



SLICE

Smarter, Faster WMS Customization



Overview

Slice is Softeon's modular framework for WMS configuration and customization. It breaks complex warehouse processes into small, reusable components, like building blocks, that can be easily assembled, modified, or replaced. Each component represents a specific business action, allowing teams to compose or extend functionality one piece at a time, safely and efficiently.

Unlike traditional extension tools focused on UI or integration layers, Slice permeates the entire WMS stack, from user interfaces to orchestration logic to the low-level execution behaviors that drive picking, validation, putaway, replenishment, and more. This gives teams the ability to adapt core warehouse logic without ever modifying the core WMS.



How It Helps

Slice changes the traditional model of WMS adaptation, making it easier, safer, and faster to innovate.

Slice is:



Deeply embedded:

Extend everything from RF screens to the underlying decision and validation logic powering warehouse execution.



Stable and consistent:

Keep the core WMS intact while extending capabilities.



Automation-ready:

Supports automated testing and profiling for standard and custom components.



Isolated and reversible:

Modify or override a single component without affecting the rest of the system.



Rapidly deployed:

Layer new features or updates with minimal disruption.



Designed for reusable logic:

Build from a growing library of pre-tested components.

Result: Faster awareness, better coordination, and fewer blind spots across operations.

Real-World Impact

A fulfillment client integrated new dimensioning equipment in just one day using Slice. Later, they added new data capture logic by updating a single component—no changes to core code or execution logic required.

Total time: Under one day.

Built for the Future

Slice powers all layers of Softeon's latest WMS, enabling faster customization not just at the UI level but across RF, orchestration logic, and deep operational workflows.



Core RF (Radio Frequency):

The foundation of warehouse execution, used for scanning, picking, receiving, and inventory tasks across handheld devices. Slice extends RF capabilities by allowing process changes and enhancements without altering the underlying WMS code.



Composable UI:

Softeon's modern, adaptable web-based interface that lets users tailor screens and workflows through low-code configuration. Slice integrates directly with Composable UI, making it simple to add, adjust, or extend functionality across user interfaces and devices with speed and consistency.



Execution Logic Layer:

The rules and validations that drive WMS behavior during picking, packing, receiving, put away, and exceptions. Slice enables modification of this logic through modular components, giving teams fine-grained control without risking core-system stability.

Discover What's Next

Slice is part of Softeon's WMS Enablement Tools, empowering faster fulfillment innovation through modular design, low-code integration, and flexible orchestration.

Groovy Script

Lightweight scripting for fast, targeted logic changes without touching core code.



Component

Reusable functional building blocks that extend or override WMS behavior in a controlled way.

Slice (Enablement Layer)

A modular extension layer that allows warehouses to customize processes while staying upgrade-safe.