

GENERAL DOCUMENTATION SAP FIORI® WAREHOUSE MANAGEMENT APPLICATIONS POWERED BY NEPTUNE SOFTWARE

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1. Why Neptune Software

- To any device and operating system
- Directly integrated with existing SAP processes
- No need for extra infrastructure, integration or middleware
- Reduce the need for software developers by using existing SAP partner or in-house SAP competence
- Use your existing system set up and SAP authorizations
- Developed once, deploy to all mobile platforms
- Update and/or change app with no end user involvement
- Minimal network cost and high end-user app speed with Neptune

2. Introduction

The main goal for the WM Neptune SAPUI5 application was to replace the most used old SAP standard RF transactions (LMXX).

This template solution is based on SAP standard warehouse management with handling unit management integrated to storage unit management.

With the background of implementing SAP WM for different customers the last 15 years, we see that all warehouses are different in layout and the way they operate.

With this template we see in projects that appr. 80 % can be reused for new implementations. There are always some adjustments that new customers would like to have.

The feedback from existing customers using this template:

- High satisfaction from the users with the new user experience
- User training reduced to a minimum
- Good overview of the total workload for the users
- Support different type of devices
- Fast and predictable

3. SAPUI5 information

SAPUI5 (SAP user interface) is an open source library that SAP has developed. This is integrated in the Neptune Designer.

Benefits:

- Looks the same as SAP standard SAP FIORI applications (SAP standard mobile applications)
- Very fast with app caching
- Easy and encrypted logon to SAP with pincode instead of user/password after first time login in SAP

4. Prerequisites

- For use in browser, the Windows Internet explorer needs to be on version 9 or higher. Chrome and Firefox is also fine
- Can be used on all type of mobile tablets
- Android version 4.1.x or higher

5. Neptune application management

- Neptune Application Management provides an easy to use solution to build, deploy and distribute your Neptune Applications
- Create and manage your users applications based on user authorization in SAP
- Access to each application are Masterdata setup in each client and provide the users with the right application

With this component (NAM), customers can transform web applications to hybrid apps and manage them throughout their lifecycle from application build, access, distribution, tracking and analyzing usage. NAM can run in the SAP GUI or browser.

The applications can be set up to use role-based menus or directly running a single application.

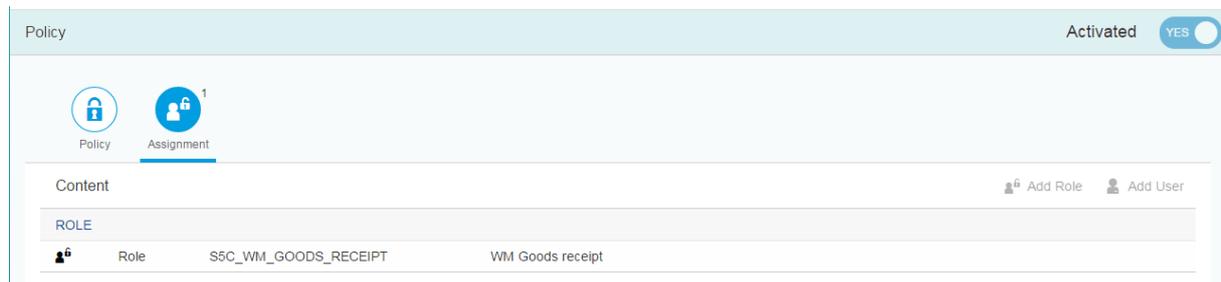
Different authentication mechanisms such as SAP Enterprise Portal and SAP Mobile Platform can be configured with a few clicks. There is also an option to set up a two-factor authentication. You can select to enable a personal PIN code instead of using a username and password, which can be troublesome on a mobile device.

If the two-factor and pin code login is selected, the user has to enter username and password upon initial login then choose a personal pin code and activate the specific device through an activation code. The code is sent through an email address associated with the user in SAP. Subsequent logins just require the pin code. This implies a highly secure yet user-friendly logon to SAP systems.

An important advantage of NAM compared to other solutions is to create policies based on roles in existing SAP systems. Customers who have already invested in SAP authorizations and roles can then reuse this. Policy is used both to provide the right menu for each user but is also a physical barrier to enter the individual application.

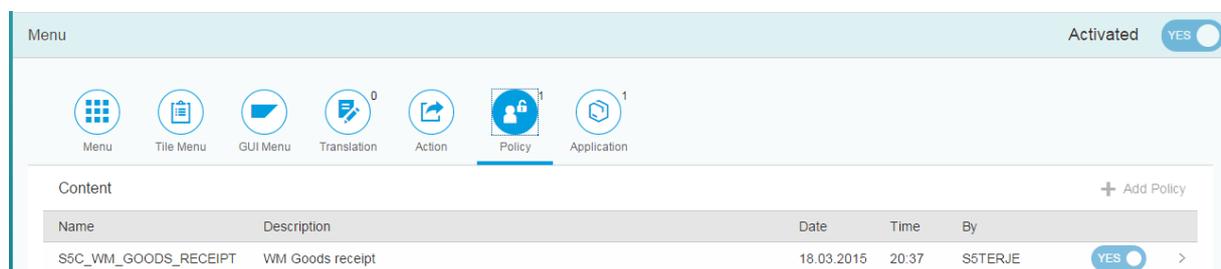
Here is an example:

- Create policy



This is a policy where we have linked it to role S5C_WM_GOODS_RECEIPT

- Assign policy to Neptune application



For the goods receipt application, this policy is assigned.

This is a menu application which include different mobile applications:

←  Neptune Application Management 

 Bundle
  Authentication
  Device
  Media
  Build ²
 Publish
  Feedback ¹
 Menu ¹¹

Content + Add Menu

Name	Description	Date	Time	By	Activated
Delivery Overview	WM Delivery Overview	19.03.2015	09:18	S5TERJE	YES <input type="radio"/> >
Goods receipt	WM Goods Receipt	19.03.2015	08:00	S5TERJE	YES <input type="radio"/> >
Internal Movement	WM Internal Movement	19.03.2015	09:19	S5TERJE	YES <input type="radio"/> >
Neptune	Neptune Software	23.03.2015	14:24	S5TERJE	YES <input type="radio"/> >
Open Transfer Orders	WM Open Transport Order	19.03.2015	09:19	S5TERJE	YES <input type="radio"/> >
Reprint Label	Reprint for WM	20.03.2015	11:17	DEMO	YES <input type="radio"/> >
S5 Consulting	S5 Consulting	24.03.2015	13:38	S5TERJE	YES <input type="radio"/> >
Stock Overview	WM Stock Overview	23.03.2015	09:39	S5MORTEN	YES <input type="radio"/> >
Stock Placement	WM Stock Placement	19.03.2015	09:15	S5TERJE	YES <input type="radio"/> >
System-guided pick/pack	WM Pick and pack	24.03.2015	09:44	S5TERJE	YES <input type="radio"/> >
System-guided picking/replenis	WM picking/replenishment	24.03.2015	09:55	S5TERJE	YES <input type="radio"/> >

Goods receipt Purchase order/label 	Stock Placement SU/Transfer order 	System-guided Pick/Replenishment 	System-guided Pick and Pack 	Create Transfer order Storage unit 	Reprint Label Handling unit 
Transfer orders List open TO 	Delivery Overview Goods issue 	Stock Overview Material/GTIN 	Stock Overview Storage unit 	Neptune Software www.neptune-software.... 	S5 Consulting www.s5consulting.no 

Based on the roles assigned to the user, the user will only see the applications assigned with roles.