



# Prover Studio®

Version 2.8.

Prover Studio® is an integrated development environment for formal specifications. It is part of the Prover Trident® process but can be used independently.

## Benefits

**Efficient Coding.** Enjoy a streamlined coding experience with a minimalist yet powerful editor.

**Versatility in Language Support.** Support for HLL, sHLL, LCF, PiSPEC®.

**Seamless Integration.** Integrated with Microsoft Visual Studio Code for a user-friendly and familiar development environment.

## Key Features

**Syntactic checks.** Verify that the syntax of your code is correct (HLL, sHLL, LCF, PiSPEC®).

**Semantic checks.** Verify that the semantics of your code are in accordance with the language (PiSPEC®, HLL).

**Code highlighting.** Enhanced readability for your code.

**Navigate.** Jump to definitions, declarations, or usages of functions or variables.

## Interfaces

Prover Studio® is a desktop tool, based on Microsoft Visual Studio Code.

Several languages are supported by Prover Studio® like HLL, sHLL, LCF, and PiSPEC®.

## Supported Platforms

Linux Ubuntu 18.04 until April 30, 2025.

Linux Ubuntu 20.04 until April 30, 2027.

Linux Ubuntu 22.04 until April 30, 2029.

Microsoft Windows 10, not older than 3 years.

Microsoft Windows 11, not older than 3 years.

Support for additional platforms can be purchased, if supported by Microsoft Visual Studio Code.

## Expert Services

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