Certified PREEvision Configurator

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Delivery Format:	This Course is offered in Classroom **or** in Remote Format
Duration:	Classroom: 8 days Remote: 47 hours (exam included). Some content is given as homework.
Target Group:	PREEvision Application Engineers
Prerequisites:	Basic PREEvision Training (e.g. Software Engineering), ideally one year of PREEvision experience, Java Knowledge
Goal:	Certification "Certified PREEvision Configurator"

1. Fundamentals of PREEvision's rule model

- Meta Model exploration
- Using queries
- Consistency checks
- Propagation rules

2. Creating rules

- Rule modeling
- Consistency rules
- Model queries
- Propagation rules
- MeDeLas
- Utilities
- Generation of rules
- Usage of rules

3. Metrics in PREEvision

- Metric diagrams
- Metric blocks
- Exploring the meta model
- Programming metrics
- Run metrics in contexts
- Logging and debugging of metrics
- Customized blocks

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4. Tables

- Creating table templates
- Defining own columns
- Rules in tables
- Metrics in tables
- Table settings
- Table prototype
- Table explorer

5. Repetition

- Repetition of topics 1-4
- Review of homework

6. Reports in PREEvision

- Report templates
- Defining contexts
- Placeholders
- Using rules and metrics in reports

7. Perspective configuration in PREEvision

- Layout
- Perspective configuration
- Filters
- Portlet-View

8. Life cycles

- Managing processes with life cycles
- Creating life cycles
- Life Cycle trigger, constraints and actions
- Activating life cycles

9. Automated configuration testing

- Test of rules and tables
- Test of metrics with AssertJ

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10. Repetition

- Repetition of topics 6-9
- Review of Homework

11. Configuration delivery

- Initialization of product default configuration
- Customer specific configuration delivery by Add-ins

12. Customization of add-ins

- Create own Add-ins based on product Add-ins
- Update of customized Add-ins

13. Configuration guideline

- Orientation in configurations
- Naming and structure of configurations
- Do's and Dont's of PREEvision configuration

14. Preparation for examination

- Self-study
- Question and Answer

15. Exam

- Theoretical exam
- Practical exam