

# u-blox VCP Device Driver v3.03

## *Release note*

### **Abstract**

Release note containing general information, features, improvements, changes and known limitations for the u-blox VCP Device Driver v3.03.

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Objective Specification Document contains target values. Revised and supplementary data will be published later.

Advance Information Document contains data based on early testing. Revised and supplementary data will be published later.

Early Production Information Document contains data from product verification. Revised and supplementary data may be published later.

Production Information Document contains the final product specification.

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# 1 Introduction

This document provides the release note for the u-blox VCP Device Driver v3.03.

## 1.1 Installer Files

The installer file for the driver is:

- ubloxGNSS\_vcpDeviceDriver\_windows\_3264\_v3.03.exe

## 1.2 Components

The VCP (Virtual COM Port) Device Driver installer contains the following components:

- Virtual COM Port Device Driver

## 1.3 Released Documentation

- Public Release Notes (UBX-17013632)
- u-blox GNSS Sensor and VCP Device Driver User Guide (UBX-15022397)

## 2 Features

### 2.1 Supported Microsoft Windows versions

The following Windows version are supported:

- Windows 7, 32- and 64-bit
- Windows 8, 32- and 64-bit
- Windows 8.1, 32- and 64-bit
- Windows 10, 32- and 64-bit

### 2.2 Windows Hardware Certification

The VCP Device Driver is certified and signed for the following Windows versions:

- Windows 7, 32- and 64-bit
- Windows 8.1, 32- and 64-bit
- Windows 10 (1703), 32- and 64-bit

### 2.3 Supported u-blox GNSS receivers

The following u-blox GNSS receivers are supported:

Receiver generation	Product ID	Vendor ID	Device name (shown in Device Manager)
u-blox 5	0x01A5	0x1546	u-blox 5 GPS and GALILEO Receiver
u-blox 6	0x01A6	0x1546	u-blox 6 GPS Receiver
u-blox 7	0x01A7	0x1546	u-blox 7 GPS/GNSS Receiver
u-blox 8/M8	0x01A8	0x1546	u-blox GNSS Receiver

## 3 Improvements and Changes

### 3.1 Version 3.03

- Certified for Windows 7, 32- and 64-bit
- Certified for Windows 8.1, 32- and 64-bit
- Certified for Windows 10 release 1703 (Creators Update), 32- and 64-bit.

### 3.2 Version 3.02

- Corrected implementation of IOCTL\_SERIAL\_GET\_WAIT\_MASK and IOCTL\_SERIAL\_WAIT\_ON\_MASK. This allows applications using these control code to function correctly.

### 3.3 Version 3.01

- Fixed certificate issue with Windows release 1607 (Anniversary Update).

### 3.4 Version 3.00

- The VCP is now a User Mode driver.
- Exempt from Device Guard compliance.

### 3.5 Version 2.30

- Version increased to v2.30.
- DUA from v2.24, no binary changes.

### 3.6 Version 2.24

- Enable the VCP driver for all languages.

## 4 Known Limitations

### 4.1 Known Issues

- This driver does not fully emulate a hardware serial port.
- The .Net 'SerialPort' class does not recognise the COM port created by this driver as real COM port, hence this class cannot be used to communicate with this driver.

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