

TECHNICAL SERVICES UPDATE



MARCH 2017 LINK-OS™

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Link-OS

[What is Zebra® Link-OS™?](#)

Link-OS is the one-of-a-kind enterprise printer operating system found in Zebra's latest line of printers. Featuring advanced connectivity capabilities, extensive device management and advanced privacy controls, no other printers deliver this level of intelligence and innovation.

Printers running Link-OS are supported by a suite of powerful Applications, Utilities and Developer Tools, making it simple to create robust, adaptable and intelligent print solutions.

[Frequently Asked Questions \(FAQs\) on the Link-OS Environment](#)

This article provides in-depth and useful information on the Link-OS Environment. Please visit the hyperlink to find out more details.

[Browser Print](#)

Developers can now quickly add USB or Network based printing support to their browser-based apps on a number of different platforms and browsers.

The application supports the following operating systems and browsers:

- Windows® 7, Windows® 10 and Mac® OSX
- Internet Explorer® v11 or later, Chrome® v51 or later, or Safari®

[Profile Manager](#)

Profile Manager gives you one app to manage all aspects of your networked Link-OS Devices. There's no need to switch between applications to get the job done and you can manage from remote locations. View the simple and straightforward admin console interface from your PC, tablet and smartphone.

To see it live, please click on the link.

[Enterprise Connector](#)

Enterprise Connector makes barcode printing from Oracle® easy.

It provides:-

- Faster throughput and reduced wait times
- Unlimited printer support (no-printer licensing fees)
- A simple and lean printing system, with complex middleware eliminated

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[AirWatch® Connector](#)

Eliminate the need to use multiple tools to manage multiple device types.

The Windows® PC-based AirWatch Connector is the quick and easy way to manage Link-OS devices directly from the AirWatch environment across WLAN and Ethernet infrastructures.

- Download a new printer OS
- Transfer objects to the device
- Check device status – all from the AirWatch System

[Print Touch](#)

Using Near Field Communication (NFC), Print Touch enables new experiences and quick access to helpful information.

Print Touch devices offer app and web page launching features.

It allows you to:-

- Pair Link-OS and Android™-based NFC-enabled devices with a simple tap
- Use Print Touch to create apps that launch instantly

[Cloud Connect](#)

Connect printers directly and securely to your cloud-based apps.

Cloud Connect allows Link-OS printers to interact with Cloud, forwarding data from any port.

These printers become an integral part of an overall Cloud strategy and an important component of your Internet of Things solution – today, or in the future.

[Link-OS Multiplatform SDK](#)

The robust Link-OS™ Multiplatform Software Development Kit enables app creation on PCs, smartphones and tablets supporting the most popular operating systems. The Link-OS SDK makes creating powerful apps simple and straightforward.

This SDK lets you save considerable time as you develop your own solutions.

- Expanded demos, extensive documentation, and template printing
- Develop apps for PCs, smart phones and tablets using Windows®, Linux, Android™, iOS™, Windows Mobile™ and Windows CE™
- Develop apps leveraging the Cloud Connect feature, using our Webservices demo code

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- Supports Java, Objective C, C# and V
- Supports the Xamarin Cross-Platform Development tool set

[PDF Printing through Link-OS PDF Virtual Device](#)

Zebra has regularly heard feedback from the developer community about your mobile and web based applications that output PDF reports, documents and shipping labels for printing. The standard label printer is unable to directly process PDF formatted documents, without requiring middleware software to convert PDFs into formats the printer can understand. This adds additional challenges for developers and customers.

For more information, please review the link to understand how applications are now able to send PDF documents directly to Link-OS printers.

[Zebra Independent Software Vendors \(ISVs\)](#)

Zebra's global network of Independent Software Vendors (ISVs) offer innovative software applications developed to work with Zebra devices and systems.

Our ISVs can help you identify the best applications for your needs, or provide custom solutions development to help address unique business needs.

Click on the [AppGallery](#) link or the [Partner and Application Locator](#) link to find out more.

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[Link-OS Printer Operating System Syslog](#)

Syslog is an industry standard device management system for message logging.

For a general understanding of syslog, use the reference:-

Wikipedia: <http://en.wikipedia.org/wiki/Syslog>

Zebra Link-OS enabled printers have supported syslog since VXX.19.7Z firmware. This allows the printers to fit seamlessly within a customer's existing device management solution.

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[Zebra Link-OS Compatible Printer ZBI Event List](#)

We have added a Knowledge Base solution that contains information on ZBI key names and event ID's for the buttons on Link-OS Compatible printers.

Link-OS Compatible Printers using ZBI including:-

- ZT2x0
- ZT4x0
- ZD500
- QLn
- ZQ500
- ZD400

[Front Panel Password Protection for Zebra Link-OS Printers](#)

Link-OS™ firmware version VXX.19.13Z adds the ability to protect access to the Front Panel. This new feature requires entering a password before modifying a Front Panel item.

Note: All other Link-OS printers that do not have LCD Displays will not support this feature.

[Enabling Logging on a Link-OS™ Weblink Compatible Printer](#)

The Weblink logging is for management apps such as Airwatch, SOTI and Profile Manager.

Logging can be enabled on the printer to help in troubleshooting Weblink connectivity issues.

For further information, please visit the link above.

[Printing Graphics – Zebra Android Link-OS™ SDK – Java](#)

This sample application allows you to select an image by a camera or from the image gallery and then print it over Bluetooth or TCP connection using Zebra Link-OS SDK.

The application contained in the link was developed using Android Studio with the Android SDK. It is designed for any handheld device that runs on Android Version 4.1 or newer.