SUSE Manager for Retail 4.3

Designed specifically for the retail Industry, SUSE Manager for Retail takes the best of SUSE Manager 4.3 to secure, manage, and automate your retail infrastructure.

SUSE Manager for Retail is designed to help you reduce costs, optimize operations, and ensure compliance across your retail IT infrastructure while reducing complexity and regaining control.

Built on SUSE Manager 4.3, SUSE Manager for Retail provides the security, control and monitoring you need whether you are running 10 POS systems in one store or 600 POS systems in 1600 stores.

This release of SUSE Manager for Retail focuses on improved image management for complete, centralized control and re-architecture of the Retail Branch Server to accommodate the most resource constrained environments.

Improved image management giving you centralized control

SUSE Manager for Retail 4.3 provides the ability for you to perform actions centrally on the entire portfolio or any subset cho-

sen. With this release of SUSE Manager for Retail, we use the name and version from the Kiwi config file, with each revision being increased on each build. The build files are referenced in the SUSE Manager database but are deleted with each new image entry. The final image is stored in the database as a salt minion, which is visible in the user interface.

Now sending a new image to all of your stores can be done centrally from a single console. And when all the registers in that store come online, they are registered to the SUSE Manager server letting you perform any action on them.

This gives you total control of your entire portfolio from a central location.

Future-proofing the store by rearchitecting the Retail Branch Server

Retail stores are often resource constrained. They simply do not have the
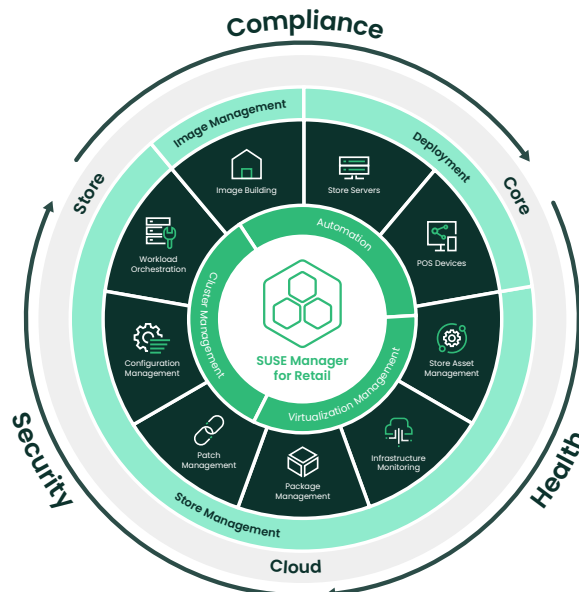
ability capacity in the store to continue add servers or even virtual machines. Delivering the retail branch server as a container provides the needed flexibility for these stores to properly secure, manage, and maintain their POS systems without worrying about the underlying infrastructure.

Containerization of the Retail Branch Server also means they can be installed on top of Kubernetes, increasing the stores future viability and flexibility.

Modernize POS environments while ensuring reliability and stability with SUSE Linux Enterprise Point-of-Service 15 SP4

Retailers that are running old POS systems and hardware are not equipped for providing omnichannel and seamless shopping experiences. These customer experiences require POS applications with new capabilities and customer services. They need to deploy store applications that run on secure, reliable and stable platforms to guarantee their environment POS is always up. They also need to retire legacy systems as part of digital transformation. They have to think about new store concepts that provide convenience and exceptional experiences to the customers. Retailers introduce the latest POS hardware such as terminals, self-checkout devices, kiosks, or digital signage in order to transform their store concept and to provide exceptional customer experiences.

With SLES 15 SP4 based POS images,

Retailers can deploy the newest POS systems and leverage the latest POS hardware that enables them to create a seamless omnichannel experience to their customers.

Enhanced POS environment support with the addition of ARM based POS devices

With SUSE Manager for Retail 4.3, we provide predefined configuration templates to help build POS images based on SLES 15 SP4 for ARM.

We are expecting a prevalence of IoT devices in a store environment in the coming years. Customers will be able to build SLEPOS images for these devices with predefined templates for ARM that can be distributed to the stores and managed with SUSE Manager for Retail.

Advanced offline operation using SUSE Manager Hub

With SUSE Manager for Retail 4.1 we introduced the "Hub", a multi-server architecture that allows customers scale to hundreds of thousands of devices. With improvements to the Hub and deployed in a retail environment, we now can offer advanced scalabiity up to 1M devices.

SUSE Manager for Retail 4.3 continues to offer offline operations in the stores, even when connectivity to the central server is lost. For example, offline patch management allows patch runs even when there's very limited or no connection between the central server and the store during that time.

Branch server offline deployment

When retailers open new stores, their store infrastructure may be deployed before a network is available at the location. If no Internet connection to the Administration Server is available, the Branch server, used in the SUSE Manager for Retail architecture, can be deployed offline.

Streamline customized image creation guide

Every retailer is different and has unique needs about what configuration go on those POS images that go out to their various POS devices. These customizations range from company branding, auto-login of users, auto-starting of POS applications to POS system lockdown and hardening settings. This guide will help retailers customize their POS images according to their needs.

For more information

https://www.suse. com/products/suse-manager/

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