# FastLane Mobile Shopper

End-to-end mobile shopping solution

## Put the power in the hands of your consumer to shop, scan, pay and go

In the modern retail landscape, consumers expect speed, convenience and reliability. NCR's comprehensive Mobile Shopper solution offers all three, while helping you increase your sales and freeing up your staff to provide the level of service your customers need. Our offer includes state-of-the art -personal shopper devices, wireless infrastructure components, and mobile shop-and-scan software that integrates to your POS and Loyalty applications. NCR's FastLane Mobile Shopper software can be used on both the dedicated personal shopping devices and your customer's personal smartphone. Our personal shopper devices are available in Base and Plus models, with add-on features available to make the solution a perfect fit for your business needs.

NCR's professional services team is available to help you get the most from your investment and make sure the implementation is right for you. Our top-tier technical services are always there to provide you with support. At NCR, we understand that you must innovate today to keep up with the customer of tomorrow. We've designed FastLane Mobile Shopper to not only streamline and modernize your store's operation, but also to increase your customer's satisfaction and keep them coming back.

**Reduce wait times and optimize your staff**

- Increase store capacity at peak shopping times
- Make long lines a thing of the past
- Reduce the need for inefficient checkout lanes, allowing you to redeploy your onsite staff
- Built-in trust algorithm audits suspicious activity and prevents shrinkage

**Deliver promotions and loyalty rewards in real-time**

- Provide a differentiated customer experience: your customer receives personalized offers and targeted promotions as they shop
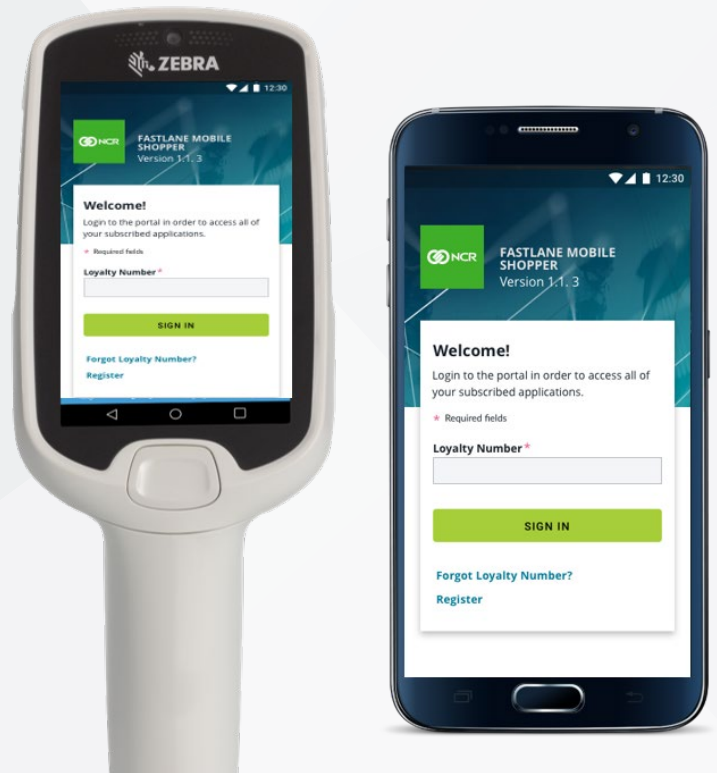- Ties in with loyalty accounts, purchase history, and current store discounts

**Increase customer loyalty and return rate**

- Shoppers track their spending and see their loyalty discounts as they shop
- Basket size is maximized, and shoppers leave with their expectations exceeded
- Seamless interface and quick check-out times proven to boost customer retention rate

**Offer mobile payments for all products and shopping trips**

- Items like produce and meats can now be identified, scanned and weighed with our integration to Digi SM-6000
- Cart total is payable at a convenient and secure Mobile* "tap-out" station

*POS dependent

## Key Features

- Supports consumer iOS and Android-based mobile phones and Android-based personal shopping devices
- White label app or SDK available
- Intuitive personal shopping application
- Integration with POS and loyalty applications to deliver real-time offers
- Features shopping list, item location, store map, detailed product information, and price verification
- Payment capability on mobile phone, on the personal shopping device, at self-checkout, and at an assisted lane

## Key Hardware Features

- Ruggedized personal shopping device with "drop and tumble" tested design and Corning® Gorilla® Glass 3" display
- Ergonomic design with easy to read touch screen
- Omni-directional scanning capability and support for 1D, 2D, and mobile barcodes
- Fast wireless connectivity
- High capacity battery design
- Variety of charging cradles

## Personal Shopping Device Technical Specifications

### Physical Characteristics

- Display: 4.0 inch capacitive; WVGA; color.
- Corning Gorilla Glass touch panel with air gap
- Buttons: 1 dedicated scan button
- Interface: USB 2.0 client cable for device maintenance Weight: 290g/ 10.22 oz

### Performance Characteristics

- Processor Qualcomm Snapdragon™ 660 octa-core, 2.2 GHz
- Operating System: Android 8.1 Oreo
- Memory: 4GB RAM/16GB Flash (Base and Plus configurations)

### Data Capture

- Scanning:
- Base model: SE2100 1D/2D imager
- Plus model: SE4710 1D/2D imager + Digimarc support
- Light Source:
- Base model: White LED Illumination
- Plus model: Red LED Illumination with LED dot aim pattern
- Camera–Front Facing: 5MP fixed focus (Plus model only)

### Wireless Networking

- OWLAN: IEEE 802.11 a/b/g/n/ac/d/h/i/r/k/v3/w; Wi-Fi™ certified; IPv4, IPv6, 2x2 MU-MIMO
- Security and Encryption: WEP (40 or 104 bit); WPA/WPA2 Personal (TKIP and AES); WPA/WPA2 Enterprise (TKIP and AES)—EAP-TTLS (PAP, MSCHAP, MSCHAPv2), EAP-TLS, PEAPv0-MSCHAPv2, PEAPv1-EAP-GTC and LEAP. EAP-PWD
- Certifications: WFA (802.11n, WMM-PS, 801.11ac, PMF)
- Fast Roam: PMKID caching; Cisco CCKM; 802.11r; OKC
- WPAN: Class 2, Bluetooth v5.0, Bluetooth Low Energy (BLE)

### Environmental Conditions:

- Operating Temp. 14° F to 122° F/-10° C to 50° C
- Storage Temp. -4° F to 158° F/-20° C to 70° C
- Drop Specification: Multiple 4 ft./1.2 m drops to concrete over the entire operating temperature range
- Tumble Specification: 1,000 1.64 ft./0.5 m tumbles at room temperature

## Why NCR?

NCR Corporation (NYSE: NCR) is a leading software and services-led enterprise provider in the financial, retail, hospitality, small business and telecom and technology industries. We run key aspects of our clients' business so they can focus on what they do best.

NCR is headquartered in Atlanta, GA with 34,000 employees and solutions in 141 countries. NCR is a trademark of NCR Corporation in the United States and other countries.