**APPENDIX H**

# **Fiori Enhancements 2023**

SAP recently released the **S/4HANA 2023 FPS00** version, which features numerous new features and enhancements. The following are some of the main essential features and improvements.

**Fiori Enhancement 2023 FPS00**

New features incorporated were:

**Personalization of The Navigation Bar**

In the S/4HANA 2023 FPS00 release, users can now personalize the SAP Fiori navigation bar to display spaces according to their preferences. This feature allows users to customize the SAP Fiori launchpad's navigation bar by selecting and arranging spaces as needed. Administrators can enable or disable this feature using the new parameter provided by SAP: **SPACES\_NAVIGATION\_BAR\_PERSONALIZATION**.

**New System Information Bar**

In the S/4HANA 2023 FPS00 release, the SAP Fiori launchpad has introduced a new System Information Bar located above the shell bar. This bar displays important system information, including the tenant's name and role. When working with multiple systems, it becomes easy to identify which system is currently open, whether it is a test system or a quality system. Administrators have the option to enable the System Information Bar and can choose a specific color for it. There are five parameters available for administrators to customize the text, layout, and behavior of the System Information Bar.:

* SYS\_INFO\_BAR
* SYS\_INFO\_BAR\_COLOR
* SYS\_INFO\_BAR\_MAIN\_TEXT
* SYS\_INFO\_BAR\_SECONDARY\_TEXT
* SYS\_INFO\_BAR\_ICON

**SAP Fiori Launchpad: Home Page Deprecated**

Deprecation of the Group-based Home Page has been announced. Users using the group-based home page will need to note that this feature will be replaced by the Spaces and Pages layout out and the group-based layout will be removed from future releases.

**SAP Fiori Launchpad Designer: Features Deprecated**

New tools will soon replace the essential features of the SAP Fiori launchpad designer. For example, going forward, the SAP Fiori launchpad application manager (transaction code /UI2/FLPAM) will be used for managing technical catalogs, tiles, and target mappings, and the SAP Fiori launchpad content manager (transaction code /UI2/FLPCM\_CUST) will be used for managing and transporting business catalogs.

Some of the features of SAP Launchpad Designer that will be deprecated and will be removed from future releases include:

* Managing Groups in the designer
* Catalogs with references
* Creating and managing target mappings in the designer
* Creating standard tiles (static, dynamic, and news tiles)
* Remote catalog handling
* Forward navigation from the tile/target mapping reference to the original
* Show similar target mappings

**New Launchpad Parameter - INPUTFIELD\_SUGGESTIONS**

In the S/4HANA 2023 FPS00 release, SAP introduced a new Launchpad parameter called **INPUTFIELD\_SUGGESTIONS**, which has been added to the SAP Fiori Launchpad. When this parameter is enabled, it provides suggestions as users type in input fields within apps that support this feature, such as SAPUI5 applications utilizing SmartFields. This enhancement improves the user experience by offering relevant suggestions, reducing the amount of typing needed, and helping users quickly find the correct input. If there are any performance issues, SAP recommends disabling the parameter.

**New Launchpad Parameter - COMPANY\_LOGO\_ACCESSIBLE\_TEXT**

In the SAP S/4HANA 2023 FPS00 release, SAP has introduced a new feature in the SAP Fiori launchpad. This feature allows administrators to add alternative text for the company logo displayed in the Fiori launchpad. This is achieved through a new parameter called COMPANY\_LOGO\_ACCESSIBLE\_TEXT.

**Sort Priority for Predefined Spaces**

In the SAP S/4HANA 2023 FPS00 release, the SAP-provided **Predefined Spaces** now have a new priority value. Based on this priority, the Spaces (Pages within them) are displayed in the navigation bar in a specific order, based on business requirements and user needs, ensuring that users see the most relevant spaces first when they access the Fiori launchpad. Administrators can now view the priority in the **Manage Launchpad Spaces** app under the **Space Details** tab on the **General** tab. It's important to note that the sort priorities of predefined spaces cannot be edited.

**OData V4 Support**

The SAP S/4HANA 2023 FPS00 release, the **OData V4,** is the latest protocol version, offering several enhancements and new features compared to OData V2. OData V4 has replaced OData V2 as the standard version. The SAP Fiori Launchpad Content Manager **/UI2/FLPCM\_CUST** tool is now enhanced to support service checks for OData V4.

**SAP Fiori Launchpad Content Aggregator: Client Specific (Customizing) - /N/UI2/FLPCA**

The SAP S/4HANA 2023 FPS00 release has updated the SAP Fiori Launchpad Content Aggregator (transaction code: /N/UI2/FLPCA) for Fiori Launchpad Configuration Administration. It allows administrators to manage and configure various aspects of the SAP Fiori launchpad, including settings for tiles, catalogs, groups, and roles. This Transaction Code has been updated to display the following.

