

ProMik

FlashTaskPro

A Modular Concept

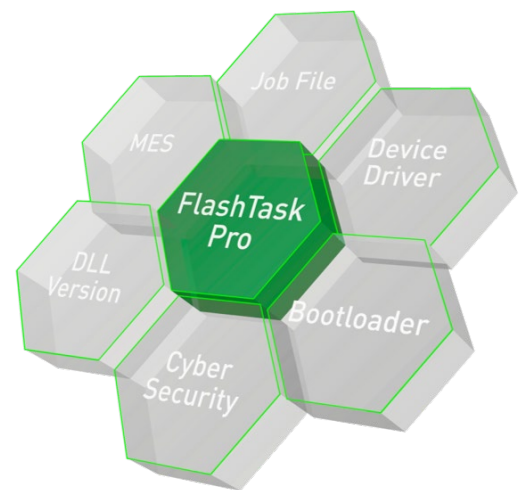
Overview

FlashTask Pro is ProMik's master production software for easy control of your entire Flash process. It combines under one user interface all necessary software packages for an integrated Flash and test process. This eliminates the need for time-consuming and expensive software integrations. Regardless of experience, engineers can rapidly and cost-effectively set-up integrated flash-stations in your production.

FlashTask Pro implements the latest cyber security requirements to ensure a secure flashing process. Password protection, job file and data encryption are part of the FlashTask Pro production suite. Due to its modular approach customized security mechanisms can be integrated as well. Administrator and operator modes allow the supervisor to set up the job file and assign password controls. FlashTask Pro captures all events during the programming process in a traceability file, providing complete information for detailed audit-trails.

FlashTask Pro intuitively assists you through every step of your flashing process. You capture all relevant data in a dedicated job file and are able to manage the job status, e.g. 'waiting for validation', 'approved for production' or 'on-hold', individually for each job file – automatically via a status-check linked to your manufacturing execution system (MES). This integrated process also provides you with the safety, convenience and efficiency to repeat the programming job anytime with validated parameters for highest quality programming.

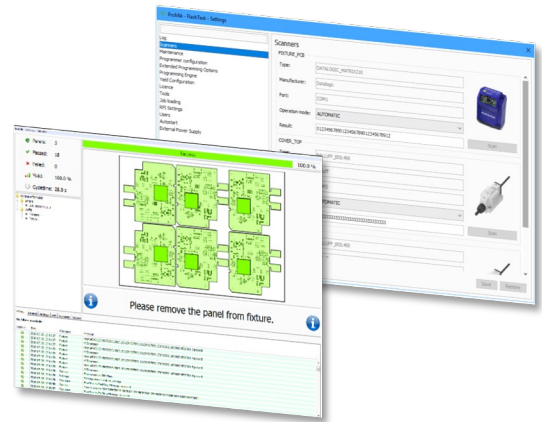
FlashTask Pro also provides optional software interfaces to your Manufacturing Execution System (e.g. iTAC, camLine, OpCon, etc.) and provides enhanced traceability as well as diagnostics features. Thus, the software is supporting latest Industry 4.0 requirements.



FlashTaskPro

Key Features

- Covering all requirements of modern electronics production
- Process control via Job File
- Operator friendly user interface
- Remote Control Interface for Inline Handling-Systems
- Manufacturing Execution System Interface
- Enhanced traceability and diagnostics
- Cyber Security implementations on device and system level



FT JobEditor

- Intuitive set-up of flash and test jobs
- Menu-guided setup for all task relevant options
- Pull-down menus to set customer specific MCU, task, serial number and traceability options
- Advanced dynamic data programming features (serial numbers, Cyber Security Keys, etc.)
- Merge multiple files into one programming file
- Handles any combination of file formats (S-Record, Intel HEX, Binary)

FT Engine

- Executes validated job files created by the FTJobEditor
- Optimized for production use, parallel programming of multiple targets
- Clear text error messaging for quick trouble shooting
- Continuous voltage monitoring during programming process
- Configurable watchdog trigger functions for your target application, e.g.: Square wave, Low / high signal, System Basis Chip control via SPI protocol
- Supports device specific options
- Robust device drivers including high performance algorithms for a reliable flash process

