



Release Notes

IoT Connector for Windows v1.0
January 2024

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Overview

The IoT Connector allows a 3rd party management console, like Microsoft’s SCCM, to track scanner information including the scanner’s health by parsing an IoT Connector generated log file. IoT Connector will output a log file, one file per scanner/host.

The IoT Connector is configurable and can document one or all of the following information:

- Asset information
- Statistics for example battery charge level or UPCs scanned
- Firmware failures and or firmware success
- Parameter value(s) changed. Achieved by tracking parameter 616 (config file name changed to “Modified”)
- Scanned barcode data (all scanned items)
- Scan avoidance for MP7000

IoT Connector can have its output stored locally on its host PC or output to a network shared folder.

For the latest IoT Connector updates, please visit [Zebra Scanner SDK](#)



For support, please visit <http://www.zebra.com/support>.

Version History

Version 1.00.0019 – 01/2024

1. Added support for **logging of environment variables** (pulled from operating system) into the URL and request headers in the HTTP sink. Note the environmental variable check is performed real-time on each logging occurrence.
2. **Security fix** – Updated library “libcurl” used in IoT Connector from v7.78.0 to v8.4.0 to resolve security vulnerabilities.

Version 1.00.0018 – 01/2023

1. Added VIQ (Visibility IQ) endpoint support.
2. Added 5 new events as JSON formatted log entries for DEVICE ATTACHED, DEVICE DETACHED, STATISTICS, BARCODE and BATTERY Events.
3. Added ability to remove displaying empty curly brackets ({}) when no data is available for JSON formatted log messages.
4. Bug fix - The network location can be specified as a log file path.
5. Bug fix - Fixed intermittent crash on IoT Connector when multiple devices are used, AND network connection is disconnected.

Version 1.00.0010 – 01/2022

1. Logging Agent renamed “IoT Connector”.

Version 1.00.0008 – 10/2021

2. Added support for logging of operating system environment variables like “host PC name”. The environmental variable check is performed real-time on each logging occurrence.
3. Added support for real-time logging via a JSON call to cloud-based consoles like Splunk.

Version 1.00.0004 – 01/2021

1. Logging Agent bundled with Windows SDK.
2. Log agent can now retrieve Host/PC name and IP address.
3. “Scan Avoidance” functionality renamed to “Non-Decode Event”.
4. The reporting interval can be customized. Set unique programming interval by attribute. Note a small interval (less than 30 seconds) may impact POS system performance.

Version 1.00.0003 – 07/2020 (initial Release)

1. Logging Agent bundled with Windows SDK.

Installation

Installation of a new release replaces previous versions of IoT Connector and common components.



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Supported operating systems:

- Windows 10 32bit and 64bit
- Windows 11 64bit