

# Emerald Global XLR Overview

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# Agenda

Principles of Next Gen UI

Configuration Tool Overview

Demo Key Use Case

# Key Principles of Next Generation UI



## User Centered Design

Built around the user with extensive research and real-world feedback



## Refreshed UI

Clean, modern design that uses best-in-class design that intuitively makes sense



## Better Experience

The usability looks and feels effortless to the user and is accessible for different users' needs



## Responsive Display

User interface fluidly responds to changes in screen resolution across devices



## Streamlined Customization

UI Editor allows for flexible configuration across touchpoint types

# Scalability with Next Gen UI

Responsive display responds to user's behavior and environment based on screen size, platform and orientation across devices



4 x 3 on the XR7+

16 x 9 on the CX7

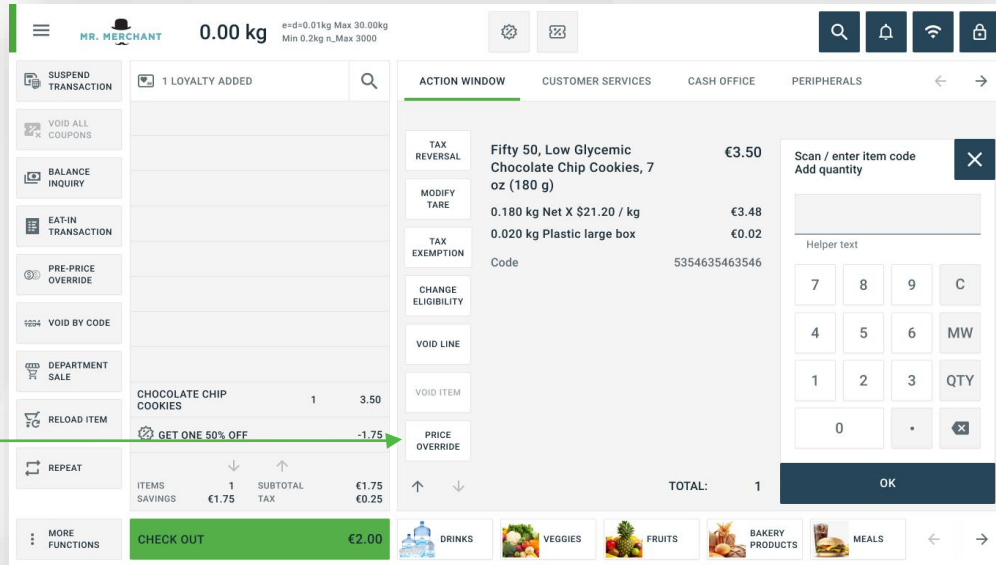
16 x 9 on tablets

# Next Gen UI

A series of seven parallel green diagonal lines extending from the right side of the text 'Next Gen UI' towards the right edge of the slide.

# Next Gen Experience Built for Grocery

**Context-specific menu** make it easier than ever to perform actions like Price Override and Suspend Transaction



**Search, Notifications, Connectivity Status, and Lock POS** buttons have been moved to the top to **make them easily accessible**

The **Keypad** can be **collapsed** to free up more space on the screen

# Item Search

Item Search Apples

Item Name	Item Code	Price
Gala Apples: Smithfield Farms & Associates	98576865	€2.59 / kg
Red Delicious Apples	84750395	€3.00 / kg
Honeycrip Apples	83958272	€1.00 / EA
Granny Smith Apples	45627827	€0.89 / kg
Fuji Apples	84750395	€2.59 / kg

