

## Prover<sup>®</sup> Signaling Design Automation Training

### Learn Formal Specification and Process Automation

Prover provides hands-on training and professional certification programs that enable operators and suppliers to realize the benefits of PiSPEC and Prover iLock.

### Learn How to Engineer Applications with Prover iLock

In this four-day class, engineers will learn how to code, simulate, and formally verify signaling applications using Prover iLock. It is a practical hands-on training session that introduces formal techniques and PiSPEC, and gives in-depth knowledge of the Prover iLock software tool.



#### **Application Engineering Certification**

##### **Who should attend**

Anyone curious to learn more about formal specification and signaling design automation tools.

##### **Duration and format**

Four consecutive days, classroom setting,  
50/50 theory/practice split

##### **Optional Certification**

Prover Certified Application Engineer

##### **Prerequisites**

Basic signaling engineering experience

**Price** €2400

### Learn How to Write Formal Safety, Test and Design Specifications

In this three-week class, engineers learn how to review, develop, and maintain formal specifications using PiSPEC. Classroom sessions are spread over 3 months, so that students have the opportunity to practice and reinforce their skills without leaving projects for an extended period of time.



#### **Specification Engineering Certification**

##### **Who should attend**

Engineers interested in formal specification.

##### **Duration and format**

Three weeks with 4 days of training each, spread over a  
3 month period.

##### **Optional Certification**

Prover Certified Application Engineer

##### **Prerequisites**

Each student has to a Prover Certified Application Engineer.  
(Experience in object-oriented software development or predicate  
logic will be beneficial.)

**Price** €6100

## engineering a safer world™

Aviation, trucking and cars bring oil dependence and pollution. Trains are faster, more economical, safer and greener. At Prover Technology, we are committed to doing our part. We supply solutions for engineering the safety critical systems that control trains, signals and switches.

Our PiSPEC™ and Prover iLock™ solutions are used to specify, code, simulate and formally verify a wide variety of systems, including interlocking, CBTC, ERTMS, ATP and PTC. We also provide the software IP and training needed to enable our customers to meet strict certification requirements at reasonable cost.

Prover was founded in 1989 in Stockholm, Sweden. The company has subsidiaries in the US and France. It is privately owned by investors and staff, and has customers in more than 25 countries.

**PROVER**® [www.prover.com](http://www.prover.com)

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