Workstation Connect

Turn Zebra mobile computers into mobile-driven workstations and Point-of-Sale (POS) stations
Agenda

- Challenge and Solution
- Create a Workstation
- Create a POS
- Key Features
- Use Cases
Challenge and Solution
Do workers with Zebra mobile devices also use…

**Desktops**
…for heavy data-driven tasks and information-dense apps that are easier to see and work with on a larger display?

**Point of Sale (POS) stations**
…to ring up customer purchases, even though your customers want more flexible and more convenient checkout options?
The high cost of separate standalone workstations and POS stations

**Increased costs**
- The need to purchase separate workstations
- IT time spent managing and supporting separate workstations
- Application development for two platforms: mobile and desktop

**Inefficient processes**
- Workers need to jump between devices to do their jobs

**Potential lost sales**
- Customers want fast checkouts — long POS lines can result in abandoned carts
- Negative impact on customer experience

**Lack of flexibility**
- Inability to easily add more POS stations during peak periods
- Inability to easily create alternative checkout options — such as self check-out
What if your Zebra mobile devices could do it all?

With Zebra Workstation Connect ...they can.
Workstation Connect Solution Architecture

1. Zebra host rugged mobile computer or tablet

Choose the right device for the job: Zebra’s latest mobile computers and rugged ET4X tablet support Workstation Connect, allowing you to select the right form factor, the right level of ruggedness, the right features and the right wireless connections for different users and departments — as well as create workstations and POS stations with the devices you already own.

2. Connect Cradles and Connect Hubs

Connect Cradles for Workstations: Connect Cradles provide all the connections required to turn Zebra rugged mobile computers and tablets into fully-featured workstations, including HDMI to support a high-resolution external monitor; Ethernet for wired network connectivity; 3.5 mm jack for wired headsets to support voice app and four (4) USB-A ports to connect a keyboard, mouse, printer, scanner and more.

Connect Cradles for POS/Connect Hubs for POS: Connect Cradles for POS and Connect Hubs for POS provide nearly the same connections as Connect Cradles for Workstations, with three (3) USB-A ports, plus the PoweredUSB ports required for POS peripherals: one (1) 24V PoweredUSB port for a receipt printer and two (2) 12V PoweredUSB ports for a payment terminal and scanner. Connect Cradles for POS are available for Zebra handheld touch mobile computers; Connect Hub for POS connects to the ET4X rugged tablet presentation stand, creating a sleek and versatile POS.

3. Workstation Connect software

Advanced software delivers advanced features: Enables workers to simply dock their Zebra rugged mobile computers and tablets in a Connect Cradle or Connect Hub to create fully-featured workstations and POS stations.

4. USB Host Manager software

Prevent the connection of unauthorized devices: The USB Host Manager software polices the peripherals that are attached to a Connect Cradle or Connect Hub, ensuring that only approved peripherals are connected. Simply create a list of permitted peripherals through a variety of identifying information — such as manufacturer, model and serial number. Unauthorized devices will not be permitted to connect.
Mobile-Driven Workstations

Reduce costs
Save energy
Streamline processes
Create an **on-demand** mobile-driven workstation

Just drop a compatible Zebra **mobile computer** or **tablet** into a Workstation Connect Cradle to:

Get simultaneous dual functionality that delivers outstanding value

- Instantly create a mobile-driven workstation to access all the apps on the Zebra mobile device and more on a large screen with a desktop-style interface
- Continue to use all the apps on the Zebra mobile device while cradled
- Work on different applications on the mobile device and desktop simultaneously

![How It Works Diagram]

**How It Works**

- Zebra compatible mobile computer or tablet
- Workstation Connect Cradle
- HDMI Monitor
- Keyboard
- 3.5mm Headset
- Mouse

ZEBRA TECHNOLOGIES
Benefits of a mobile-driven workstation

**Optimize operations with simplified workflows**
Now one device does it all — workers no longer need to switch devices for different types of tasks

**Cut energy use by more than 50%**
A Workstation Connect mobile-driven workstation uses less than half the energy as a desktop computer

**Simplified infrastructure**
Eliminate the need to purchase and manage desktop computers

**Increase Zebra device ROI**
Do more with the devices you already have

* Based on internal testing
Workstation Connect Cradle

Versatile revolutionary Connect Cradles provide all the connections required to turn compatible Zebra rugged mobile computers and tablets into comprehensive workstations.

