

LIGHTWEIGHT AUTONOMOUS SHOPPING SOLUTION FOR RETAILERS TO:



Provide for social distancing by eliminating the need for person-to-person checkout interaction and ability to track and report on social distance compliance



Allow customers to shop as normal and checkout by simply walking out of the store



Maximize in-store man hours and increase ROI



Quickly implement low cost & low contact frictionless experiences



Ability to integrate AWM Facial Wallet to power purchases by face or voice recognition

1 SESSION START

Shopping sessions can start in a variety of ways depending on retailer's preference. In a standard set up, customers initiate a transaction at an entry gate using a personal QR code from an app. Facial recognition can also be used for identification. Other setups can be configured without an entry gate or even without an app.

2 PERSON DETECTED

Upon entering the store, strategically placed cameras capture the scene. Deep learning models running on local servers to detect humans in these video feeds.

3 ANONYMOUS TRACKING

When a shopping session is started, customers are assigned a random ID. A central server uses this to track each shopper throughout the store as they pass from camera to camera.



4 SOCIAL DISTANCE COMPLIANCE

As customers shop around the store, social distancing protocols are tracked and reported. This ensures each store maintains compliance with social distancing guidelines. When shoppers are not in compliance, an alert will appear on their device in real-time to distance from other shoppers. Individuals shopping under the same session ID will be excluded from these alerts.

5 PRODUCT TAKES & PUTS

Using deep learning models trained on product & positioning data from our Product Mapper software, the system determines when customers interact with products & whether to add or subtract that item from their cart.

6 CHECK OUT

Upon leaving the store (or designated Frictionless area) customers are charged via their digital wallet, receiving a receipt via email or text. In other configurations, a POS kiosk may auto-populate the customer's cart for check-out, allowing use of conventional payment methods such as cash, credit, etc.



FOR A QUICK VIDEO OF AWM FRICTIONLESS™
 **CLICK HERE**

Email: sales@smartshef.com

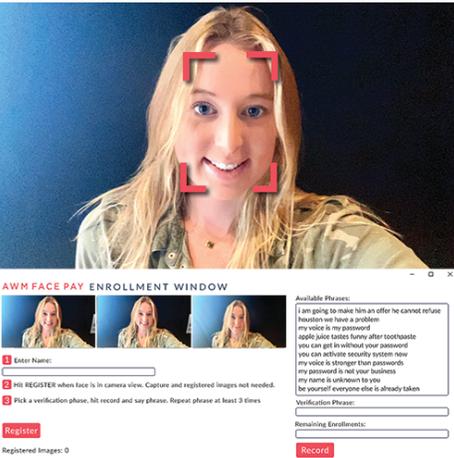
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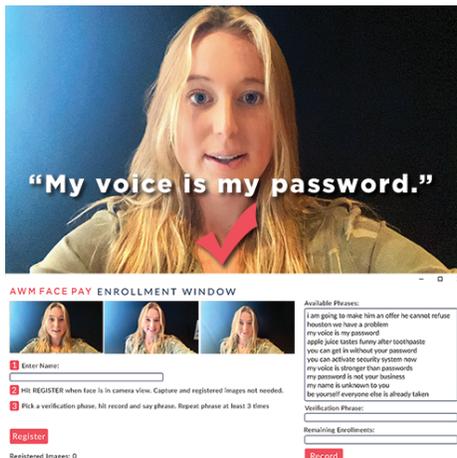
1. ENROLL

Simply allow cameras to capture a scan of the face.



2. VERIFICATION PHRASE

For voice authentication, speak verification phrase and wait for notification that voice was registered successfully.
*System can distinguish successfully between twins.



3. SHOP

Once registered, ability to shop device free in AWM Frictionless™ stores integrated with AWM Facial Wallet.



ABILITY TO RETROFIT AN EXISTING SPACE OR INTEGRATE INTO NEW BUILD.

ANY STORE. ANY FORMAT. ANYWHERE.

MICROMARKETS



CONVENIENCE STORES



SUPERMARKETS

