

# Release Notes: ProcessMaker 3.4.5

Release Date: January 13th, 2020

This document contains Release Notes for ProcessMaker 3.4.5. Release Notes are cumulative, and document improvements and bug fixes associated with this release unless otherwise noted. [A list of older ProcessMaker Release Notes is included at the end of this document.](#)

## Links to System Requirements and Special Instructions for This Release

1. [Supported Stacks](#)
2. [Supported Web Browsers](#)
3. [Review the ProcessMaker versions to upgrade to ProcessMaker 3.4.5](#)

## Improvements

This section documents improvements for ProcessMaker 3.4.5:

1. **Media controls improved:** These are the following improvements:
  - Multiple File variables for Audio, Video, Signature, and Image controls provide easier ID management for each control.
  - Upload images while offline.
  - **Available offline** property added in the Image Mobile control to download images while offline.
  - Preview and delete images while uploading files.
  - Cancel image uploading.
2. **Properties added to controls in Dynaform designer to be American with Disabilities Act (ADA) compliant:** Attributes **Tab index** and **Aria label** added in all controls except hidden, grid, panel and mobile. Attribute **Tab index** also is not included in title, subtitle and label controls. Attribute **Aria label** also is not included in datetime control. Attribute **Aria label visibility** added to radio button and check group controls. Below is a brief description of how to use these attributes for Dynaform users with disabilities:
  - **Tab Index:** Use the **Tab Index** attribute to explicitly define the navigation order for controls within the Dynaform. It can also be used to define whether elements should be focusable or not.
  - **Aria label:** Use the **Aria label** attribute to define a string that labels a Dynaform control that does not have a visible label.

## Bug Fixes

This section documents bug fixes for ProcessMaker 3.4.5:

1. **Groups list properly:** The correct number of groups per page displays correctly when a large number of groups exist.
2. **Dynaforms that use the `getControl()` method display correctly:** Using `getControl()` JavaScript function in Dynaforms while in view mode does not cause an incorrect routing of cases.
3. **Extended info imports properly when the export file contains group information:** Plugin data and the imported process have the same configurations as the original workspace.
4. **Permission verification added for ProcessMaker users:** When PM\_USERS authorization is not enabled in admin settings, the user does not have access to other users' personal data.
5. **Injection vulnerability fixed:** Added a security control against Cross-Site Scripting and HTML Injection when the user searches within the ProcessMaker inbox using Firefox.
6. **Dropdown defined by an array variable populates correctly:** Data displays properly when using array values to populate dropdowns in Dynaforms.
7. **JavaScript functions in Suggest fields work independently if user modifies a value:** Functions such as hide, show, or require do not affect actions when modifying a value in Suggest fields for Dynaforms.
8. **Administrator expiration date is calculated:** The Admin user expiration date calculates as one year after starting from the ProcessMaker installation or workspace creation.
9. **Cases initiate correctly on Internet Explorer 11:** Initiate cases correctly from the Home tab in Internet Explorer 11.
10. **Textareas do not have empty spaces anymore:** When filling a textarea control for the first time, there is no more empty space when you start to fill the field.

## Previous Release Notes

Refer to the previous Release Notes from ProcessMaker versions 3.2 through 3.4.4:

- [3.4.4](#)
- [3.4.3](#)
- [3.4.2](#)
- [3.4.0](#)

- [3.3.17](#)
- [3.3.16](#)
- [3.3.15](#)
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