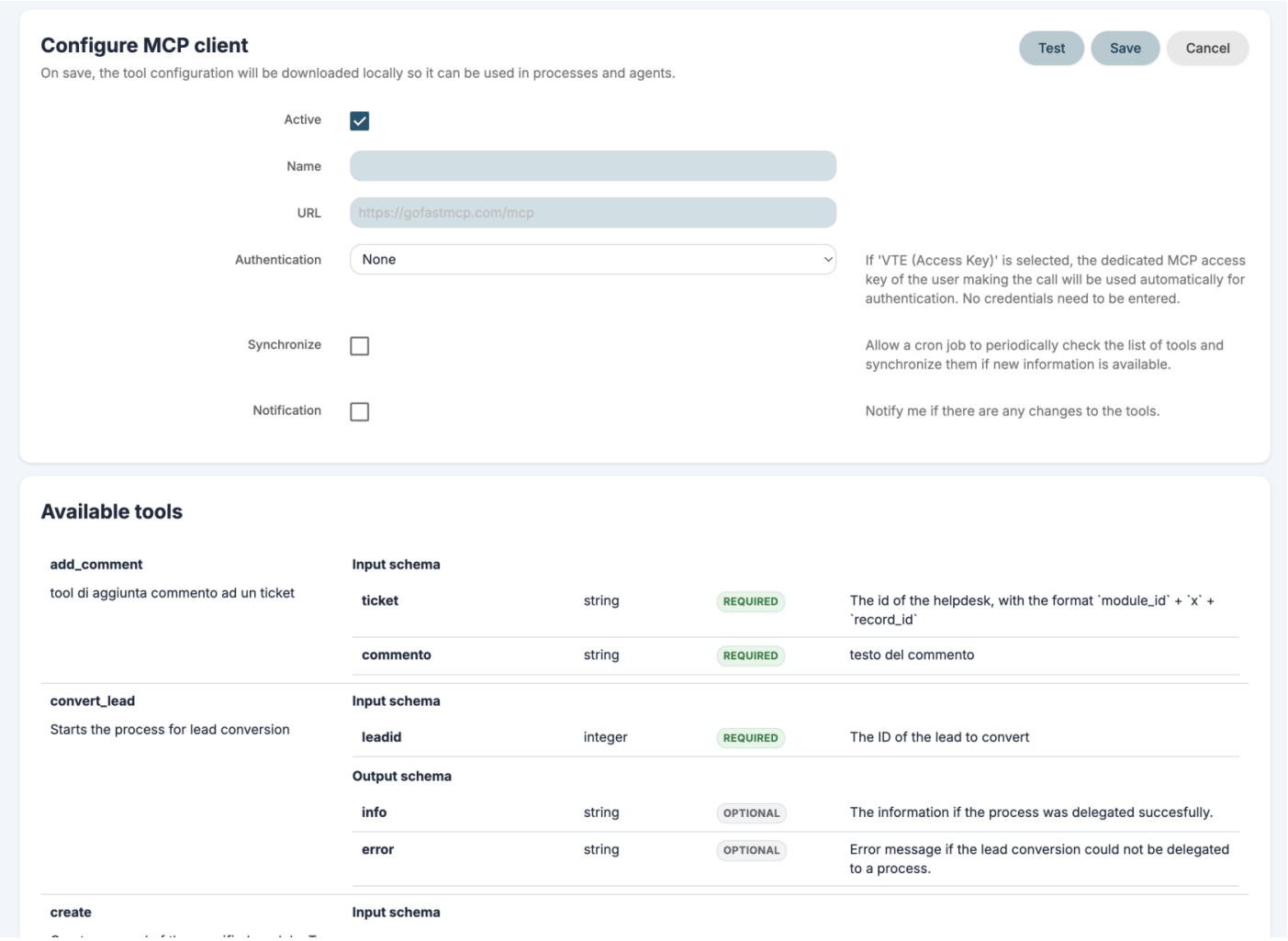
Technical documentation is available here.