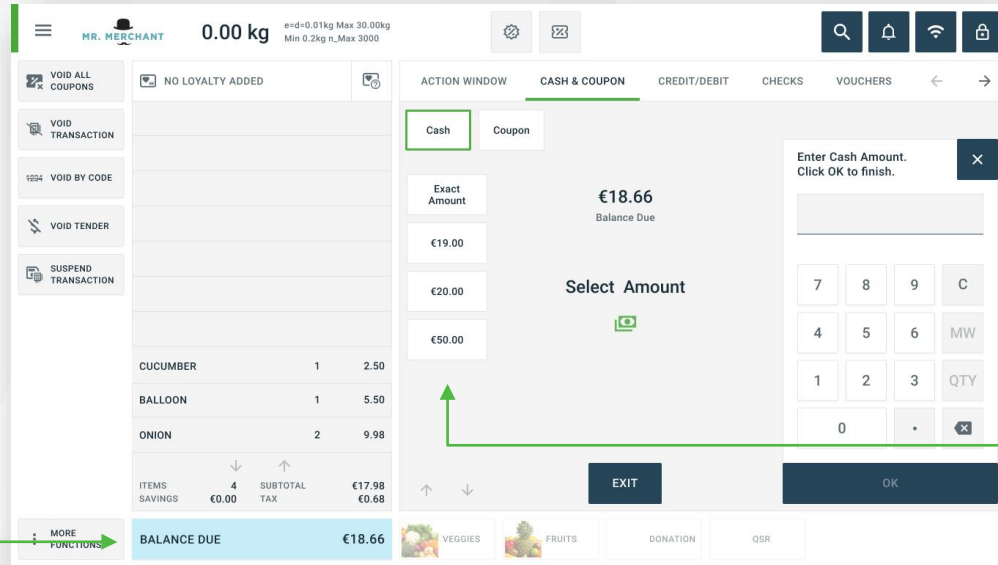
↑ 1 OF 3 ↓ QTY:  1

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A	S	D	F	G	H	J	K	L		4	5	6	MW
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**Smart Search** begins the item search as the user starts to type the item's name/code making it **quicker and easier to search for items**

# Checkout

Improved usability with reduced keystrokes to increase speed of checkout



Easily navigate through tender options

Tender menus are customizable to show/hide various options, such as suggested amount



# Configuration Tool



# Use Cases

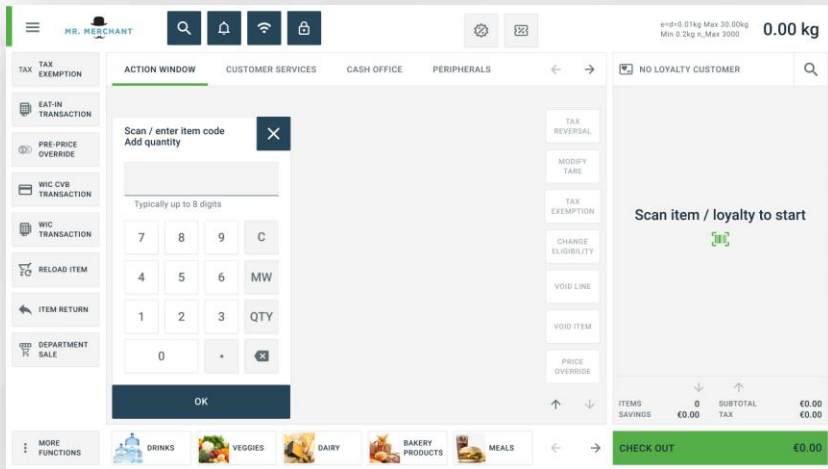
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- Component positioning and sizing
- Component show/hide – allowing different functionality
- Per lane/associate configuration
- Overall theme customization
- Managing images and other assets

