

# Flasher Secure



The flash programmer for authenticated off-site production

## Authorized Flashing

The Flasher Secure can limit the number of flash programming cycles, thereby limiting the number of devices to which the firmware can be transferred. This protects the IP against unauthorized access.

## High-speed programming

Flash programmers are designed to achieve top programming speeds, coming very close to the theoretical minimum programming time of the target hardware.

## Flexible control and monitoring

The Flasher Secure is easy to set up and operate using SEGGER software tools. It can be used in either stand-alone or PC-based programming mode.

## End-to-end security

The Flasher Secure supports trusted firmware features to ensure end-to-end encryption, authentication and confidentiality, covering the whole process including encrypted programming of many devices, even those not supporting it by design.

## Flasher Secure Control Server

The Flasher Secure Control Server runs in a trusted environment and authorizes signatures which are tied to the hardware. It also allows widely customizable serial number generation for automatic assignment in production to track e.g. date, manufacturer, used Flasher, etc.

## Key features

- Authenticated production with full visibility
- Production volume control
- Supports microcontrollers with unique IDs
- Prevents production of counterfeit units
- Centralized management of assigned Flashers - worldwide
- Multi-platform:  
Includes setup and control software for Linux, macOS and Windows.
- One time cost — no additional license fees
- Centralized management of assigned Flashers - worldwide



## USE CASES

- ➔ IP protection for secure device management at contract manufacturers

