

# Prover iLock



Prover iLock® is a desktop tool for developing fully documented, tested, and verified application software for railway signaling systems. Given the signaling rules captured in a Generic Application and the configuration of a specific signaling system, Prover iLock generates the requirements for the Specific Application.

## 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 and can reach specific states.

**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 and EN 50716.

## 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. (Support expires on October 14, 2025)

Microsoft Windows 11, not older than 3 years.

Support for additional Windows platforms can be purchased.

## Expert Services

Expert services can be provided, including training, analysis as a service, and advice about best practices. Contact Prover for a quotation.

## Get Started with Prover iLock

Scan the QR code or visit [www.prover.com/products/prover-ilock/](http://www.prover.com/products/prover-ilock/) to learn more, watch a demo, or get in touch with our experts.

