

# Release Notes Zebra RFID Host C SDK for Windows FX Series Host programming

This document summarizes the following firmware releases:

Release Number	Release Date	See page
Zebra-RFID-FXSeries-Host-C-SDK_V103	06-May-2020	Page 1

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## Zebra RFID Host C SDK for Windows V1.0.3

### RELEASE DATE: 06-May-2020

This package contains the RFID3 updates required to create host-based C applications for the FX Series RFID reader. This supports Visual Studio v2015 and Visual Studio v2017

This package contains installer for RFID Host C SDK for Windows platform.

- Added support for Gen2 V2 commands
  - o RFID\_Authenticate
  - o RFID\_ReadBuffer
  - o RFID\_Untraceable
  - o RFID\_Crypto
- Added support for Licensing
  - o RFID\_AcquireLicenseOnLine
  - o RFID\_AcquireLicenseOffLine
  - o RFID\_ReturnLicense
  - o RFID\_GetAvailableLicenses
- Added additional Triggers
  - o Added TimeLapse, Distance Start Trigger
  - o Added TimeLapse Stop Trigger
  - o Added Extra Triggers to support multiple start/stop triggers for inventory/access operation
- Added support to report GPS location co-ordinates as part of TAG\_DATA if the reader connected with Sierra GPS modem
- Added support to report tag status of moving and stationary.
  - o Extended TAG\_EVENT\_REPORT\_INFO structure to enable TAG\_MOVING\_EVENT\_REPORT
  - o Reported Tag status as part of TAG\_EVENT in TAG\_DATA structure
- POST\_FILTER data structure extended to configure IpTagListFilter to report only the tags which are interested
- Extended READER\_CAPS structure to report the following features supported
  - o TagListFilterSupported
  - o TagMovingStationarySupported
  - o ZebraTriggerSupported

- G2V2CommandSupported
- GPSReportingSupported
- Added new Reader Management API RFID\_EnterpriseReset to perform enterprise reset. The existing RFID\_FactoryReset is deprecated.
- Fix for file-based update in Windows 10 update 1903.
- Documentation had been made specific to RFID SDK and has been enhanced with more examples.

This release is aimed at supporting the VS 2015 and VS 2017 versions.

The version numbers of the DLLs are as listed in the Versions section.

### Contents of the release package

Zebra-RFID-FXSeries-Host-C-SDK\_V103.msi

### Host SDK Release Version Info

IMAGE TYPE	VERSION	FILE NAME	DATE
RFID3 C API DLL	5.5.4.14	RFIDAPI32PC.DLL	06-May-2020
C API Help and programmers guide	NA	RFID3_SDK_C_Help.chm	06-May-2020

### Device Compatibility

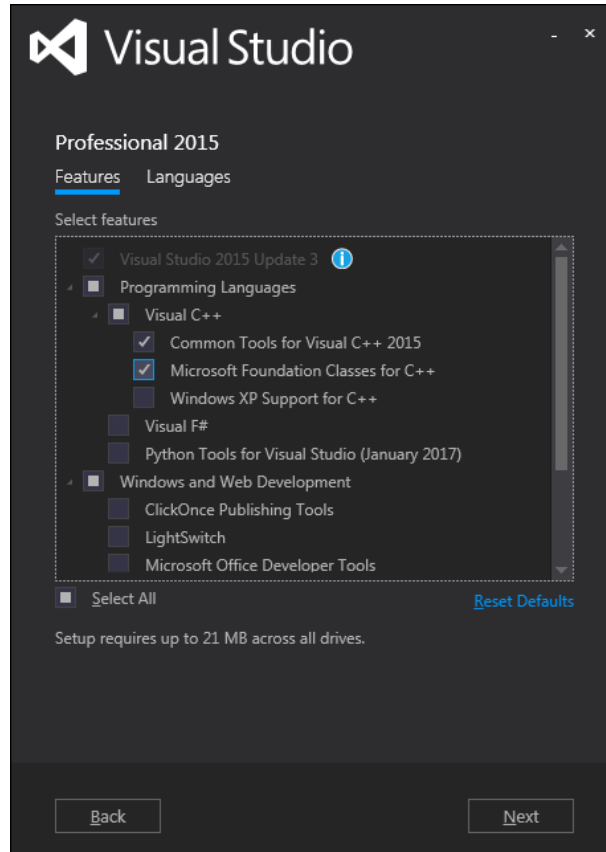
This software release has been approved for use with the following Zebra devices.

Device	Operating System
FX9600 & FX7500	Linux

### Installation Requirements

- Microsoft Windows 7 (64-bit) / Window 10 (64-bit)
- Microsoft Visual Studio 2015 / 2017

- Features that are necessary
  - Common Tools for Visual C++ 2015 / 2017
  - Microsoft Foundation Classes for C++



- If EMDK for C installed already, the reference path to RFID header files and lib must be set to new installation path.

This software package has been approved for use with the following SDK and the FX9600 / FX7500 RFID readers:

- Zebra RFID FXSeries Host SDK for C v1.0.3

### Part Number and Release Date

Zebra-RFID-FXSeries-Host-C-SDK\_V103.msi

May 6,2020