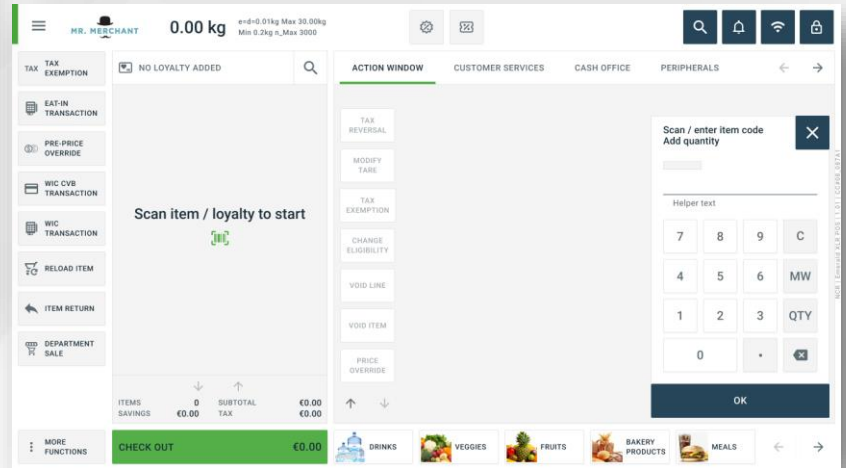
# Cashier Preferences

## Left/Right Hand Mode

- These preferences can be saved on a per cashier/per lane basis



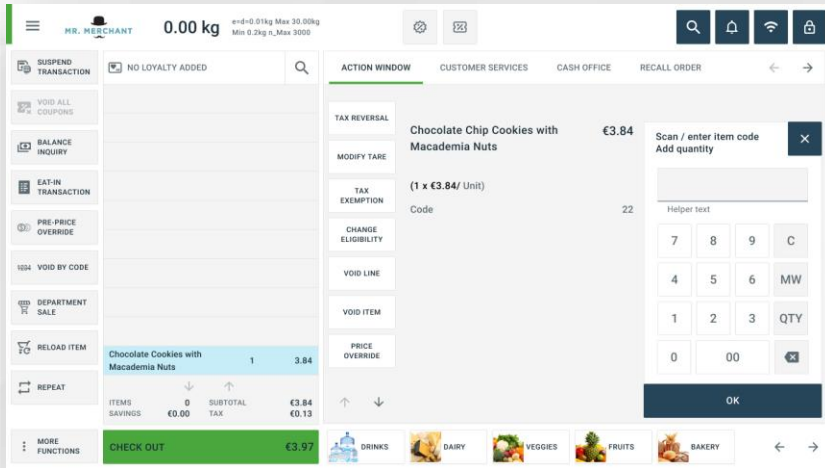
- Other components would auto-adjust



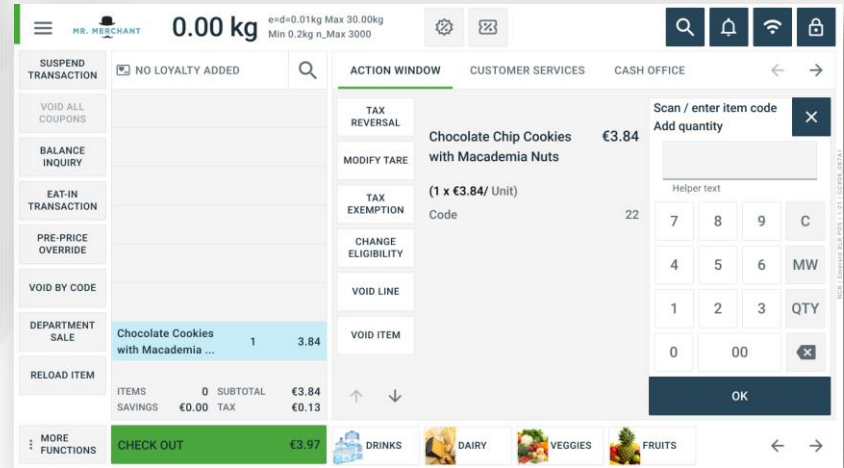
# Cashier Preferences

## Text/Button Size

- Cashier can choose between Standard and Large button and text size



- Accessible for cashiers with low-vision and/or mobility issues



# Capabilities and How it works

## Centralized Configuration Management

### 1. **Extended Touchpoint Customization**

- Functionality and feature flag toggles
- User preferences for show/hide items
- Configuration settings panel
- Remembering user's last **display settings**

### 2. **Lane and user stored configuration service**

### 3. **Selling screen component editor**

## Realtime Configuration Updates

- Through **the admin configuration UI**
- **Saving cashier** updates from **POS**

# THANK YOU



# Technology Overview

## Tech Stack

- React
- React hooks/Redux
- Typescript
- Material UI
- C# - Async peripheral service
- Cypress – Automation testing

## Deployment Options

- Store Server
  - Integrates with **Emerald Edge & SDS**
- Touchpoint
  - Bundle POS code in touchpoint executable
  - Host POS code and service runtime in store level server

## Operating Systems

- Linux
- Windows


# Focus on Cashier Experience

## Marilyn, Senior Cashier

- Expert user
- Desires to be quick and efficient
- Needs flexibility and accessibility
- Divides attention between customer and POS
- Repetitive work
- Multi stimulus environment
- Receives brief training
- Physically strenuous

NAME  
**Marilyn, Senior Cashier (Mid-Tier FDMM)**

TYPE  
**Idealist**



**Quote**  
New appointment would be a blessing

**Lifestyle**  
Conservative  
Raising family alone  
Single Mom  
Casual user of Tech  
Moderate Facebook user  
Strong ties to the community

**Demographic**  
Female 41 years  
Tyler, Texas  
Single  
Senior Cashier  
\$48,000 annually  
High school education

**Emotional Goals**  
Be quick at her job  
Minimizing work fatigue  
Communicate frequently with customers  
More empowerment at work  
Greater awareness of store activities  
Supporting her kids activities  
Would really like to get out of debt  
Doing the best I can

**Usage Goals**  
Stability of company  
Value of role  
Sense of worth  
Flexible schedule  
Expert user  
Multi-stimulus environment  
Proactive  
Dividing a horizon between  
POS/Customer  
Repetitive work  
Brief training

**Motivations**  
Happy customers  
Respected mentor for trainees  
Promotion opportunities  
Input into the organization  
Time with family

**Technology**  
Icons for various devices and operating systems: smartphone, tablet, laptop, desktop, Android, iOS, Windows, Linux.

**Browsers**  
Icons for Google Chrome and Microsoft Edge.

**Frustrations**  
Team NOT sharing the workload  
Cash is not being balanced  
Thrift is cheating at work  
Money is a struggle