* Display OData V2 Services
* Display OData V4 Services
* Display ICF Services
* Display Successor Transaction

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**Figure H-1:** Transaction/N/UI2/FLPCA updated

**Display Change Logs for SAP Fiori Launchpad App Manager**

In the SAP S/4HANA 2023 FPS00 release, the new transaction code**/N/UI2/FLPAM\_LOG** was introduced, which generates a report displaying the change logs for the SAP Fiori Launchpad App Manager. It offers multiple selection options and better visibility than the standard application log (transaction SLG1). "It provides administrators with insights into various operations and issues within the Fiori launchpad, making it easier to find the required information. This also allows administrators to view detailed logs of actions and events that have taken place in the SAP Fiori launchpad. This includes errors, warnings, and informational messages. This transaction code helps troubleshoot Fiori errors by providing detailed information about problems and can be used to track down issues related to user access, application failures, and configuration errors. Furthermore, it enables continuous monitoring of the Fiori launchpad to ensure seamless operation and proactively address potential issues.

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**Figure H- 2:** Display Change Logs for SAP Fiori Launchpad App Manager

**Checking Launchpad Pages for Broken References**

In the SAP S/4HANA 2023 FPS00 release, the report **"Check Pages for Broken References,"** (transaction code **/UI2/CHECK\_PAGE\_REFS),** verifies if selected pages have broken links to tiles or target mappings and enumerates these broken links. This transaction ensures the integrity and consistency of page references in the SAP Fiori launchpad, especially during transport and deployment processes. It is also beneficial for troubleshooting.

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**Figure H- 3:** Checking Launchpad Pages for Broken References

**Time Zone Support - TIME\_ZONE\_FROM\_SERVER\_IN\_UI5**

During the SAP S/4HANA 2023 FPS00 release, SAP introduced a new parameter for Time Zone Support in SAP Fiori called **TIME\_ZONE\_FROM\_SERVER\_IN\_UI5**. This parameter ensures that the time zone information displayed in the SAP Fiori user interface (UI) aligns with the server's time zone settings, promoting consistency across different users and systems. By using this parameter, the SAP Fiori UI is required to adopt the server's time zone information instead of the local time zone of the client. This helps ensure the accuracy of time data in business applications.

**Share: Microsoft Teams**

In the SAP S/4HANA 2023 FPS00 release, you can now access integration options by clicking the Share: Microsoft Teams menu button.:

* **As Chat:** This feature enables efficient collaboration and quick issue resolution by allowing you to use Microsoft Teams chat to share direct links with your colleagues. For instance, you can grant them access to a specific version of an SAP Fiori application, which helps them promptly address any requests or tasks..
* **As Tab:** This feature facilitates efficient collaboration with colleagues on designated content by utilizing a Microsoft Teams tab, which enables the sharing and discussion of ideas pertinent to an SAP Fiori application.

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**Figure H- 4:** Options available

**Type-Ahead Feature in Fields**

The type-ahead feature in SAP Fiori applications has been updated in the SAP S/4HANA 2023 FPS00 release. In this revision, when a user inputs text into an intelligent field, the system will no longer automatically complete the entry with an exact match. Instead, the corresponding item will be presented and highlighted within the dropdown list.

**Button for My Views**

Within the SAP S/4HANA 2023 FPS00 release, the toggle button has been replaced with a simple button for "My Views " in SAP Fiori apps.

**Responsive Text Length in View Titles**

This feature adjusts view titles to fit the available space on the UI, eliminating truncation and displaying the full title in the SAP S/4HANA 2023 FPS00 release.

**Fiori Enhancement 2023 FPS01**

New features incorporated were:

**Adapting UIs in Multiple Systems**

This feature allows you to centrally update the user interface of an app in a baseline system and then transfer those updates to one or more target systems. You can also make additional adjustments to the target systems as needed. To utilize this feature, you must designate one system or client as the baseline. When you transfer UI changes from the baseline to the target system, those changes are integrated into the original app in the target system.

**Transaction Codes for Custom Apps**

You can utilize this feature to manage LADIs (Local Application Development Integrations) for your custom UI5 applications and create a transaction code in the SAP Fiori Launchpad app manager. This functionality allows you to share your Launchpad content with Work Zone using exposure version 2. Additionally, the transaction codes generated in the SAP Fiori Launchpad app manager can be used as app IDs.

**Activating OData/ICF Services using Task Lists**

You can use this feature to launch the rapid activation task list directly from the Launchpad Content Manager. You have the option to choose activation criteria based on catalogs or roles. The selected criteria will be applied to the task list run, enabling you to activate all apps associated with the chosen catalogs or roles.

