Profile

Dipl.-Inf. Paul-Roux Wentzel

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Profile

Dipl.-Inf. Paul-Roux Wentzel

05.05.1977 in Berlin

Immenstadt im Allgäu, 09.10.2026

PERSONAL INFORMATION

How can I support you? I am an experienced and reliable Consultant who will help you solve your problems.

I offer **Consulting, Coaching, Trainings** and **Project Support** in system and software development.

I provide you with **practical experience** from more than **27 years** of consulting and engineering in more than **47 English and German** projects and with my knowledge from more than **255** performed trainings and **35 publications**.

Among my customers are well-known companies in **finance, automotive, telecommunications, healthcare** and **defence** such as Siemens, Cortal Consors, Continental, T-Systems and Raytheon Anschütz.

I am the author of **three books** (currently only available in German): "Implementation of SPICE in Organizations. A practical Guide", "Improving processes with CMMI" and “Project Portfolio Management in IT”.

I support you together with my **partners** with Presentations, Consulting, Coaching, Trainings and Project Support for the following topics:

- Soft Skills
- Systems Engineering
- Requirements Engineering
- Functional Safety
- System- & Software Architecture
- Test & Quality Assurance
- Tool Evaluation and Rollout
- Project Management
- Process Improvement according to CMMI & SPICE

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CUSTOMERS

ANECON

Bosshard & Partner
Unternehmensberatung

Continental

WaveLight

SalesPark01

methodpark

GFT

MARQUARDT

finnov

FERCHA

emagir

OPITZ CONSULTING

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REFERENCES

Continental AG (I)

„Paul-Roux Wentzel was a very important member of our IBM Jazz team.

Her helped to define the requirements for the new ALM-Tool IBM Jazz, supported with the decision to introduce IBM Jazz at Continental and developed the main concepts for the usage of and migration to IBM Jazz.

Later he trained our colleagues all over the world in the usage of IBM Jazz, supported our users and coordinated the test management.

Paul-Roux Wentzel supported us to our utmost satisfaction.

His very good analytical skills, large experience, his skill to alway see the big picture, his team and soft skills allowed him zu solve even the most difficult problems in an highly dynamic environment."

Matthias Watzal, Leiter SAM Tool-Management

SVA System Vertrieb Alexander GmbH

„Paul-Roux Wentzel consults our team regarding Engineering Life Cycle Management and IBM Jazz. Due to his broad and also detailed knowledge, his high social competence and his reliability he also supports us with consulting our customers."

Karsten Sikora, Head of Competence Center Engineering Lifecycle Management (ELM)

Opitz Consulting Deutschland GmbH

„On our behalf Paul-Roux Wentzel leads two subprojects for one of our biggest international customers. The subprojects are part of an important strategic project to introduce IBM Jazz as a new Application Lifecycle Management Tool for electronics development and autonomous driving. The collaboration with Mr. Wentzel is competent, pleasant, based on respective trust and is to the advantage of both parties."

Christoph Junk, Senior Manager Sales

Ferchau GmbH

„Paul-Roux Wentzel is working on site for one of our most important international customers. His activities include operating and developing a Requirement Management System in a complex environment. Because of his vast experience the project is conducted very competently. We and our customer completely trust Mr. Wentzel."

Dietmar Schönherr, Business Manager IT

Finnova AG

„Paul-Roux Wentzel has very competently performed Requirements Engineering trainings to the highest satisfaction of all participants. These trainings were the foundation of a

common understanding of Requirements Engineering among our business analysts. These trainings were the starting point for our process improvement activities.

We commissioned Mr. Wentzel based on a recommendation of sofismo AG and Fahney Anforderungsingenieurwesen GmbH. For future trainings and consulting regarding business analysis and requiements engineering we would very much like to work with these partners again."

Wolfgang Irowec, Head of Business Analysis

Continental AG (II)

„One of the critical points when rolling out a business critical tool as PTC Integrity is the training of the users. We received professional support from Method Park and Paul-Roux Wentzel in creating and improving the training material and in performing the training at our several international locations.

The trainers have very quickly understood the way of working in our business unit and are able to convey this to the users. By these very specific and practical tool trainings a quick rollout of PTC Integrity configured with the Continental configuration IMS can be achieved.

Oliver Bernert, BU Engine Systems, IMS Rollout Manager

ANECON Software Design and Consulting GmbH

„In cooperation with Paul-Roux Wentzel and Fahney Anforderungsingenieurwesen GmbH the ANECON Software Design und Beratung GmbH performed from March 2011 to March 2013 as an important addition to our product and training portfolio accredited requirements engineering trainings in order to prepare our customers for the IREB certificate.

Our customers, too, have assessed these trainings as very good and gave feedback that the trainings added real value to them and their companies.

We also had our own employees trained. By doing this, our company reached a level of knowledge that enabled us to consult and coach our own customers to their fullest satisfaction. Additionally, we were able to build up our own IREB training.

We thank Paul-Roux Wentzel and Fahney Anforderungsingenieurwesen GmbH for the extremely successful cooperation."

Dr. Johannes Adler, CEO ANECON Software Design and Consulting GmbH

Bosshard & Partner

"Since autumn 2010, Paul-Roux Wentzel and Fahney Anforderungsingenieurwesen GmbH cooperate with us. On our behalf they provide IREB® registered public trainings for Requirements Engineering as well as individual trainings at our customers' sites. The cooperation with both partners is exceptionally productive and trustworthy. They perform their trainings in a highly professional manner and to the complete satisfaction of our customers.

Bosshard & Partner thanks for and highly appreciates these valuable business relationships, and is looking forward to further cooperation."

