

## Release Notes

### FirstSpirit™ 2026.11

|            |                                |
|------------|--------------------------------|
| Status     | RELEASED                       |
| Department | FS-Core                        |
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## 1 Administration

### 1.1 Audit logging for changes to server configuration files

The **Audit Logging** of FirstSpirit has been extended to include changes to the configuration files `fs-server.conf` and `fs-server-aux.conf`, which are saved via ServerMonitoring. The acting user, the modified file, as well as the added, changed, and removed parameters are logged. The values of password parameters are not displayed.

### 1.2 New logOnly mode for execution constraints

The `execControlConstraints` parameter in `fs-server.conf` now accepts the value `logOnly`. In this mode, disallowed calls from scripts and templates are only written to the server log and are not blocked. This lets you check which scripts and templates would be affected before turning the constraints on, without disrupting ongoing operations. Calls that would cause the server to shut down remain blocked even in this mode. The change takes effect only after a server restart.

## 2 AI-powered tools

### 2.1 Announcement: New Standard Model of the AI Suite - GPT 6

In one of the upcoming FirstSpirit versions, the standard model of the AI Suite will be updated to GPT 6.

If you are using your own connection, please ensure that the GPT-6 Luna model is available. When using our OpenAI connection, no further action is required.

### 2.2 Content Assistant with Form Context

Until now, the Content Assistant only recognized the text field in which it was called. It now takes into account the current language as well as the contents of the other text fields in the same form. With the new "Edit Form with Content Assistant" action, an operation can be applied to all text content of a form. The suggestions are offered for adoption in a comparison dialog; the action is available in the form, in the preview, and in data source management.

## 2.3 New default model gpt-5.6-luna in the OpenAI Connector

The AI assistants in FirstSpirit that use the OpenAI Connector module operate by default with the gpt-5.6-luna model, which delivers overall better results.

Installations without a custom model entry automatically switch to the new model with the module update; an explicitly configured model remains unchanged.

At Microsoft Azure OpenAI, gpt-5.6-luna is often not deployed – in this case, the model must be deployed or a available model must be entered in the configuration.

For requests with function calls, the ServerManager configuration additionally provides the field "Reasoning Effort (Tools)".

## 2.4 Preselection of options in the Content Assistant

The user guidance for options in the Content Assistant has been optimized. Now the first entry is preselected, and options with only one entry are no longer shown. For special cases where an explicit empty selection is still desired, an entry with an empty prompt can be prefixed to the entries.

## 3 Module Development, Scripts, API

### 3.1 Download fs-isolated-runtime.jar directly from the server

Applications accessing the server via the FirstSpirit API require the fs-isolated-runtime.jar matching the server version.

Until now, it had to be obtained from an artifact repository or copied from the server's file system to match the exact server version.

The server now provides it at <server>/jar/fs-isolated-runtime.jar. Valid login credentials are required for the download. For example:

```
curl -u <benutzer>:<password> -O <server>/jar/fs-isolated-runtime.jar
```

The server consistently provides the file corresponding to its current version. Following a server update, it is sufficient to download the file again without requiring knowledge of the updated version number.

## 4 Deprecations

For Crownpeak, an important goal in software development is to avoid introducing incompatibilities and migration expenditures related to updating from one FirstSpirit release to the next as much as possible or to compensate for these within the software. FirstSpirit updates should generally be deployable with little effort or able to be carried out in a fully automated fashion.