MCP Client

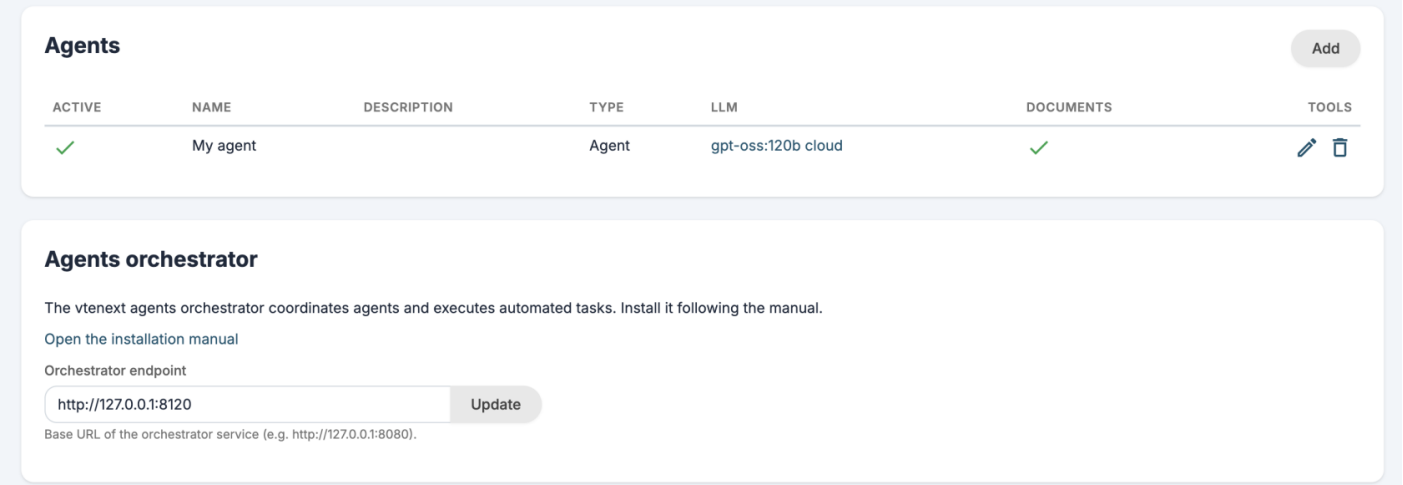
You can configure the MCP servers whose tools you want to use. Only servers exposed via HTTP are supported.

By default you get a VTENEXT MCP and Exa MCP installed for web searches.



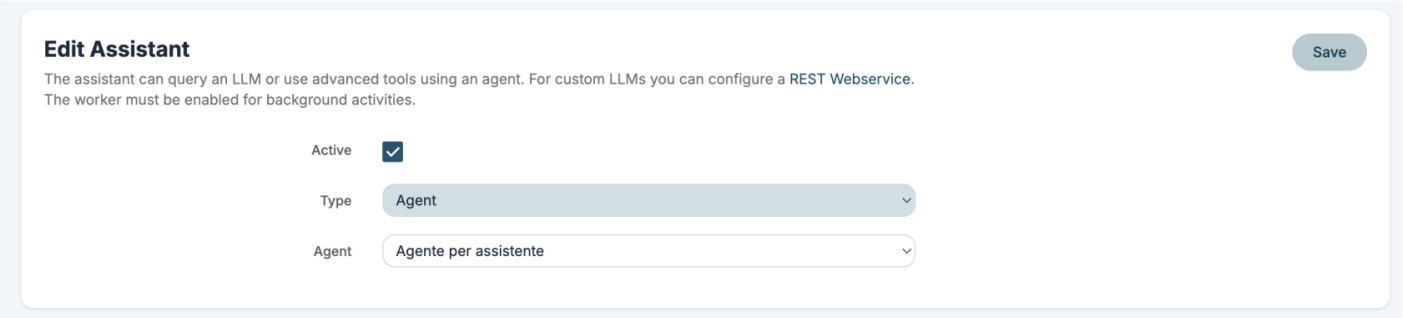
Agents

You can configure AI agents to use in your assistant and processes. An agent can use LLMs, MCP tools and RAG to complete tasks automatically.