Claude Bosshard, CEO, founder and owner of Bosshard & Partner

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Continental AG (III)

„As consultant, Paul-Roux Wentzel supported our SPICE-improvement program for our customer projects with his knowledge and experience. With his support we were able to perform customer audits to the highest satisfaction of our customers. Paul-Roux Wentzel has our full trust in all matters of SPICE and process improvement."

Martin Maasz, BU Fuel Supply / Procedures and Processes Engineering

Marquardt GmbH

„Mr. Paul-Roux Wentzel created a Training adapted to our needs regarding Requirements Engineering with DOORS. In this training he included our processes, our tools and his great knowledge about Requirements Engineering. He conducted the training at several Marquardt locations. For the participants the trainings were very informative, lively and completely satisfied their expectations."

Werner Horn, Human Resources / CHD-RI

Continental AG (IV)

„Paul-Roux Wentzel is a most important part of our Tool Management team. He supported our internal customers to their uttermost satisfaction for the requirements and change management tool MKS RM / IM. Additionally, he improved our processes according to ITIL V3 and helped realizing a new information model for our change management system. We owe him the introduction of a systematic knowledge management. His great work experience, his quick grasp of even the most complicated problems, his excellent team playing and soft skills allow him to solve the most difficult problems in a highly dynamic environment."

Helge Landgraf, Head of EBS Tool-Management

WaveLight GmbH

„Paul-Roux Wentzel with his experience and competence has played a leading role in introducing and rolling out the requirements engineering tool CaliberRM in our company. As our consultant, he accompanied the introduction of the tool from the definition, configuration, training and piloting up to the rollout. Thanks to his professional support we could adapt and introduce the tool exactly to the needs of our projects."

Mr. Christian Wüllner, Director Application Development

SalesParkOne GmbH

„Paul-Roux Wentzel conducts several consulting projects on our behalf for our customers. The cooperation is very competent, reliable and is based on a great mutual trust. Paul-Roux Wentzel fulfills our customers highest standards. We are highly satisfied with his work."

Mr. Thomas Albert, CEO

Method Park Software AG

„With Paul-Roux Wentzel we managed to acquire a competent and reliable partner. On our behalf he conducts projects to the highest satisfaction of our customers. We draw on his professional support for trainings and projects regarding the topics Requirements Engineering, Systems Engineering and process improvement according to SPICE."

Dr. Holger Höhn, Teamleader Consulting

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GFT Resource Management GmbH

„Paul-Roux Wentzel performs an IT project in our name for an international automotive supplier. The cooperation with Paul-Roux Wentzel is based on trust, reliability and competence. We and our customer are both highly satisfied with his performance.

Verena Wenzel, Senior Sales Consultant

PARTNERS

FAHNEY
Anforderungsingenieurwesen

anywhe

HB

CURRICULUM VITAE

Freelance Consultant (12/2009 – now)

Consultant at Method Park Software AG (04/2006 – 12/2009)

Product developer at Method Park Software AG (01/2006 – 03/2006)

Software engineer at Method Park Software AG (02/2002 – 12/2005)

Internship as software engineer at 3Soft GmbH, Focus on components, CORBA, embedded systems (06/2001 – 12/2001)

Tutor for first-year students of computer science at the university of Erlangen (11/1999 – 12/2000)

Software Engineer and module tester at Selltec GmbH (08/1999 – 10/1999)

Trainer for the lecture Theoretical computer science at the university of Erlangen (05/1999 – 07/2000)

Research assistant at the computing centre of the Friedrich-Alexander-University (01/1998 – 12/1998)

Studied computer science at the Friedrich-Alexander-University Erlangen-Nurnberg; Completion with a diploma degree in computer science (11/1996 – 12/2001)

PC administration and support at the French Army (Airbase 102 de Dijon, France) (10/1995 – 07/1996)

TRAINING

IBM Jazz Overview

IBM Jazz DOORS NextGen Foundation and Administration

IBM Jazz Rhapsody Model Manager Foundations

IBM Jazz Rational Quality Manager Foundations

IBM Jazz Rational Team Concert Workflow and SCM

IBM Jazz Global and Local Configuration Management

Jira Essentials

IntCCM® Certified Configuration Manager

How to Lead teams

iNTACS® Certified Provisional Assessor (Automotive SPICE)

SEI® Introduction to the Capability Maturity Model Integration (CMMI®)

IREB® Certified Professional for Requirements Engineering

iSQI® Certified Professional for Project Management

IEC 61508 for safety critical Systems

Professional Software project managements

Management of software projects

Sell and act like a salesman

Telelogic Certified Professional for DOORS (Processes and Methods)

Telelogic Using DOORS for Requirements Management

iSQI® Certified Professional for Software-Architecture

ISTQB ® Certified Tester Full Advanced Level

ISTQB ® Certified Tester Advanced Level Functional Tester

ISTQB ® Certified Tester Advanced Level Technical Tester

ISTQB ® Certified Tester Advanced Level Test manager

ISTQB ® Certified Tester Foundation Level

SPICE

Introduction to the V-Modell XT

Presentation and moderation

Networks; Training of the RRZE (Computing centre of the University of Erlangen)

Unix; Training of the RRZE (Computing centre of the University of Erlangen)

TRAINING SKILLS

IBM Jazz Overview and IBM Jazz DNG, RTC, RQM, SCM, RMM, GCM

Systems Engineering practice with SysML

IREB® Certified Professional for Requirements Engineering

Test of embedded Systems

ISTQB© Certified Tester Foundation Level

ISTQB© Certified Tester Advanced Level Test Manager

ISTQB© Certified Tester Advanced Level Technical Tester

ISTQB© Certified Tester Advanced Level Functional. Tester

Using DOORS

Hands-On-Workshop Requirements Engineering und SPICE

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PROJECTS

Test Manager for the Deployment of new IBM Jazz Versions.