- **HDMI** to support a high-resolution external monitor
- **Ethernet** for wired network connectivity
- **3.5 mm jack (model dependent)** for wired headsets to support voice apps
- **Four (4) USB-A ports** to connect a keyboard, mouse, printer, scanner and more
- **Cable management** for easy installation of peripherals in an organized way
- **Optional cable cover** secures connections and prevents unauthorized access to open ports
Workstation Connect for POS

Faster checkout
More checkout options
A better customer experience
Create an **on-demand** mobile-driven POS

Just drop a compatible Zebra **mobile computer** into a Connect Cradle for POS or a Zebra **tablet** into a Connect Hub for POS:

- Instantly create an on-demand complete POS anywhere in your store
- Simply lift the Zebra mobile device from the cradle or presentation stand to continue using as a standalone mobile device for assisted selling, inventory lookup, price management and more
- Enjoy dual functionality for outstanding value

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**How It Works**

- **Zebra mobile computer in a Connect Cradle for POS**
- **Zebra tablet in its presentation stand with Connect Hub**

**Scanner**

**Payment Terminal**

**Receipt Printer**

**Keyboard**

**HDMI Monitor**

**Mouse**

**3.5mm Headset**
Benefits of Workstation Connect for POS

Optimize operations with simplified workflows
Now one device does it all — associates can use the same Zebra device for virtually every task.

POS flexibility
Create any type of POS wherever and whenever you need it — fixed or hybrid.

Augmenting in-store engagement
Personalize the in-store experience and customer interactions — hybrid point of sale gives your shoppers the checkout speed and flexibility they want; kiosks allow customers to get information instantly, without the need to locate an associate.

Increase Zebra device ROI
Do more with the devices you already have.

Reduce costs
Eliminate the need to purchase and manage separate desktop computers.
POS Connect Cradle or Connect Hub

Get all the connections required to turn compatible Zebra rugged mobile computers and tablets into comprehensive and flexible POS stations.

**One (1) 24V Powered USB port**
- to support a receipt printer

**Two (2) 12V Powered USB ports**
- to support a payment terminal and scanner

**HDMI**
- to support a high-resolution external monitor

**Ethernet**
- for wired network connectivity

**3.5 mm jack (model dependent)**
- for wired headsets to support voice apps

**Three (3) USB-A ports**
- to connect a keyboard, mouse, printer, scanner and more

**Cable management**
- for easy installation of peripherals in an organized way

**Optional cable cover**
- secures connections and prevents unauthorized access to open ports
Zebra ET40-ET45 Presentation Stand

Easily turn the ET40/ET45 10-inch rugged tablets into a POS or kiosk with the Presentation Stand and Connect Hub

- **Telescoping stand** can be adjusted to the perfect height to fit multiple types of set-ups and store furniture
- **Screen tilts** for optimal viewing angle
- **Base rotates** — orientation sensor automatically switches the app display for associate or customer
- **Tablet locks** — a digital or physical key to unlock increases security
Key Features
Advanced enterprise-class features

Built for the enterprise from the ground up

- **Intuitive desktop user interface**
  Shortcuts, taskbars, resizable windows, open multiple apps in multiple windows and more

- **Flexible display support**
  Choose standard or touch displays

- **Dual-mode support**
  Supports desktop and mirror modes to support the maximum number of use cases

- **Powerful administrative control over the desktop environment**
  Control what workers can see and access

- **Optional cable cover**
  Prevents the connection of unauthorized peripherals

- **Support for different data entry modes**
  Keyboard and mouse, touch, or both

- **Support for a wide range of apps**
  Native Android, web-based, Virtual Desktop Infrastructure (VDI) and more

- **Complete control over allowable peripherals**
  The USB Host Manager app makes it easy to prevent the connection of unauthorized devices, increasing security

- **Flexible audio capabilities**
  Connect a speaker through a USB port or the 3.5 mm headset jack (optional)

- **Built-in support for Zebra’s latest devices and future mobile computing platforms**
  Confidently deploy a solution that you can count on today and tomorrow.
USB Host Manager

Ensure only authorized devices are connected

The USB Host Manager displays all of the USB peripherals connected to the device through a USB host-mode connection.

