

Link-OS Demo-o-Rama *Demos for Every Occasion*

Leo Lowy

Director, Sensor Product Management



Print DNA Printers





WHERE IS DEMO?



WHO IS DEMO?



WHY IS DEMO?

The Link-OS Demos Are...



Online, for
all to use



The Link-OS Demos Are...



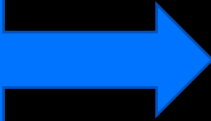
Created,
Maintained
by Zebra



The Link-OS Demos Are...




For, demos,
inspiration
and fun...




Webservices Developer Demo

- Enables remotely interacting with a printer, via web sockets.
- Source code provided in the Link-OS Software Development Kit
- Demonstrates connecting a server-based application to the printer
- Requires a printer with connectivity to the internet.



Link-OS Webservices Developer Demo



Press F5 to refresh the table.

Name (4 printers connected)	IP Address	Firmware Ver	DNS Name	Serial Number	Actions
ZTC ZQ620-203dpi ZPL	10.6.208.114	V85.20.23Z	ZQ620	XXZKJ183800725	Print Config --- Get Settings --- Print Format
ZTC ZD420-203dpi ZPL	192.168.68.43	V84.20.23Z	ZEBRA ZD420 ONLI	D0N222500638	Print Config --- Get Settings --- Print Format
ZTC ZD420-203dpi ZPL	10.123.32.21	V84.20.15Z	D0J191801550	D0J191801550	Print Config --- Get Settings --- Print Format
ZTC ZT230-203dpi ZPL	10.10.112.116	V72.20.22Z	52J190806280	52J190806280	Print Config --- Get Settings --- Print Format

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Cloud Printing Demo

- Enables using a Bluetooth Scanner to trigger “Print From Cloud” events
- Source code provided in the Link-OS Software Development Kit
- Demonstrates connecting a server-based application to the printer
- Requires a printer with a display and connectivity to the internet.



ZEBRA Link-OS Cloud Printing Demo			
Press F5 to refresh the table.			
4 printer(s) online	Location	Printer ID	Valet Pickup Request
ZTC ZQ620-203dpi ZPL	Hotel #101	ZQ620	Enter Claim Check Number: <input type="text"/> <input type="button" value="Send Request"/> <input type="button" value="Print PDF Coupon"/>
ZTC ZD420-203dpi ZPL	Day Hospital Reception	DOJ191801550	Enter Claim Check Number: <input type="text"/> <input type="button" value="Send Request"/> <input type="button" value="Print PDF Coupon"/>
ZTC ZD420-203dpi ZPL		ZEBRA ZD420 ONLI	Enter Claim Check Number: <input type="text"/> <input type="button" value="Send Request"/> <input type="button" value="Print PDF Coupon"/>
ZTC ZT230-203dpi ZPL		52J190806280	Enter Claim Check Number: <input type="text"/> <input type="button" value="Send Request"/> <input type="button" value="Print PDF Coupon"/>
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<small>Version 1.8</small>			

Cloud Printing Demo (simulation)

- Enables using a Bluetooth Scanner to trigger a simulated “Print From Cloud” events.
- For use when you don’t have Cloud or Server connectivity.
- Demo uses ZBI in place of a server
- Requires a printer with a display and ZBI enabled

```
^FX*****  
^FX ENABLE BLUETOOTH & TURN OFF SGD CAPTURE  
^FX*****  
^XZ  
  
! U1 setvar "device.languages" "hybrid_xml_zpl"  
! U1 setvar "bluetooth.enable" "on"  
! U1 setvar "capture.channell.delimiter" ""  
! U1 setvar "capture.channell.port" "off"  
! U1 setvar "alerts.configured" "COLD START,SNMP,Y,N,255.255.255.255,162,N"  
! U1 setvar "weblink.restore_defaults" ""  
  
^FX*****  
^FX AUTOEXEC  
^FX*****  
  
^XA^DFE:AUTOEXEC.ZPL^FS  
^JIE:MKDOWN.BAS,N,N^FS  
^XZ
```



Browser Print Demo

- Enables you to print from a Browser to a printer via network or USB
- Useful for printing and sending files to the printer.
- Requires a printer with connectivity to the internet.

Zebra Browser Print Test Page
This page must be loaded from a web server to function properly.

Selected Device:

[Get Application Configuration](#)

[Send Config Label](#)

[Send ZPL Label](#)

[Get Status](#)



HTTP/S Post Printing Demo

- Enables printing from a browser using HTTP and HTTPS Post.
- Uses the Java-based Link-OS Software Development Kit
- Requires a printer with connectivity to the internet.