Anstellung:	Freelance Consultant
Kunde:	Continental AG, Opitz GmbH, IBM
Domäne:	Automotive
Teamgröße:	50 Persons
Projektbeteiligung:	0,5 Years
Zeitraum:	06/2024 – 04/2025
Rolle:	Test Manager
Projektumgebung:	IBM Jazz, BMC Helpdesk, Jira / JSD

Developer and consultant for automation, customer specific extensions and migration for IBM Jazz.

Anstellung:	Freelance Consultant
Kunde:	Continental AG, Opitz GmbH, IBM
Domäne:	Automotive
Teamgröße:	10 Persons
Projektbeteiligung:	2 Years
Zeitraum:	06/2023 – 04/2025
Rolle:	Developer and Consultant
Projektumgebung:	IBM Jazz, Python, OSLC, REST, BMC Helpdesk, PyCharm, Postman, Jenkins

Consultant and trainer to enhance knowledge of a team of consultants regarding IBM Jazz. Also support of concept reviews for several customera was part of the engagement.

Employment:	Freelance Consultant
Customer:	SVA System Vertrieb Alexander GmbH, HELLA GmbH, thyssenkrupp AG
Domain:	Automotive
Team:	10 Persons
Involvement:	12 Days
Time Period:	03/2021 – 12/2022
Role:	Trainer, Consultant
Project Environment:	IBM Jazz

Lead for the development, piloting and rollout of product line engineering concepts in the context of the application life cycle management tool IBM Jazz. Product Line Engineering contains with the topics reuse, configuration management, variant management and traceability. The engagement included process and method development, use case definition, concept development and -implementation, creation of detailed work instructions und coaching und consulting of the business units.

Employment:	Freelance Consultant

Customer:	Continental AG, Opitz GmbH, IBM
Domain:	Automotive
Team:	40 Persons
Involvement:	3 years
Time Period:	01/2021 – 12/2023
Role:	Project Lead, Consultant and Developer
Project Environment:	IBM Jazz, Pure Variants, Confluence, Jira

Creation and execution of trainings (onsite and online trainings) for the Application Lifecycle Management Tool IBM Jazz.

Employment:	Freelance Consultant
Customer:	Continental AG, Method Park Software AG
Domain:	Automotive
Team:	5 Persons
Involvement:	80 Consulting and Training Days
Time Period:	01/2019 – 12/2023
Role:	Trainer
Project Environment:	IBM Jazz, Pure Variants

Trainer for a team of consultants in a program to gain know how regarding IBM Jazz.

Employment:	Freelance Consultant
Customer:	MHP Management- und IT-Beratung GmbH
Domain:	Automotive
Team:	10 Persons
Involvement:	5 days
Time Period:	04/2019 – 06/2019
Role:	Trainer
Project Environment:	IBM Jazz, Pure Variants

Consultant and Developer for the evaluation of a Requirements Management tool with focus on Reuse and Variant Management. Activities include requirements elicitation for the future RM tool, a market research regarding available RM tools, evaluating and assessing the tools against the requirements and finally selecting a tool (IBM DOORS NG und Pure Variants) for further evaluation, piloting and rollout.

Employment:	Freelance Consultant
Customer:	Continental AG, Method Park Software AG, IBM
Domain:	Automotive
Team:	8 Persons
Involvement:	5+ years
Time Period:	06/2017 – 12/2023
Role:	Consultant and Developer

Project Environment:	IBM DOORS NG, Siemens Polarion, Code Beamer, Pure Variants

Consultant and Developer for a Diff- and Merge tool for reused requirement documents in PTC Integrity. Activities include consulting the customer, requirements analysis, software design, development and test. The goal of the project is to make requirements reuse possible in a strongly platform oriented environment.

Employment:	Freelance Consultant
Customer:	Continental AG, Method Park Software AG
Domain:	Automotive
Team:	3 Persons
Involvement:	9 Months
Time Period:	04/2014 – 12/2022
Role:	Consultant and Developer
Project Environment:	MKS, Redmine, Eclipse, Ant, CPlace

Product Owner for the development of support tools for MKS. Activities include the execution of several Scrum projects, in detail requirements elicitation and analysis, test, deployment and project planning, monitoring and control. The goal of these projects was to increase effectiveness and efficiency by providing support tools for repetitive tasks in requirements reuse. In detail a diff and merge tool and a traceability graph for reused requirements were developed.

Employment:	Freelance Consultant
Customer:	Continental AG, Method Park Software AG
Domain:	Automotive
Team:	5 Persons
Involvement:	36 Months
Time Period:	01/2012 – 12/2014
Role:	Product Owner
Project Environment:	MKS, Redmine

Creation and execution of trainings for the Requirements and configuration management tool MKS in Germany, France, India, China, South Korea and Rumania.

Employment:	Freelance Consultant
Customer:	Continental AG, Method Park Software AG
Domain:	Automotive
Team:	15 Persons
Involvement:	80 Consulting and Training Days
Time Period:	10/2011 – 12/2014
Role:	Trainer
Project Environment:	MKS, Sharepoint

Consulting of the customer in order to reach SPICE level 2. The consulting included a gap analysis according to SPICE, workshops to define and tailor SPICE level 2 conformant processes and coaching of the process implementation. The goal of the project is to fulfil the customer requirement concerning the SPICE Assessment.

Employment:	Freelance Consultant
Customer:	Continental AG
Domain:	Automotive
Team:	15 Persons
Involvement:	15 Consulting Days
Time Period:	10/2010 – 01/2012
Role:	Consultant
Project Environment:	Method Park Stages, MS Office, MKS, DOORS

Support of a team to enhance and support MKS RM and TM: The goal was to provide continuous support for projects and users for the development tool MKS TM and RM. An additional task was the definition of the information model for an organisation wide uniform information model. Specific tasks were analysis, design, implementation and test of support cases according to ITIL and analysis and design of the new information model based on stakeholder requests.