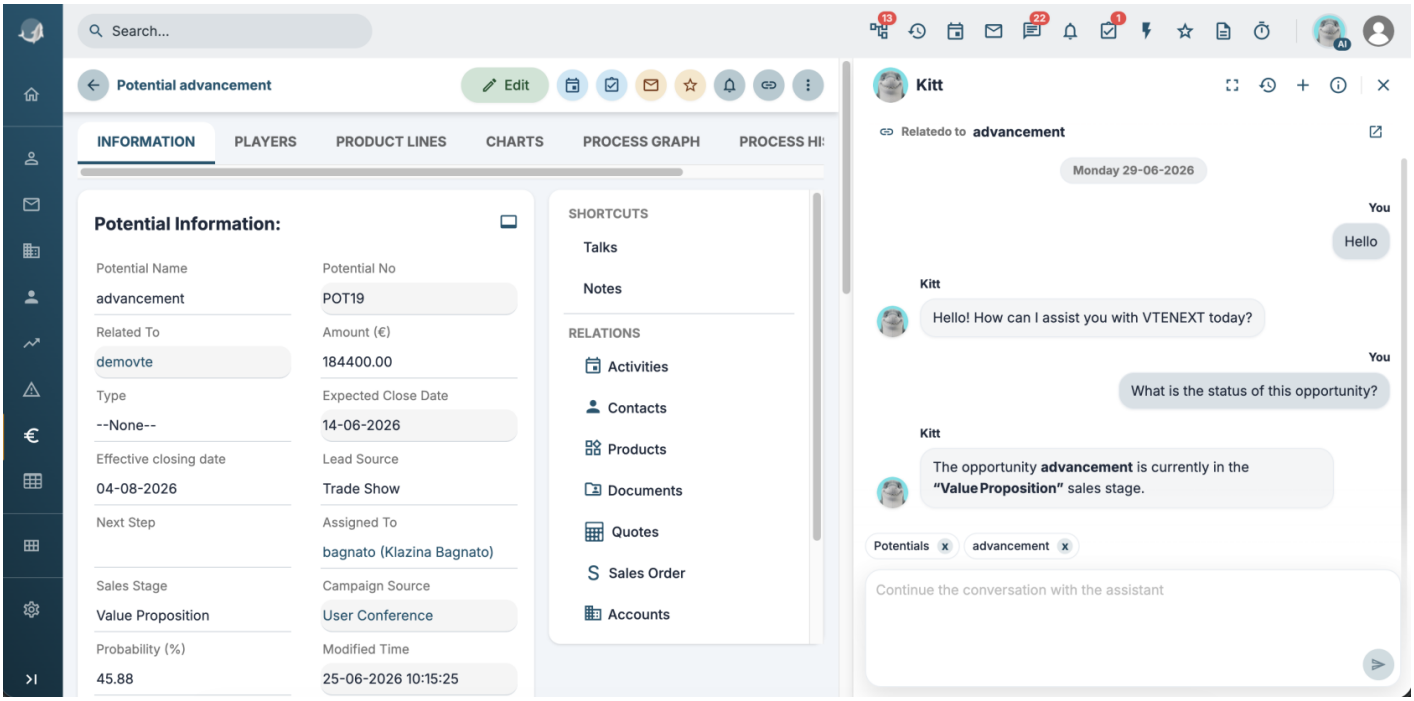


Assistant

The new assistant is called **Kitt** but you can change his name and photo from the user preferences. The assistant can query an LLM, an Agent or a custom REST Webservice.

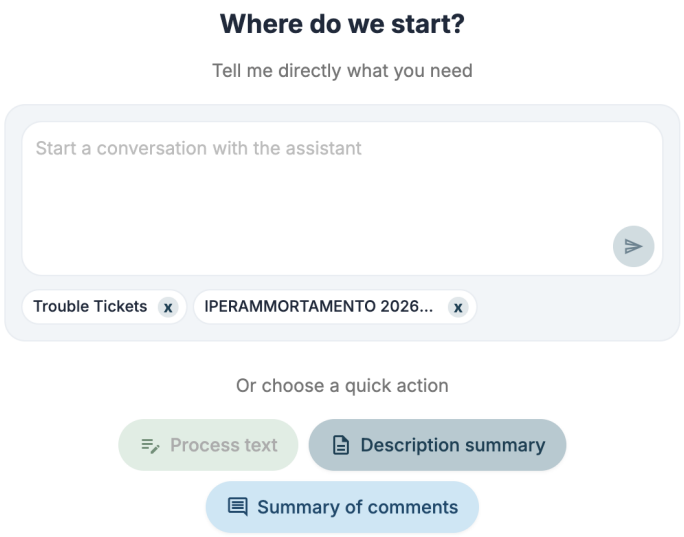


You can ask the assistant questions through conversations or with the new side panel.



You can also use pre-configured **quick actions** to:
- summarize
- process text
- translate

These quick actions can also be published as MCP tools.



Agent Logs

An entry has been added in Settings > System logs to control agent logs.

AI actions in ProcessMaker

You can configure process actions and run:

Call LLM

Make a request to an LLM and use the response in the process.

Call MCP tool

Run an MCP tool.

Call agent

Make a request to an Agent to complete tasks automatically and use the response in the process.

Call process tool

Run a tool-type Process.