Using this application, the Administrator can manage (create, delete and modify) the rules that control the usage of USB peripherals.

These rules can be applied to other devices by exporting a configuration file and applying the file to each device.
Workstation Connect: Desktop user features

- Application launch shortcuts on home screen
- Applications on multiple re-sizeable windows
- Home screen contextual menu including options to create shortcuts, set wallpaper and suspend/lock device
- Taskbar for access to applications and navigation buttons
- Running applications on mobile device screen and external monitor taskbar icons, switch between applications and between screens
- Screen Capture of desktop home screen
- Adjust volume and select audio output output path
- Support for commonly used keyboard and mouse shortcuts on applications
- System and applications notifications on home screen notification panel
- Status and quick settings on taskbar
Workstation Connect: Desktop Admin features

- Customization of home screen UI elements including wallpaper, application shortcuts, contextual menu, notification panel and taskbar
- Configuration of default screen resolution, density and orientation
- Configuration of permissions for the applications end user can launch, create shortcuts, move to desktop home screen, move to mobile device screen, receive notifications or present icon on taskbar
- Default behavior of apps on mobile device screen and desktop on dock/undock events and configuration of application icons visibility on taskbar
- Configuration of screen capture permissions
- Configuration of soft input panel
- Deploy Workstation Connect configurations via Zebra DNA Cloud or any other EMM
- System configurations include external keyboard, USB scanner, screen sharing and remote control
- Configure the status icons presented on the taskbar

Deploy Workstation Connect configurations via Zebra DNA Cloud or any other EMM
Use Cases
Where can you put Workstation Connect to work?

**Retail**
- Food/grocery/drug stores
- Superstores/warehouse clubs
- Mass merchants
- Department/specialty stores

**Associates**
- Assisted selling
- Returns processing
- Point of sale
- Training

**Store Manager**
- Work schedules
- Communications — email and voice
- Monitor sales (POS)
- Report/presentation preparation

**Customer**
- Kiosk mode for self-service

**Hospitality**
- Hotels
- Car rental agencies

**Concierge**
- Guest assistance
- Check-in/checkout
- Point of sale
- Training

**Manager**
- Work schedules
- Business communications — email and voice

**Customer**
- Kiosk mode for self-service

**Healthcare**
- Hospitals
- Clinics

**Nurses**
- EHR access and update
- Admission and discharge forms
- Scan barcodes for task accuracy and tracking
- Work schedules
- Training

**Patient**
- Kiosk mode for check-in

**Public Safety**
- State and local law enforcement

**Police officers (in-vehicle)**
- Computer Aided Dispatch (CAD)
- Records Management System (RMS)
- Information systems (local and national)
- Law-enforcement applications

**Warehouse**
- Warehouses
- Distribution centers

**Warehouse floor worker**
- Printing: paper barcode, RFID and shipping labels; bills of lading
- Data entry
- Training

**Warehouse manager**
- Work schedules
- Communications — email and voice
- Monitor sales (POS)
- Report/presentation preparation
Use Case: Retail Associate

Store associates use FIVE different systems with different operating systems at different locations to get the job done…

...but ONE Zebra mobile device with Workstation Connect does it all.