Additionally, the task to streamline the processes according to ITL and define and introduce a knowledge management process was successfully completed. This amounted to 25% savings.

Employment:	Freelance Consultant
Customer:	Continental AG
Domain:	Automotive
Team:	15 Persons
Involvement:	10 years
Time period:	04/2010 – 12/2022
Role:	Consultant
Project environment:	ITIL, MKS SI, IM und RM, DOORS, Method Park Stages, MS Office, Lotus Notes, HP Service Manager, Wiki, MS SharePoint, Adobe Robohelp, Eclipse, Java, Javascript, Perl, HTML, RIF, XHTML, XSLT

Definition of the information architecture for the requirements engineering tool CaliberRM, Implementation of the information architecture in and configuration of CaliberRM, creation and performance of a training for CaliberRM for designated key users and administrators, coaching of the users during the piloting and rollout of CaliberRM. The goal of the project was to improve the requirements engineering by introducing a requirements engineering tool.

Employment:	Freelance Consultant
Customer:	Wavelight AG
Domain:	Medical
Team:	10 Persons
Involvement:	20 consulting days

Time period:	05/2010 – 07/2011
Role:	Consultant
Project environment:	CaliberRM, MS Office

Creation and performance of method trainings „Requirements Engineering with DOORS". The goal of the project is to train the projects in company specific requirements engineering methods and the DOORS configuration.

Employment:	Freelance Consultant
Customer:	Marquardt GmbH
Domain:	Automotive
Team:	4 Persons
Involvement:	9 Consulting Days
Time Period:	01/2011 – 07/2011
Role:	Consultant, Trainer
Project Environment:	Method Park Stages, MS Office, DOORS, Serena Dimensions

Coordination of the book project „SPICE im Unternehmen einführen ". Coordination of the other authors, planning and controlling of milestones with the authors and the publisher. Writing parts of the book.

Employment:	Freelance Consultant, Method Park SW AG
Customer:	**-**
Domain:	Training, Finance
Team:	12 Persons
Time period:	07/2008 – 03/2010
Role:	Project manager, Author
Project environment:	Method Park Stages, MS Office

Consulting for the process improvement of a development process according to SPICE level 3 including process definition, piloting and rollout for a leading development company of semiconductors. The process was assessed at SPICE Level 3.

Employment:	Freelance Consultant, Method Park SW AG
Customer:	NEC Electronics (Europe) GmbH (Renesas Electronics Corporation)
Domain:	Automotive
Team:	7 Persons
Involvement:	10 Consulting days
Time period:	07/2007 – 01/2010
Role:	Consultant
Project environment:	MKS SI, MKS RM, MS Office

Preparation of a project team for an automotive SPICE level 3 assessment for an international automotive supplier: The project team was facing an assessment by the

customer. By coaching the team for the assessment the best possible assessment result could be achieved.

Employment:	Freelance Consultant, Method Park SW AG
Customer:	Continental AG
Domain:	Automotive
Team:	15 Persons
Involvement:	15 Consulting days
Time period:	10/2009 – 01/2010
Role:	Consultant
Project environment:	MKS SI, IM und RM, DOORS, Method Park Stages

Consulting of a development company of distributed embedded solutions for buildings on the topics system design, project management, change management and requirements engineering. The project was about to be terminated unsuccessfully and by identifying and solving the most important problems the project could be terminated successfully.

Employment:	Freelance Consultant, Method Park SW AG
Customer:	Insta GmbH
Domain:	Solutions for buildings
Team:	5 Persons
Involvement:	13 Consulting days
Time period:	06/2007 – 03/2008; 01/2010
Role:	Consultant
Project environment:	Rhapsody, Buggenie, Subversion, Enterprise Architect, Jira, Arcway Cockpit

Coordination of the creation of a systems engineering training.

Employment:	Freelance Consultant, Method Park SW AG
Customer:	**-**
Domain:	Training
Team:	3 Persons
Time period:	10/2007 – 04/2008; 04/2010
Role:	Seminar writer
Project environment:	Method Park Stages, MS Office

Coordination and improvement of a requirements engineering training based on the IREB syllabus.

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Employment:	Freelance Consultant, Method Park SW AG
Customer:	**-**
Domain:	Training
Team:	4 Persons
Time period:	10/2005 – 04/2006, 02/2010
Role:	Seminar writer
Project environment:	Method Park Stages, MS Office

Planning and moderating workshops, visiting conferences and giving trainings on the topic of requirements engineering in English and German.

Employment:	Freelance Consultant, Method Park SW AG
Customer:	Audi AG, Giesecke & Devriant GmbH, Daimler AG, Eplan GmbH & Co. KG, Cortal Consors S.A., T-Systems GmbH, Continental AG in Germany, Mexico, USA and China, Vodafone Group, Insta Elektro GmbH, Marquardt GmbH, Wago Kontakttechnik GmbH, Bundesagentur für Arbeit, Mercury GmbH, Public Trainings in Erlangen, Berlin und Stuttgart for the Method Park SW AG, Public Trainings for Bosshard and Partner in Zurich, Robert Seuffer GmbH & Co.KG, Lufthansa Cargo AG, Public Trainings for Anecon GmbH in Vienna, NKK Consulting AG, Rehaklinik Bellikon in Zurich, Finnova AG, Polarion GmbH, IAV, Bedag Informatik AG in Bern, Hella Aglaia Mobile Vision GmbH, MED-EL GmbH in Innsbruck, wega Informatik AG in Basel
Domain:	Automotive, Finance, Training, Automation, Building solutions, Public Services, Defence, Software development, Telecommunication, Insurance
Team:	3 – 18 Persons
Time period:	01/2005 - now
Role:	Consultant, Trainer
Project environment:	Borland CaliberRM, Telelogic DOORS, IRQA, MKS RM, Serena Dimensions RM, Arcway Cockpit, MS Office

Planning and moderating workshops, visiting conferences and giving trainings on the topic of systems engineering and functional safety in English and German.