However - not least in order to ensure maintainability and to future-proof the software - e-Spirit cannot fully avoid replacing existing functionality with new mechanisms. In the future, functionality that will be removed from the software will be listed in this section, including the date at which time the functionality will be removed.

| Functionality                                                                 | Deprecated as of | Will be removed/<br>Was removed as of |
|-------------------------------------------------------------------------------|------------------|---------------------------------------|
| Input component CMS_INPUT_CONTENTAREALIST                                     | 5.2R3            |                                       |
| Input component CMS_INPUT_CONTENTLIST                                         | 5.2R3            |                                       |
| Input component CMS_INPUT_FILE                                                | 5.2R3            |                                       |
| Input component CMS_INPUT_LINKLIST                                            | 5.2R3            |                                       |
| Input component CMS_INPUT_OBJECTCHOOSER                                       | 5.2R3            |                                       |
| Input component CMS_INPUT_PAGEREF                                             | 5.2R3            |                                       |
| Input component CMS_INPUT_PICTURE                                             | 5.2R3            |                                       |
| Input component CMS_INPUT_TABLIST                                             | 5.2R3            |                                       |
| FirstSpirit Access API:<br>de.espirit.firstspirit.agency.GroupsAgent          | 5.2R15           |                                       |
| FirstSpirit Access API: delete<br>(de.espirit.firstspirit.access.AccessUtil)  | 5.2R18           |                                       |
| FirstSpirit Access API: release<br>(de.espirit.firstspirit.access.AccessUtil) | 2018-06          |                                       |

| Functionality                                                                                                    | Deprecated as of | Will be removed/<br>Was removed as of |
|------------------------------------------------------------------------------------------------------------------|------------------|---------------------------------------|
| FirstSpirit Access API: getLastLoginAsDate<br>(de.espirit.firstspirit.agency.UserStatisticsAgent)                | 2018-07          |                                       |
| FirstSpirit Access API:<br>getLostAndFoundStoreNodes();<br>(de.espirit.firstspirit.feature.FeatureInstallResult) | 2018-10          |                                       |
| FirstSpirit Access API: getDeletedStoreNodes();<br>(de.espirit.firstspirit.feature.FeatureInstallResult)         | 2018-10          |                                       |
| FirstSpirit Access API:<br>de.espirit.firstspirit.access.store.Previewable                                       | 2019-01          |                                       |
| WebSphere Application Server support for FirstSpirit                                                             | 2019-05          |                                       |
| FirstSpirit Access API:<br>redirectTemplateLogToDefaultLog() (Interface<br>RenderingAgent.Renderer)              | 2021-05          |                                       |
| Omnichannel Manager 2.x                                                                                          | 2025-01          |                                       |
|                                                                                                                  |                  |                                       |

## 5 Overview

| ID         | Description                                                                                                                                                                                                                                    | Categories                             |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|
| CORE-16713 | <p>The user guidance for options in the Content Assistant has been improved.</p> <p>Further information can be found in chapter “AI-powered tools: Preselection of options in the Content Assistant”.</p>                                      | AI-powered tools,<br>Content Assistant |
| CORE-17849 | <p>The OpenAI Connector module now uses gpt - 5 . 6 - luna instead of gpt - 4o - mini as its default model.</p> <p>Further information can be found in chapter “AI-powered tools: New default model gpt-5.6-luna in the OpenAI Connector”.</p> | AI-powered tools                       |
|            |                                                                                                                                                                                                                                                |                                        |

| ID         | Description                                                                                                                                                                                                                                                                     | Categories                                  |
|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|
| CORE-18090 | <p>The FirstSpirit server now offers the <code>fs-isolated-runtime.jar</code> matching its version directly for download.</p> <p>Further information can be found in chapter “Module Development, Scripts, API: Download fs-isolated-runtime.jar directly from the server”.</p> | Module development,<br>Server Administrator |
| CORE-18134 | Log output of the core web apps is forwarded to the FirstSpirit Server and written again to the corresponding <code>fs-webapp-*.log</code> files.                                                                                                                               | Logging                                     |
| CORE-18165 | A FirstSpirit HTTP client connection now supports automatic <b>proxy authentication</b> on Windows.                                                                                                                                                                             | Server Administrator                        |
| CORE-18189 | Performance improvements have been achieved for displaying the language-dependent release status in the SiteArchitect navigation tree for very large subtrees.                                                                                                                  | Performance,<br>SiteArchitect               |
| CORE-18191 | The version of the integrated web server module "Embedded Tomcat" has been increased to 11.0.25. The use is <b>not</b> suitable for productive operation and should only be for testing purposes.                                                                               | Server Administrator                        |
| CORE-18192 | The establishment of new connections to the FirstSpirit server has been optimized for long runtimes under heavy loads.                                                                                                                                                          | Server Administrator                        |
| CORE-18199 | <p>Violations of the execution constraints for scripts and templates can now be logged instead of blocked.</p> <p>Further information can be found in chapter “Administration: New logOnly mode for execution constraints”.</p>                                                 | FirstSpirit Administrator                   |
| CORE-18204 | An error in generation has been fixed for the output of <code>FS_REFERENCE</code> with <code>useSections="only"</code> within DOM elements in JSON.                                                                                                                             | Input Components,<br>Support for JSON       |
| CORE-18217 | Cleanup of resources that are no longer needed within open connections has been optimized. On long-running servers, this can positively affect memory consumption.                                                                                                              | Server Administrator                        |
| CORE-18220 | When importing a project, the setting for strict MIME type checking during media uploads is now correctly transferred to the target project.                                                                                                                                    | Project export / import                     |
|            |                                                                                                                                                                                                                                                                                 |                                             |

