
BCS Software Manual

Release 6.12

Embention

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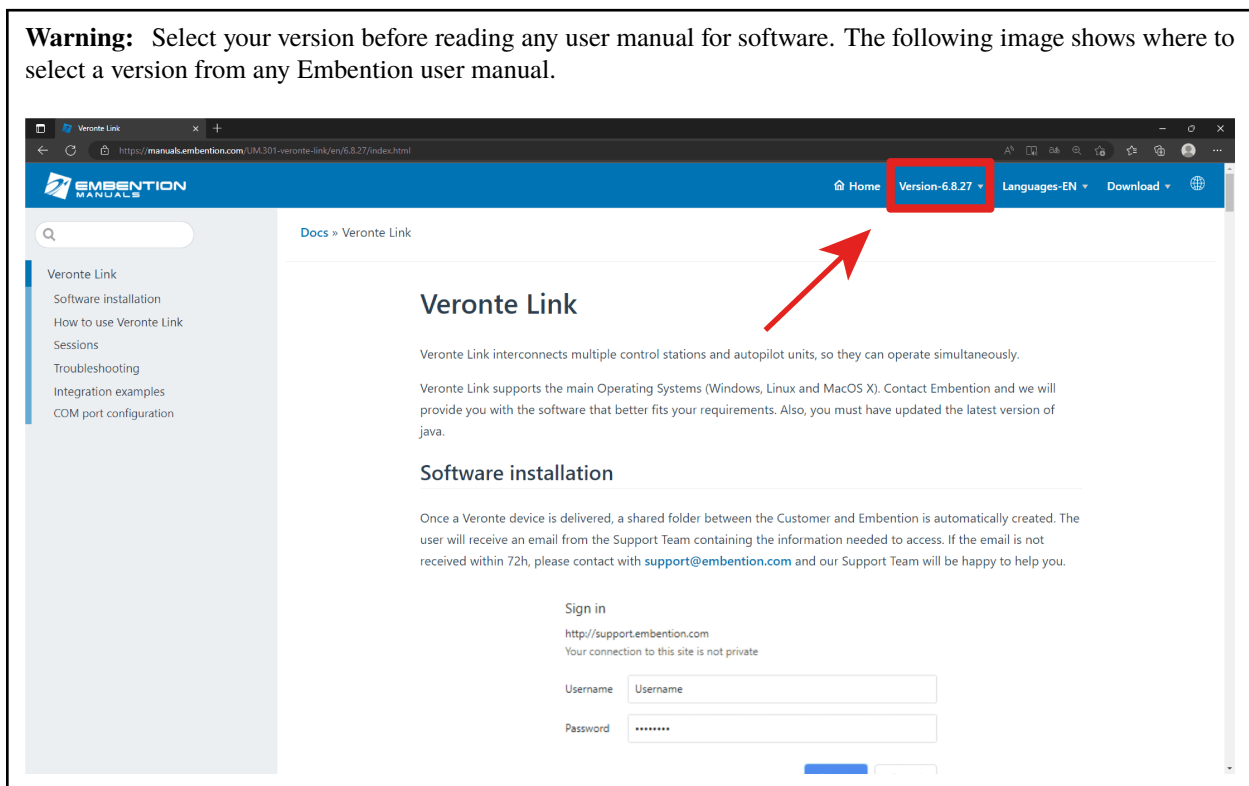
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INTRODUCTION

In this manual the user can consult a brief description of all the applications created and designed to work together with the **BCS**.

In addition, links are available to access the manuals for each of these applications.

Warning: Select your version before reading any user manual for software. The following image shows where to select a version from any Embention user manual.



SOFTWARE APPLICATIONS

2.1 Veronte Link

Veronte Link establishes communication between a computer and any Veronte product by creating a VCP bridge. It allows to use multiple control stations and autopilots to be interconnected, operating simultaneously. **Veronte Link** also includes a post-flight viewer, to reproduce all recorded data from previous flights and generate plots and reports.

For more information, visit the [Veronte Link user manual](#).

2.2 BCS PDI Builder

BCS PDI Builder is the main configuration tool to adapt a **Veronte BCS** to a specific flight control system, including user-defined communication protocols. **BCS PDI Builder** includes:

- Telemetry: real-time reception of UAV metrics, such as sensors, actuators and control states.
- Configuration: edit communication settings according to the station control requirements.
- Automations: actions that are automatically executed when a set of configured conditions are accomplished.
- Block Programs: **BCS** can be programmed with a friendly-user programming language.

For more information, visit the [BCS PDI Builder user manual](#).

VARIABLES AND PDI ERRORS

BCS uses the same variables and error codes of **Veronte Autopilot 1x**.

- To know the variables, read [1x Software Manual -> List of variables](#).
- To know the error codes, read [1x Software Manual -> List of PDI errors](#).