Employment:	Freelance Consultant, Method Park SW AG
Customer:	Siemens AG Healthcare, Raytheon Anschütz GmbH, NEC Electronics (Europe) GmbH (Renesas Electronics Corporation), Baumer Optronic GmbH, Public Trainings in Erlangen
Domain:	Training, Defence, Medical, Measurement Engineering, Navy
Team:	3 – 18 Persons
Time period:	01/2005 - now
Role:	Consultant, Trainer
Project environment:	Borland CaliberRM, Telelogic DOORS, IRQA, MKS RM, Serena Dimensions RM, Arcway Cockpit, MS Office, SysML

Planning and moderating workshops, visiting conferences and giving trainings on the topic of testing in English and German.

Employment:	Freelance Consultant, Method Park SW AG
Customer:	General Motors Corporation (USA), Knorr Bremse AG, Siemens Informations Systemes Ltd. (Indien), SAP AG, Insta Elektro GmbH, Diehl Aerospace GmbH, Telekom AG, Giesecke & Devriant GmbH, Leopold Kostal GmbH, Public Trainings in Erlangen und München
Domain:	Automotive, Training, Automation, Building solutions, Defence, Aviation, Software development, Telecommunication
Team:	3 – 18 Persons
Time period:	01/2005 - now
Role:	Consultant, Trainer
Project environment:	JUnit, Telelogic DOORS, MicTestTool, Tessy, Lint, QAC, MS Office

Planning and moderating workshops, visiting conferences and giving trainings on the topic of software and system design in English and German.

Employment:	Freelance Consultant, Method Park SW AG
Customer:	Insta Elektro GmbH, Artis GmbH, Marquardt GmbH
Domain:	Automotive, Automation, Building solutions
Team:	3 – 18 Persons
Time period:	01/2005 - now
Role:	Consultant, Trainer
Project environment:	Rational Rose, Together/J, MS Visio, Poseidon Gentleware, Telelogic Rhapsody Modeler, Enterprise Architect, MS Office, UML

Planning and moderating workshops and assessments according to CMMI and SPICE,

Employment:	Freelance Consultant, Method Park SW AG
Customer:	BDT AG, Artis GmbH, EBM Pabst Gruppe, Helbako GmbH, Insta Elektro GmbH, MKS Inc.
Domain:	Automotive, Automation, Building solutions
Team:	3 – 18 Persons
Time period:	01/2005 - now
Role:	Consultant, Trainer
Project environment:	MS Office

Requirements engineering coaching to create system specifications for an international automotive supplier. The project team was about to pilot a new requirements engineering process and by coaching the team it was successfully able to do so.

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Employment:	Method Park SW AG
Customer:	Continental AG
Domain:	Automotive
Team:	10 Persons
Involvement:	10 Consulting days
Time period:	06/2009 – 12/2009
Role:	Coach
Project environment:	MKS SI, IM und RM, DOORS, Method Park Stages

Definition of an information model for MKS RM and creation and performance of a customized requirements engineering training for an international automotive supplier (Germany, Hungary). Due to the consulting the customer was able to configure and introduce the new requirements engineering tool MKS RM.

Employment:	Method Park SW AG
Customer:	Knorr Bremse AG
Domain:	Automotive
Team:	30 Persons
Involvement:	10 Consulting days
Time period:	06/2008 – 12/2008
Role:	Consultant
Project environment:	MKS SI, IM und RM

Definition of an information model for MKS TM for an international automotive supplier (Germany, Hungary). Due to the consulting the customer was able to configure and introduce the new test management tool MKS TM.

Employment:	Method Park SW AG
Customer:	Knorr Bremse AG
Domain:	Automotive
Team:	30 Persons
Involvement:	10 Consulting days
Time period:	01/2009– 12/2009
Role:	Consultant
Project environment:	MKS SI, IM und TM

Concept for a SPICE level 3 conformant tool configuration. Due to consulting the tool developer was able to establish and sell a SPICE compliant tool configuration.

Employment:	Method Park SW AG
Customer:	Serena ®
Domain:	Software development
Team:	4 Persons
Involvement:	5 Consulting days
Time period:	01/2009 – 03/2009
Role:	Consultant
Project environment:	Serena Dimensions, Serena Business Mashups

Creation of a process definition, creation and performance of a customized requirements engineering training for an automotive supplier. In order to adapt the processes from ISO 15504 TR to Automotive SPICE the customer needed expert to rewrite the process description. In order to roll out the adapted process, a customized 1-day-training was created and given throughout the organization.

Employment:	Method Park SW AG
Customer:	Marquardt GmbH
Domain:	Automotive
Team:	5 Persons
Involvement:	16 Consulting days
Time period:	06/2008 – 12/2008
Role:	Consultant
Project environment:	IRQA

Coordination of the book project „Mit CMMI Prozesse verbessern!". Coordination of the other authors, planning and controlling of milestones with the authors and the publisher. Writing parts of the book.

Employment:	Method Park SW AG
Customer:	**-**
Domain:	Training
Team:	12 Persons
Time period:	03/2007 – 09/2008
Role:	Project manager
Project environment:	Method Park Stages

Coordination of a project for the definition of a coaching process. The employer wanted to create and sell coaching as a service. In order to do that, the service had to be defined.

Employment:	Method Park SW AG
Customer:	**-**
Domain:	Process improvement
Team:	3 Persons
Time period:	09/2007 – 12/2007
Role:	Project manager
Project environment:	Method Park Stages

Consulting for the piloting of a development process according to SPICE level 3 for an international automotive supplier. The starting point was a defined process compliant to SPICE level 3. This process needed to be improved and rolled out into several projects. By tailoring the process and coaching the team I was able to successfully help rolling out the process.