1. **Mobile device**
   - Take inventory, restock shelves, putaway incoming shipments, price markdowns/markups, pick online orders, assist customers in aisle and more

2. **Desktop computer**
   - Assist customers with tasks best suited for a large display – assisted selling, product information and comparisons, complex in-store orders, employee training and more

3. **Point-of-Sale**
   - Process payments for purchases and returns

4. **PBX handset**
   - Call other store locations to check stock, call managers, call and receive calls from customers and more

5. **PTT communicator**
   - Instant communications with co-workers and managers for tasks that require immediate attention

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ZEBRA TECHNOLOGIES
Use Case: Retail Manager

Store managers use FIVE different systems with different operating systems at different locations to get the job done…

…but ONE Zebra mobile device with Workstation Connect does it all.

1. Mobile device
   - Assist customers and associates on the sales floor, task management for associates

2. Desktop computer
   - Access store/corporate systems on a large display: manage inventory, place orders, schedule employees, manage sales promotions, adjust prices, perform sales analysis, create performance reports and more

3. Point-of-Sale
   - Assist with POS-related transaction and technical issues; perform overrides

4. PBX handset
   - Communications with other store locations/corporate office

5. PTT communicator
   - Instant communications with associates; storewide or departmental staff communications

ZEBRA TECHNOLOGIES
Use Case: Healthcare

Nurses use FOUR different systems with different operating systems at different locations to get the job done...

...but ONE Zebra mobile device with Workstation Connect does it all.

1. **Mobile device**
   - Perform activities at patient bedside — access EHR; scan wristbands for identity verification; scan specimen labels for tracking; capture images of wounds/incisions

2. **Desktop computer**
   - Access systems to complete data entry/administrative tasks, update patient EHRs, complete admissions/discharge forms and more

3. **PBX handset**
   - Collaborate with physicians, surgeons, specialists, lab technicians, patient family members and more

4. **PTT communicator**
   - Instantly reach other caregivers, security personnel, environmental services and more for time-sensitive issues

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ZEBRA TECHNOLOGIES
Use Case: Public Safety

Public safety officers need to access different information systems INSIDE and OUTSIDE the vehicle...

...but ONE Zebra mobile device with Workstation Connect does it all.

1. Mobile device (outside of the vehicle)
   - Scan driver’s licenses; scan/capture images of vehicle registration; capture photos of license plates, vehicles and vehicle damage at accident sites

2. In-vehicle workstation
   - Complete online forms to issue tickets; document incidents; access databases such as the Department of Motor Vehicles (DMV); county/state/national criminal history; wants/warrants; probation records; call responses.

A single mobile device with a Workstation Connect in-vehicle cradle condenses two systems in one; Officers simply lift the mobile computer from the cradle to take the mobile-driven workstation out of the car, providing seamless access at all times.

* In-vehicle compatible cradle for Workstation Connect coming in 2023 (3rd party validation)
Use Case: Warehouse

Workers in warehouses use FOUR different systems with different operating systems at different locations to get the job done...

...but ONE Zebra mobile device with Workstation Connect does it all.

1. **Mobile device**
   - Accessing and completing work orders for put-away, picking, packing, shipping and receiving.

2. **Desktop computer**
   - Print paper barcode or RFID labels; print shipping labels and bills of lading

3. **PBX handset**
   - Warehouse floor workers collaborate with co-workers and managers; managers can communicate team members and other managers, plus corporate management

4. **PTT communicator**
   - Warehouse floor workers can instantly reach co-workers and managers for time-sensitive issues; managers can reach one or more specific team members or the entire team, instantly
Use Case: Hospitality

Zebra Workstation Connect

Associates in hotels use FIVE different systems with different operating systems at different locations to get the job done...

1. **Mobile device**
   - Assist guests on the spot throughout the hotel and hotel grounds.

2. **Desktop computer**
   - Improve concierge services and the guest experience with a large screen to show guests area restaurants and other local activities that are available. Managers can better manage work schedules, email and voice communications.

3. **Point-of-Sale**
   - Ring up guest purchases anywhere in the hotel.

4. **PBX handset**
   - Communications with co-workers, managers, guests and corporate headquarters.

5. **PTT communicator**
   - Instant communications between co-workers and co-workers and their managers, departmental or all staff communications.

…but ONE Zebra mobile device with Workstation Connect does it all.
Thank You!

For more information, please visit www.zebra.com/workstationconnect

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