



# Zebra® Link-OS™ Version 1.0



SEE MORE. DO MORE.



Link-OS is Zebra's new and innovative software ecosystem that enhances the capabilities of Zebra Link-OS devices, making them significantly easier to manage and integrate into global operations. Link-OS allows users to spend less time on device deployment, administration and troubleshooting.

Demand is growing for devices that are mobile, intelligent and connected to the Cloud.

This emerging environment calls for new technologies and solutions. In response, Zebra has created Link-OS, an open platform that pairs smart Zebra devices with powerful software apps.

Link-OS is a new ecosystem – a new device operating system, an advanced software development kit (SDK) and powerful new applications.



**Link-OS Version 1.0  
is available with the  
following Zebra devices:**

- QLn 420 mobile printer (Print Touch, AirWatch® Connector, Print Station, Cloud Connect, SDK)
- QLn 220 mobile printer (AirWatch Connector, Print Station, Cloud Connect, SDK)
- QLn 320 mobile printer (AirWatch Connector, Print Station, Cloud Connect, SDK)
- iMZ220 and iMZ320 mobile printers (Print Touch, AirWatch Connector, Print Station, Cloud Connect, SDK)
- ZT200 Series printers (AirWatch Connector, Print Station, Cloud Connect, SDK)

# GET MORE DONE, IN LESS TIME

## LINK-OS: THE ENVIRONMENT IS CHANGING & WE'RE INNOVATING

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### Use the multiplatform Software Development Kit to create custom apps

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The new Link-OS Software Development Kit provides app creators with the tools needed to get the job done quickly and efficiently.

The robust Link-OS Multiplatform Software Development Kit enables app creation on PCs, smart phones and tablets using Windows®, Linux, Unix, Android™, iOS®, Windows Mobile™ and Windows CE™. Containing the core programming libraries used to create the Link-OS Print Touch, Print Station and other soon-to-be-launched apps, the Link-OS SDK makes creating powerful apps simple and straightforward.

Other SDK features to keep development time and costs to a minimum include:

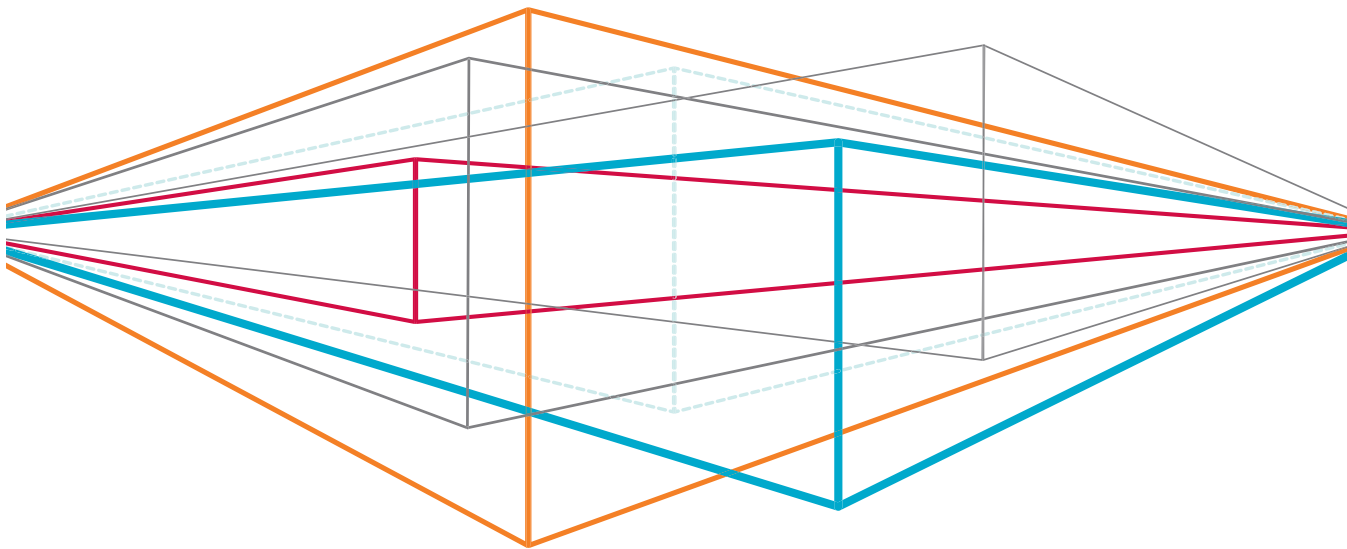
- SDK's for Windows, Linux, Unix, Android, iOS, Windows Mobile and Windows CE
- The ability to create applications using multiple native programming languages, including Java, Objective-C®, C# and VB
- Support for multiple connectivity methods, including USB, Bluetooth, Ethernet and WLAN

