[Wave 2.18](#) (30.01.2024)

New Features

- SP-11046338: Multi Factor Authentication (Additions)
- SP-11048682: Logicbuilder access for Cloudflow file information

Multi Factor Authentication (MFA)

We have added a new configuration variable to the MFA Feature which lets you configure how many bad attempts are possible before a link gets invalid. With `mfa.countdown` there is now a counter which counts how many times the link is beeing used in a wrong location, like wrong Computer or wrong Browser, and if it reaches the configured amout the link will be deactivated. The default value for this is 3.

Access Job's Cloudflow File Information with Logicbuilder

With this release it is now possible to access coudflow file information which are available in a job. If you know the src and the jobid in the Logicbuilder Script you can get all files which have a certain Filecategory from the Cloudflow folder. For each of those files you can then access several information like the fileid.

```
set cf = cloudflow.getJob('rep', "JOBID")
set f = cf.getFiles('Approval PDFs', true)
cf.getBaseUrl() // Cloudflow URL
file.fileid // File ID
```

Bug Fixes

- SP-11045919: Fixed issues with the task overview of SPC Jobs related to MAS Jobs.
- SP-11045843: Fixed issues with the list view of Wave Settings.

- SP-11047325: Fixed issues regarding bad emails when using the backup function while approval loops.
- SP-11044717: Fixed issues with missing emails when there was no template in the user's language.
- SP-11048339: Fixed redirect to the new dashboard after changing the profile picture.
- SP-11043045: Fixed checking of edit rights when changing user rights.
- SP-11048079: Fixed workflow events export.
- SP-11048477: Fixed toggle button width in phrase.
- SP-11044897: Fixed issues with the search function in picker selections.
- SP-11048847: Fixed issues with special characters in emails generated for on hold or cancelled jobs.
- SP-11044778: Fixed dalim language when using compare files.
- SP-11048292: Fixed issues with displayed html code in tooltips.
- SP-11027123: Fixed issues finding the correct user when entering the email adress into the receiver field.
- SP-11045870: Phrase accepts N/A as valid entry for Nutri Tables
- SP-11046647: Chili Urls has been renamed to automate

Wave 3.0 Changes

- SP-11046963: Refactoring of Wave Configuration Tables