

Software Manual

Base firmware image, RTE Studio setup, flashing procedures, and custom software development for the control module.

Supported by



Placeholder / Under Revision - This page is incomplete or out of date and will be revised.

1. Software Manual

This manual describes the software side of the OpenVVVF control module. It is the **user-facing** companion: operating, flashing, and configuring the software on this hardware.

PLACEHOLDER

- This manual is being rewritten. The previous Software Architecture Document mixed user, developer, and safety-coprocessor material; it is being split into dedicated documents. Firmware internals and architecture documentation will be published alongside it.

1.1. Planned sections

1. Base firmware image overview
2. Flashing and recovery procedures
3. RTE Studio setup and configuration
4. Building and loading custom application code
5. Firmware updates and rollback
6. Safety-coprocessor interaction
7. Troubleshooting