| ID         | Description                                                                                                                                                                                                                                               | Categories                     |
|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|
| CORE-18230 | <p>The <b>audit logging</b> of FirstSpirit now also includes changes to configuration files made via the ServerMonitor.</p> <p>Further information can be found in chapter “Administration: Audit logging for changes to server configuration files”.</p> | Server Administrator           |
| CORE-18231 | Thread dumps from FirstSpirit are now saved in the standard format and include information about relevant virtual threads.                                                                                                                                | Server Administrator           |
| CORE-18246 | MultiSite Management no longer opens unnecessary connections to the server when displaying target projects. This reduces the server load and ensures that the server remains reliably accessible even with many target projects.                          | Multisite Management           |
| CORE-18248 | A bug restricting access to security-critical Java methods from schedule task scripts has been fixed.                                                                                                                                                     | Security, Tasks                |
| CORE-18249 | The "AgencySupport" module has not been supported since FirstSpirit 2025.8. With the current version of FirstSpirit, it will be automatically uninstalled when the server starts.                                                                         | Modules, Server Administrator  |
| CORE-18251 | The closing and cleanup of aborted connections to the FirstSpirit server have been improved.                                                                                                                                                              | Server Administrator, Sessions |
| CORE-18273 | There have been performance improvements in displaying store structures within the SiteArchitect navigation tree, especially for very large subtrees.                                                                                                     | Performance, SiteArchitect     |
| CORE-18290 | <p>The standard model of the AI Suite will be updated to GPT 6 in one of the next versions.</p> <p>Further information can be found in chapter “AI-powered tools: Announcement: New Standard Model of the AI Suite - GPT 6”.</p>                          | AI-powered tools               |
| CXT-3862   | <p>The Content Assistant can edit an entire form in a single step.</p> <p>Further information can be found in chapter “AI-powered tools: Content Assistant with Form Context”.</p>                                                                        | Content Assistant              |
| CXT-3870   | When performing a quick search in the input components FS_REF - ERENCE and FS_DATASET, it could happen that the displayed search results were cut off at the bottom of the screen.                                                                        | ContentCreator                 |

| ID       | Description                                                                                                                                                                               | Categories                                 |
|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|
| CXT-3877 | Under Java 23 or earlier versions, there could be resource issues when establishing the connection to MicroApp.                                                                           | FirstSpirit Content Experience Tools (CXT) |
| CXT-3882 | In ContentCreator, there could be a timing issue during the initialization of OCM in external preview applications. This caused editing functionalities in the preview to be unavailable. | FirstSpirit Omnichannel Manager            |
| CXT-3883 | Security improvements based on regularly conducted pentests.                                                                                                                              | ContentCreator                             |
| CXT-3884 | In certain cases, ContentCreator could experience session issues due to faulty media preview URLs.                                                                                        | ContentCreator                             |
|          |                                                                                                                                                                                           |                                            |