



# Prover iLock®

Version 5.36

Prover iLock® is a desktop tool for producing fully documented, tested, and verified application software for railway signaling systems. Ready for compilation and installation on the target platform.

## Benefits

**Enhanced Safety.** Mitigate risks and enhance safety by rigorously verifying signaling software.

**Time and Cost Savings.** Streamline the development and verification process, reducing time-to-market and overall project costs.

**Reliability Assurance.** Thorough testing and verification processes ensure the reliability and robustness of the application software.

## Key Features

**Formal Verification.** Prove that your system fulfills safety requirements.

**Simulator.** Efficiently test your system, based on generic tests or on manual scenarios,

**Code Generator.** Automatically produce software code for system designed with Prover iLock®.

**Documentation Generator.** Document your specific application about design, safety, testing and others.

## Industry Standards Compliance

Prover iLock® can be used in collaboration with Prover Certifier™ to meet requirements of CENELEC EN 50128.

## Interfaces

Prover iLock® is a desktop tool for Windows.

Prover iLock® can produce reports in various formats, like PDF, HTML, DOCX, XLSX or CSV.

Prover iLock® can import and generate code for several platforms such as Westrace, Microlok, VPI/iVPI, VTL, ElectroLogiX, VHLC, Tempo, C, StructuredText. Support for these platforms is available as extra plugins.

## Supported Platforms

Microsoft Windows 10, not older than 3 years.

Microsoft Windows 11, not older than 3 years.

Support for additional Windows platforms can be purchased.

## Expert Services

Additional expert services can be provided, including training, analysis as a service, and best practices advice.

Get Started with Prover iLock®

Visit [www.prover.com/products/prover-ilogk/](http://www.prover.com/products/prover-ilogk/) to learn more,

watch a demo, or get in touch with our experts.