Employment:	Method Park SW AG
Customer:	Preh GmbH
Domain:	Automotive
Team:	5 Persons
Involvement:	40 Consulting days
Time period:	03/2007 – 05/2008
Role:	Consultant
Project environment:	Method Park Stages, DOORS, Testtrack Pro, Surround SCM

Improvement of the training Certified Tester Foundation level based on the ISTQB syllabus 2005.

Employment:	Method Park SW AG
Customer:	**-**
Domain:	Training
Team:	3 Persons
Time period:	10/2005 – 01/2006
Role:	Seminar writer
Project environment:	Method Park Stages

Creation of a syllabus for a DOORS user training.

Employment:	Method Park SW AG
Customer:	**-**
Domain:	Training
Team:	2 Persons
Time period:	10/2005 – 02/2006
Role:	Seminar writer
Project environment:	Method Park Stages

Performance of Automotive SPICE compliant requirements engineering, change management and failure management and support of the introduction of Use Cases in DOORS for an international automotive supplier.

Employment:	Method Park SW AG
Customer:	Delphi Delco Electronics Europe GmbH
Domain:	Automotive
Team:	100 Persons
Involvement:	15 months
Time period:	10/2005 – 02/2007
Role:	Systems Engineering Lead, Coach
Project environment:	PVCS Tracker, DOORS, CM Synergy, Automotive SPICE®

Definition of a SPICE level 3 conformant software development process with focus on the requirements process. This included the development of a requirements specification template.

Employment:	Method Park SW AG
Customer:	**-**
Domain:	Service Provider
Team:	4 Persons
Time period:	10/2005 – 10/2006
Role:	Process Engineer
Project environment:	Method Park Stages

Elicitation, analysis and documentation of system requirements for shock absorbers for cars with CAN communication. Methods used were use case analysis and requirements analysis. The organization was certified to SPICE Level 3.

Employment:	Method Park SW AG
Customer:	Continental AG
Domain:	Automotive
Team:	10 Persons
Involvement:	20 Consulting days
Time period:	08/2005 – 09/2005
Role:	Requirements Engineer
Project environment:	MKS RM, MKS Source Integrity, MKS Integrity Manager, MS Visio, Method Park Stages, HIS-Scope of SPICE

Elicitation, analysis and documentation of system requirements for independent vehicle heaters in cars with CAN communication. Methods used were use case analysis and requirements analysis. The organization was certified to SPICE Level 3.

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Employment:	Method Park SW AG
Customer:	Webasto GmbH
Domain:	Automotive
Team:	5 Persons
Involvement:	4 Months
Time period:	03/2005 – 07/2005
Role:	Requirements Engineer
Project environment:	Borland Caliber RM, MS Visio, HIS-Scope of SPICE

Consulting for testing, development, project management, release management, requirements management, change management, design and test of a unit test tool.

Employment:	Method Park SW AG
Customer:	Micronas Semiconductor Holding AG
Domain:	Semiconductors
Team:	6 Persons
Involvement:	11 Months
Time period:	03/2004 – 02/2005
Role:	Consultant, project manager and Software Engineer
Project environment:	Java, C++, C, Eclipse, MS Visio, Framemaker

Design, development and test of different modules and frameworks for an infotainment system for an international automotive supplier. Responsibility for a persistency framework and acoustic and visual route guidance. The process required participance in the requirements, change management, design and configuration management activities.

Employment:	Method Park SW AG
Customer:	Grundig AG
Domain:	Automotive
Team:	40 Persons
Involvement:	22 Months
Time period:	04/2002 – 02/2004
Role:	Requirements Engineer, Software Engineer and Architect
Project environment:	C++, Rational Rose, Rational Clearcase, QNX

Integration of the configuration management tool MKS SI into the web based tool Stages.

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Employment:	Method Park SW AG
Customer:	**-**
Domain:	Web applications
Team:	2 Persons
Involvement:	1 Month
Time period:	03/2002
Role:	Software Engineer
Project environment:	Eclipse, JUnit, Method Park Stages

Design and development of a CORBA based component model for embedded systems in C++.

Employment:	3soft GmbH
Customer:	**-**
Domain:	Embedded development
Team:	2 Persons
Involvement:	6 Months;
Time period:	04/2001 -10/2001
Role:	Software Engineer and Architect
Project environment:	C++, CORBA, Together/J

Development of a configuration tool, a parser and integration of a payment system into an online shop.

Employment:	Selltec GmbH
Customer:	**-**
Domain:	Web applications
Team:	2 Persons
Involvement:	3 Months
Time period:	08/1999 – 10/1999
Role:	Software Engineer
Project environment:	Java, Xerces

Development of an automated consistency check of a X500 database

Employment:	Computation Center of the University of Erlangen
Customer:	**-**
Domain:	University
Team:	2 Persons
Involvement:	12 Months
Time period:	01/1998 – 12/1998
Role:	Software Engineer and Architect
Project environment:	X500, Perl, Unix

Trainer for the lecture of Theoretical Computer Science I & II

Employment:	University of Erlangen
Customer:	**-**
Domain:	University
Team:	5 Persons
Time period:	05/1999 – 07/2000
Role:	Trainer
Project environment:	Unix

Tutor for first-year students of computer science

Employment:	University of Erlangen
Customer:	**-**
Domain:	University
Team:	5 Persons
Time period:	11/1999 – 12/2000
Role:	Coach
Project environment:	Unix

Administrator for PCs and Software

Employment:	French Army
Customer:	**-**
Domain:	Defense
Team:	4 Persons
Time period:	10/1995 – 07/1996
Role:	Administrator
Project environment:	Windows, MS Office