**Composite Role Support**

With the release of S4HANA 2023 FPS01, composite roles are now supported in both the SAP Fiori Launchpad Content Manager (/UI2/FLPCM\_CUST) and the SAP Fiori Launchpad Content Aggregator (/UI2/FLPCA).

In the SAP Fiori Launchpad Content Manager, users can now manage composite roles effectively. A new "Role Type" column has been added to all relevant screens, allowing users to easily distinguish between single roles and composite roles.

Additionally, the report in the SAP Fiori Launchpad Content Manager now includes columns that display information on Composite Role Name, Composite Role Description, and Composite Role Transaction Status. The previously named "Single Role" column has been renamed to incorporate the prefix "Single."

**OData V4 Support in Launchpad Content Aggregator**

OData V4 is set to replace OData V2 as the standard version of OData. The SAP Fiori Launchpad Content Aggregator (Transaction /UI2/FPLCA) report now includes an option to check for OData V4 and display the information in the report.

**Migration of Technical Catalogs**

The migration of technical catalogs allows users to transfer catalogs from the old format used by the Launchpad Designer to the new format in the Application Manager. By completing this migration, the SAP Fiori Launchpad Application Manager will become the primary tool for managing catalogs, replacing the SAP Fiori Launchpad Designer. This catalog migration paves the way for future updates and new features.

**Merging Launchpad Spaces or Pages**

SAP has introduced an excellent feature that enables the merging of spaces and pages within the SAP Fiori launchpad. Administrators can now merge spaces or pages by using the Manage Launchpad Spaces and Manage Launchpad Pages apps. This feature helps minimize the duplication of apps, pages, or spaces for users and allows for the enhancement of SAP-delivered content with customer-specific content. In the Manage Launchpad Spaces/Pages app, users can view and edit merge information in the General Data tab, where the merge ID is displayed in the overview lists.

**New Field User ID and Launchpad Parameter**

SAP now includes a Launchpad parameter called USERSETTINGS\_DISPLAY\_USER\_ID that displays the user ID of the currently logged-in user in the User Account tab under the User Settings

**New Calendar Week Settings in Launchpad User Settings**

The SAP Fiori launchpad provides users the option to select their preferred calendar week numbering format. The current week numbering format is displayed in the user settings, which can be adjusted according to individual preferences. The available options include System Settings (Default), Middle Eastern, and Western Traditional formats.

**Integration of SAP Mobile Cards in SAP Fiori Launchpad Removed**

The integration feature for SAP Mobile Cards with the SAP Fiori Launchpad has been discontinued in the S/4HANA 2023 FPS01 release. To share content seamlessly from the Launchpad to mobile devices, customers are now required to utilize the SAP Mobile Start application. This transition enhances the user experience by providing a more streamlined and robust platform for accessing and managing content on mobile devices.

**Improvements to Handling the Save as Tile Option**

When users navigate from the dynamic tiles created with the "Save as Tile" option, they will not see updates made in other flex layers. Changes made in those layers will not be reflected, even when users switch from the integration cards to the application.

**SAP Web Analytics Plugin for the Launchpad Deprecated**

From S4HANA 2023 FPS01, the SAP Web Analytics Plug-in for the SAP Fiori Launchpad has been deprecated. So, if customers want to keep track of Launchpad apps, they would have to develop a custom plugin.

**My Home in SAP S/4HANA**

With S4HANA 2023 FPS01, you can use the My Home page as your landing page for Fiori Launchpad. However, Spaces and Pages must be enabled by system administrators in Fiori Launchpad settings. The My Home page has been divided into different sections such as To-Dos, Insight apps, Insight Cards, News, etc. Users can also personalize their entry page.

**Fiori Enhancement 2023 FPS02**

New features incorporated were:

**Deprecation of Belize Themes**

As of SAPUI5 version 1.120.2, the Belize theme family has been deprecated. SAP recommends that you switch to the **Horizon** theme family.

SAP deprecated the following theme IDs:

* sap\_belize
* sap\_belize\_plus
* sap\_belize\_hcb
* sap\_belize\_hcw

and recommends using the following Theme IDs:

* sap\_horizon
* sap\_horizon\_dark
* sap\_horizon\_hcb
* sap\_horizon\_hcw

Users can choose a theme they like in “Manager Your Settings”. However, if Administrators want to set a default theme, they can do so by setting it using the Launchpad configuration setting THEMING\_DEFAULT\_THEME

**Fiori Enhancement 2023 FPS03**

At the time of writing this book, SAP has released S4HANA FPS03. However, no documentation has been made available yet on the new features included in the FPS03.