

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

This document summarizes the following firmware releases:

Release Number	Release Date	See page
Zebra-RFID-FXSeries-Host-DotNet-SDK V103	06-May-2020	Page 1

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

### RELEASE DATE: 06-May-2020

This package contains the RFID3 updates required to create host-based .NET 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 as part TagAccess class
  - o AuthenticateWait
  - o AuthenticateEvent
  - o UntraceableWait
  - o UntraceableEvent
  - o ReadBufferWait
  - o ReadBufferEvent
  - o CryptoWait
  - o CryptoEvent
- Added support for Licensing as part of Licensing class
  - o AcquireLicenseOnLine
  - o AcquireLicenseOffLine
  - o Return
  - o AvailableLicenses
- 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 TagData class if the reader connected with Sierra GPS modem
- Added support to report tag status of moving and stationary.
  - o Extended TagEventReportInfo class to enable TAG\_MOVING\_EVENT\_REPORT
  - o Reported Tag status as part of TAG\_EVENT in TagData class
- Extended ReaderCapabilities class to report the following features supported
  - o IsZebraTriggerSupported;
  - o IsG2V2CommandSupported;
  - o IsGPSReportingSupported;

- IsTagListFilterSupported;
- IsTagMovingStationarySupported
- 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. The format is changed to HTML based documentation instead of CHM file.

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-DotNet-SDK\_V102.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
RFID API3 .NET DLL	1.5.1.21	Symbol.RFID3.Host.dll	06-May-2020
.Net API Help and programmers guide	NA	RFID3_SDK_DotNet_Help.chm	06-May-2020

### Device Compatibility

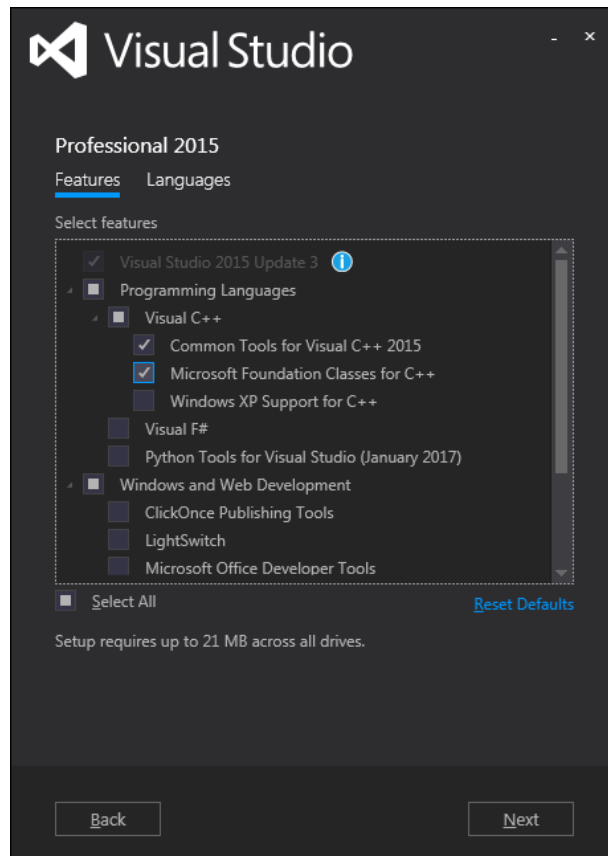
This software release has been approved for use with the following Zebra devices.

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++



- Support .NET framework 4.5 or above.
- If EMDK for .NET is installed, the reference to the Symbol.RFID3.Host.dll 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 .NET v1.0.3

### Part Number and Release Date

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

May 6,2020