- Support for creating and loading device profiles, backups, status checking, font & graphic conversion and much more
- Over 120 code examples and demos, including extensive documentation
- XML to ZPL conversion libraries enables developers to create solutions that convert XML into printable output
- Automate printer management using JavaScript Object Notation (JSON)
- Source code for the Print Station app

### Connect securely and directly to the Cloud

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Cloud Connect allows Link-OS devices to become an integral part of an overall Cloud strategy. By using standard WebSockets technology, developers can connect Link-OS devices securely and directly to Cloud based apps – for device management, printing or as part of a powerful data collection platform. Applications can use on-printer data capture technology to quickly move information from a connected scanner or input device through the printer to reduce costs and streamline applications. Cloud Connect on Link-OS printers opens new application possibilities and ensures a Link-OS device investment will pay off for years to come.



# LINK-OS: CAPABLE, SMART, INNOVATIVE

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## **Pairing and launching made easy with Print Touch**

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Enables use with Print Touch. Leveraging Near Field Communication (NFC), Print Touch enable new experiences and quick access to helpful information.

Pair Link-OS and Android based NFC enabled devices with a simple tap. Use Print Touch to create apps that launch at a touch to simplify use – and ensure that users get quick access to the data they need. Zebra's Print Touch devices also offer web page launching features, making it easy to access Zebra's extensive knowledge base of how-to videos and product support. Print Touch makes it easy to save time and money in IT, customer service, and tech support departments.

To enable customized experiences, the Print Touch NFC tag is "virtually locked" – making it simple to create unique applications.

## **Get started exploring now – using the Zebra Utilities app**

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The new Zebra Utilities app supports printing from multiple platforms and connectivity methods – including Bluetooth and WLAN from Apple iOS mobile digital devices and Android tablets and smartphones. Use the built in demos or create unique templates using the WYSIWYG ZebraDesigner app for

Windows®. User generated templates can be easily stored on the printer or in the tablet or smartphone. Ready to use – the Zebra Utilities app is available from the Apple AppStore or Google Play Market.

## **Print from anywhere – anytime – using today's platforms**

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The new Print Station app enables printing from Android tablets and smartphones. Label and receipt templates created using the ZebraDesigner, a WYSIWYG application for Windows®, stored on the printer, smartphone or tablet and later recalled for printing. The Print Station app is available from the Google Play Market.

App features include:

- Discovering and pairing with Zebra printers via a Bluetooth, WLAN or USB connection
- Retrieving and displaying a list of document templates (formats)
- Using document templates to generate on-screen prompts – allowing data entry at print time
- Using the camera on the Android device to scan barcodes for data entry

Complete source code for this app is included in the Link-OS Software Development Kit.

## Many supported Host devices

### Android SDK

Supported Android devices  
(using Android v2.3.4 or higher)

- Samsung Galaxy Nexus
- Nexus 4
- Motorola ET-1
- Nexus 7
- Nexus 10 (4.2)

### iOS SDK

Supported Apple® mobile digital devices  
(using iOS versions 5.0 and later)

- iPhone® 4
- iPhone® 4S
- iPhone® 5
- iPod touch® 4,5
- iPad™ 2,3,4
- iPad™ Mini
- Infinite Peripherals Linea Pro

### PC SDK

- PC Operating systems using Java Runtime Environment (JRE) v1.6+

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## So much more to come

This is just the beginning. Future releases will include new innovative features and apps to help simplify integration and get the most from Link-OS devices. Visit [www.zebra.com/linkos](http://www.zebra.com/linkos) to learn more.



**Corporate Headquarters**  
+1 800 423 0442  
[inquiry4@zebra.com](mailto:inquiry4@zebra.com)

**Asia-Pacific Headquarters**  
+65 6858 0722  
[apacchannelmarketing@zebra.com](mailto:apacchannelmarketing@zebra.com)

**EMEA Headquarters**  
+44 (0)1628 556000  
[mseurope@zebra.com](mailto:mseurope@zebra.com)

**Latin America Headquarters**  
+1 847 955 2283  
[inquiry4@zebra.com](mailto:inquiry4@zebra.com)

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