PUBLICATIONS, PRESENTATIONS & CONFERENCES

P. Wentzel: Successful process architectures for successful projects, Contribution to the book Project Portfolio Management in IT, Symposium Publishing, June 2012

P. Wentzel: Human Requirements Engineering: Scenario Quality Management – Blocking of Reviews, Publication on the subject of requirements engineering on www.anywhere24.com, February 2012

P. Wentzel: The IREB Framework for Requirements Engineering, Interview on the subject of Requirements Engineering, www.bosspub.ch, October 2011

P. Wentzel: Human Requirements Engineering: Scenario Risk Management – Do not accept risks, Publication on the subject of requirements engineering on www.anywhere24.com, October 2011

P. Wentzel: Human Requirements Engineering: Scenario Change Management – Uncritical acceptance of change requests, Publication on the subject of requirements engineering on www.anywhere24.com, April 2011

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P. Wentzel, J. Ullrich: Software-Entwicklung – Passt das? (Software Development – Does it fit?) Automotive-SPICE-Level 2: Software Development at a Chip Producer, Publication on the subject of SPICE and Process Improvement, Elektronik Automotive, Issue 9.2010, September 2010

P. Wentzel: Customer Success Knorr-Bremse: Introduction of a Requirements Management Tool at Knorr-Bremse, Success Story with the customer Knorr-Bremse, www.methodpark.de, August 2010

P. Wentzel: Customer Success Marquardt: Improvement and Training of a Requirements Engineering Process, Success Story with the customer Marquardt, www.methodpark.de, August 2010

J. Ullrich, P. Wentzel: Customer Success Renesas: More effective software development according to SPICE, Success Story with the customer Renesas, www.methodpark.de, August 2010

P. Wentzel: Tricks and Tipps for Traceability: Traceable Requirements, Publication on the topic of traceability, Anywhere.24 Newsletter, May/June/July 2010

J. Ullrich, P. Wentzel: Customer Success Renesas; More effective development with SPICE, Success Story of a SPICE improvement project with Renesas, Method Park Newsletter, April 2010

P. Wentzel, J. Schmied, U. Hehn, M. Gerdom: "SPICE im Unternehmen einführen. Ein praktischer Leitfaden" (Implementation of SPICE in Organizations. A practical Guide), Book on the subject of process improvement and SPICE, dpunkt, March 2010

P. Wentzel: „Was sagt CMMI zu Requirements Engineering?" (What does CMMI have to say about requirements engineering?), Presentation on the subject of CMMI at the ISQI group Maturity Models, February 2010

P. Wentzel, G. Fessler, C. Hertneck: „Alles für die Tonne?" (Everything in vain?), Publication on the topic of process improvement, Automobil Elektronik, Issue 6, December 2009

P. Wentzel: „Wie komme ich zu nachvollziehbaren Anforderungen" (How to establish traceable requirements), Publication on the subject of requirements engineering, Proceedings of the conference for Embedded Software Engineering (ESE), December 2009

P. Wentzel: „Wie komme ich zu nachvollziehbaren Anforderungen" (How to establish traceable requirements), Presentation on the subject of requirements engineering at the conference for Embedded Software Engineering (ESE), December 2009

P. Wentzel: "Anwendungsfälle: Das A und O des Requirements Engineering" (Use Cases: The essence of requirements engineering), Webcasts on the subject of requirements engineering at Method Park Software AG, October 2009

J. Schmied, P. Wentzel, M. Gerdom, U. Hehn: "Ausgereift. Mit CMMI Prozesse verbessern!", Publication on the subject of CMMI in iX kompakt, Issue 03.2009, October 2009

P. Wentzel, U. Becker: „Das Netz der Traces knüpfen" (Creating the traceability net), Publication on the subject of Traceability, in: Management und Qualität, Issue 09/2009, September 2009

P. Wentzel: "Was sagt CMMI zu Requirements Engineering?" (What does CMMI have to say about requirements engineering?), Webcasts on the subject of requirements engineering at Method Park Software AG, September 2009

P. Wentzel: Requirements Engineering: "Welche Fehler Sie auf keinen Fall begehen dürfen" (The biggest mistakes in requirements engineering), Webcasts on the subject of requirements engineering at Method Park Software AG, August 2009

P. Wentzel: "Tick, Trick, Traceability: Tipps und Tricks zu nachvollziehbaren Anforderungen" (Tricks to Traceability: Tips and tricks for traceable requirements), Webcasts on the subject of requirements engineering at Method Park Software AG, July 2009

P. Wentzel: "Anforderungsmanagent-Werkzeuge: Welches ist für Sie das Beste?" (Requirements Management Tools: Which is the best for you?), Webcasts on the subject of requirements engineering at Method Park Software AG, June 2009

P. Wentzel, J. Palluch: "Prozessmodellierungssprachen: eine Übersicht", Publication on the subject of process modeling in "Management und Qualität" and on: http://www.saq.ch/fileadmin/user_upload/mq/downloads/mq_2009_06_inhalt.pdf, June 2009

P. Wentzel, O. Seckinger: "Damit nichts eskaliert: Kommunikation im Requirements Engineering Team", Publication on the subject of requirements engineering in Mechatronik, Issue 5-6, May 2009 and on: http://www.mechatronik.info

P. Wentzel, A. Vlasan: Bessere Prozesse: "Werkzeuge helfen bei der Projektplanung", Publication on the subject of process management tools in Elektronik Journal, Issue 4, May 2009 and on: www. elektronikjournal.com

P. Wentzel, F. Vitiello: "Prozessverbesserung auf Organisationsebene", Whitepaper on the subject of process improvement in the newsletter of Method Park Software AG, April 2009