ZEBRA HTTP POST Printing Example

Enter the printer's IP Address:
The printer must be on the same network as this browser.

[View printer webpage](#)

Select a demo:
Name badge demo

Enter First Name:

Enter Last Name:

[Print Badge \(http\)](#)

[Print Badge \(https\)](#)



HTTP/S Post Alerts Demo

- Enables receiving alerts from a Link-OS printer.
- Uses the Java-based Link-OS Software Development Kit
- Requires a printer with connectivity to the internet.



 **Zebra Link-OS HTTP-POST Alert Demo**

The POST alerts from the printer are handled using a PHP script and are written to an 'alert log' CSV file. This page uses JavaScript to read and display the CSV file.

The 'alert log' is monitored for changes every 5 seconds and will reload automatically if new alerts are detected. **Hint:** Press CTRL-F5 if the log does not reload automatically.

Log last updated: **Mon, 17 Apr 2023 23:13:58 GMT**

Alert Date/Time (GMT)	Printer S/N	Alert Type	Alert Condition	SGD name	SGD data
30-Nov-2020 17:30:33	40J190800499	ALERT	SGD SET	device.user_p1	Maintenance Requested
30-Nov-2020 17:30:18	40J190800499	ALERT	SGD SET	device.user_p1	Supplies Requested

TLS Connections Demo

- Enables you to create and print over a secure connection, using Certificates
- Uses the Java-based Link-OS Software Development Kit
- Requires a printer with connectivity to the internet.
- This is a PrintSecure feature, documented in the Printer Admin Guide

MAIN MENU

1. Use TLS connection.
Use this option to communicate over a TLS connection.
(You must use option 3 once to deploy the certificates before using this option)
2. Use STANDARD connection.
Use this option to communicate over a standard TCP connection (no encryption).
3. Deploy the certificates to your printer.
Use this option to deploy the required certificates to your printer for the TLS connection.
4. Remove the certificates from your printer.
Use this option to remove the certificates from your printer.
5. Visit the PrintSecure homepage.
Access more PrintSecure information & resources.
6. View sample network captures.
View an image of network captures showing the label data encrypted & un-encrypted.
- Q. Quit.



Printer Profile Manager Enterprise

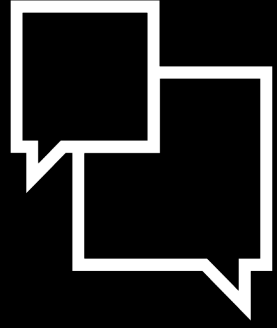
- Enables you to remotely manage a printer, settings, Printer OS version
- Useful for sending files to, pulling files from the printer
- Allows you to manage multiple printers, using automation
- Uses Weblink (web sockets) to enable printer management.
- Requires a printer with connectivity to the internet.

The screenshot displays the Zebra Printer Profile Manager Enterprise web interface. The top navigation bar includes 'ZEBRA', 'PRINTERS', 'BATTERIES', 'PROFILES', 'NETWORKS', 'CERTIFICATES', 'PROVISIONING', 'TAGGING', and 'RESOURCES'. A status bar shows 59 green, 5 red, 4 yellow, and 254 grey icons, with a 'TOTAL 322' and a user profile 'admin'. The main content area is titled 'Printers' and features a search bar, a 'Discover Printers' button, and a 'Sort by Friendly Name: Ascending' dropdown. A 'License: 68 of 500 Connected' indicator is visible. The printer list shows the following entries:

Printer Name	Status	Serial Number	Model	Firmware	IP Address	Location	Tags
Sunil	Offline	XXZFJ172300204	ZQ320-203dpi	V81.20.25Z	10.6.202.42	ISAMS	Sunil_ISAMS, 6.7, 10.6.202.1, ISAMS, MediaMode
18J142101844	Online	18J142101844	ZT410R-203dpi	V75.20.18	10.6.202.58		PRUEBA-01, 10.6.202.1, Standard Display, 18J142101844-enXXQV, 6.0, MediaMode
18J162605094	Offline	18J162605094	ZT410-203dpi	V75.20.21Z	192.168.18.67		Pharmacy, Hospital
18J175102418	Error (Paper Out, Printer Paused)	18J175102418	ZT410-203dpi	V75.20.21Z	172.31.100.146		18J175102418XXQV, 172.31.100.1, Standard Display, 6.2, MediaMode



User name: demo
Password: Password1&



Questions

Thank You

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