Other improvements

Worker

The worker is the new service for immediately executing operations in background (without blocking the user interface) and without having to delegate the operation to a cron job and therefore wait the minimum time of 1 minute.
The worker receives a request to execute via PHP and then sends the response directly to the browser via SSE events.
It has currently been implemented to perform the following operations:
- notifications (ModNotifications)
- process actions with background execution mode
- all requests to the new AI tools

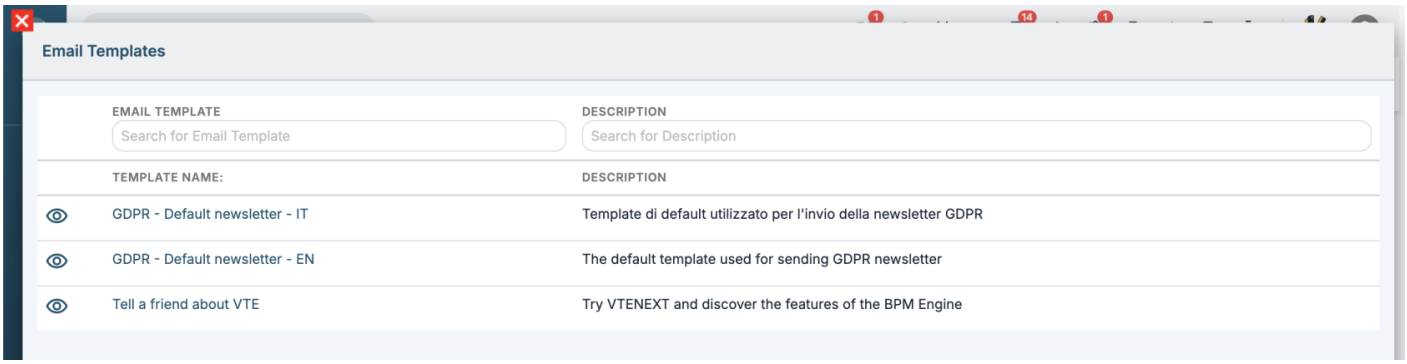
Technical documentation is available here.

Expiration in Access Keys

In **User Preferences > Webservices, REST Api Configuration** you can specify an expiration date for new access keys.
When expired, the Accessk Key will be deleted.

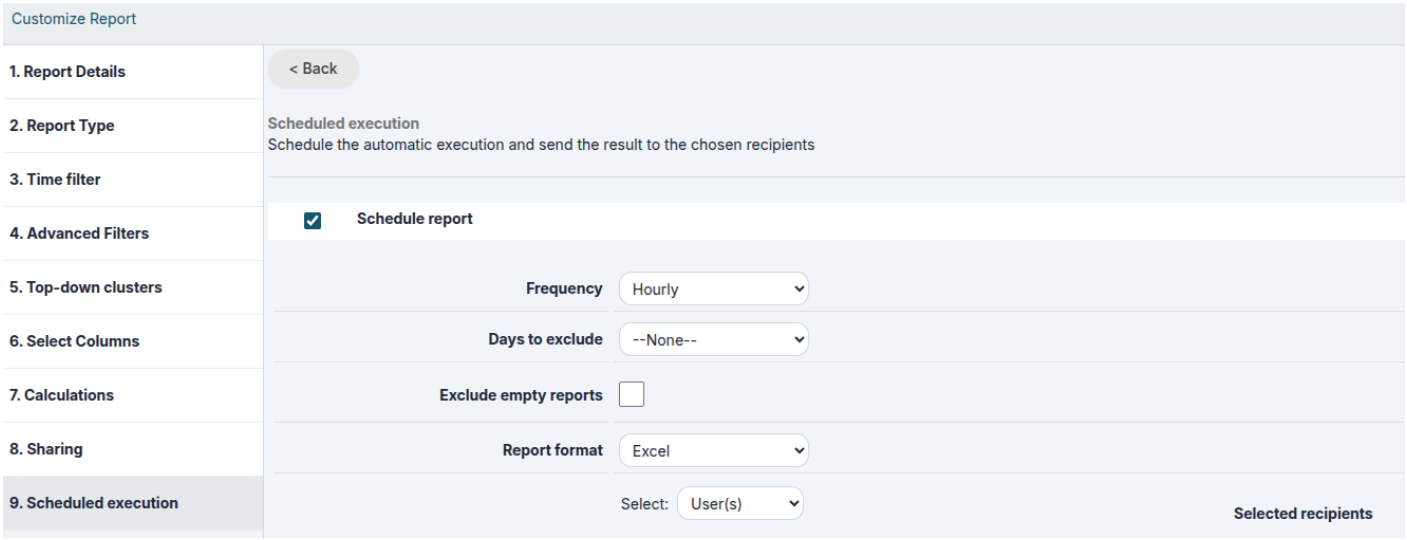
Email template list in newsletter is now searchable

Added grid search in email templates in newsletter.



Improved scheduled reports

In the scheduled report configuration, two options have been added:
1. Exclude holidays/weekends (holidays are related to the "Holiday Countries" field in the admin user's user profile)
2. Exclude empty reports



Widgets' title

Possibility to edit home page widgets' title