P. Wentzel: "Ist Requirements Engineering wirklich nötig?" (Is requirements engineering really necessary), Webcasts and presentation on the subject of requirements engineering at Bay For Bio, Method Park Software AG, February 2009

P. Wentzel: "Best Practises beim Halten von Seminaren", Presentation on the subject of soft skills at Method Park Software AG, October 2008

P. Wentzel, H. Höhn: "Consultants: Heilsbringer oder Kompetenzsimulanten?", Presentation on the subject of softskills at Method Park Software AG, October 2008

J. Schmied, P. Wentzel, M. Gerdom, U. Hehn: "Mit CMMI Prozesse verbessern!: Umsetzungsstrategien am Beispiel Requirements Engineering", Book on the subject of process improvement and CMMI, dpunkt, August 2008

P. Wentzel: "Persönliches Zeitmanagement", Presentation on the subject of soft skills at Method Park Software AG, August 2008

P. Wentzel, C. Christophoridis: "SPICE-konforme Toolketten", Webcast on the subject of requirements engineering tools on www.methodpark.de, Juliy2008

P. Wentzel, H. Höhn, M. Gerdom: "Traceability Modell als Erfolgsfaktor für Prozess Enactment", Presentation on the subject of requirements engineering at the conference for Systems Engineering Essentials (SEE), April 2008

G. Chatrath, K. Dussa-Zieger, P. Wentzel: "Traceability – Anspruch und Realität", Presentation on the subject of requirements engineering at the conference for Systems Engineering Essentials (SEE), April 2008

H. Ebert: "Systematisches Requirements Engineering und Management", Review of the book manuscript, February 2008

P. Wentzel, O. Seckinger, Prof. Dr. B. Hindel: "Requirements Engineering", Whitepaper on the subject of requirements engineering on http://www.methodpark.com/us/, October 2007

P. Wentzel, J. Palluch: "Professionelles Anforderungsmanagement in der Lieferantenkette", Publication on the subject of requirements engineering, Elektronik Automotive (Cover page), September 2007

P. Wentzel, O. Seckinger, Prof. Dr. B. Hindel: "Requirements Engineering aus Sicht der Persönlichkeitsanalyse", Publication on the subject of requirements engineering in Objekt Spektrum (Cover page), September 2007

P. Wentzel, J. Palluch: "The Requirements Lasagna: Requirements At All Levels", Whitepaper on the subject of requirements engineering, http://www.methodpark.com/us/, August 2007

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P. Wentzel: "Kochen mit Gewürzen: Anforderungsmanagement und SPICE", Presentation on the subject of SPICE at the conference for Systems Engineering Essentials (SEE), June 2007

P. Wentzel, O. Seckinger, Prof. Dr. B Hindel: "Human Requirements Engineering", Whitepaper on the subject of requirements engineering on www.methodpark.de, March2007

P. Wentzel, Dr. Ing. U. Rastofer: "Requirements Engineering: Leitfaden zum neuen SPICE", Publication on the subject of SPICE in Hanser Automotive, September 2006

P. Wentzel, J. Schmidt: "2 Sichten, 1 Spezifikation", Publication on the subject of requirements engineering in atp, November 2004

T. Posch, K. Birken, M. Gerdom: "Basiswissen Software-Architektur", Review of the book manuscript, dpunkt, October 2004

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P. Wentzel, A. Nenni: "Technische Übersicht über Radio-Navigations-Systeme", Presentation on the subject of radio navigation systems at Method Park Software AG, April 2003

METHODS & TECHNOLOGIES

Maturity Models:	SPICE (ISO 15504), Automotive SPICE®, CMMI, ITIL, ISO26262, IEC 61508
Programming Languages:	Java, C++, C, Perl, Lisp, Prolog, VB, VBA, DXL, Shell script languages, Java Script, Python
Operating Systems:	Windows, Unix, QNX, Linux

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Technologies:	ReqIF/RIF, J2SE, XML, CORBA, ODBC, SQL, JavaBeans, Xerces, CAN, LIN, HTML, XHTML, XSLT, OSLC, REST
Methods:	Systems Engineering, Requirements Engineering, UML, OOA, OOD, DesignPatterns, Use Case Analysis, Test, Error and Change Management, Knowledge Management, Incident Management, Project and Release Management, Product Line Engineering, Traceability, Reuse Management, Variant Management
Development processes:	V-Model, V-Modell XT, Scrum, XP, RUP, FDD, Kanban, SAFe

TOOLS

Processes:	Method Park Stages, MS Office, CPlace
Requirements Engineering:	Borland CaliberRM, IBM DOORS, IBM DOORS Next Generation, IRQA, MKS RM, PTC Integrity RM, Serena Dimensions RM, Arcway Cockpit, Polarion, Pure Variants, Code Beamer
Change Management:	PVCS Tracker, Bugzilla, PTC Integrity Manager, Method Park Stages, Buggenie, Testtrack Pro, Serena Business Mashups, Jira, HP Service Manager, Redmine, IBM Engineering Workflow Management
Design and Architecture:	Rational Rose, Together/J, MS Visio, Poseidon Gentleware, Rhapsody Modeler, Enterprise Architect, IBM Rhapsody Model Manager
Development:	Eclipse, MS Visual Studio, Emacs, Ant, Maven, PyCharm, Postman, Jenkins
Test:	JUnit, Telelogic DOORS, MicTestTool, Tessy, Lint, QAC, PTC Integrity TM, Polarion TM, IBM Engineering Test Management
Configuration Management:	Rational Clearcase, CVS, CM Synergy, PTC Source Integrity, Surround SCM, Subversion, Serena Dimensions CM, GIT, GITHub, IBM SCM
Incident Management:	HP Service Manager, BMC Helpdesk
Knowledge Management:	Wiki, MS SharePoint, Adobe Robohelp, DocToHelp, Webworks Epublisher, Confluence