

# Curriculum Vitae (CV)



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currently

Requirements Engineering / Management / Development & IBM Rational DOORS Consultant / Trainer / Expert

([www.grahlmann.net](http://www.grahlmann.net), worldwide)

*Consultant/Trainer/Expert/Evangelist for IBM Rational DOORS / DOORS Next and/or around all aspects of requirements engineering / management / development (incl. interfaces with verification & validation, change and configuration management, risk, (functional) safety assurance, ...) providing trainings, infrastructure workshops, expertise, consultancy, coaching, internal audits, ...*

*Company examples: 9 months [Dräger Medical](#) (a [Dräger](#) & [Siemens](#) company); 6 months on an [Abbott](#) project; 9 months [Schindler](#) Elevator Corporation; 2 years [Philips](#) / [NXP](#); 4 years [Bombardier Transportation](#); 30 months [Telelogic](#) Associated Partner; 1.5 years [Crown](#); 6 years [RUAG](#); 5 years [u-blox](#); [Magneti Marelli](#); [Sandia](#); [Lockheed Martin](#); [Siemens](#); [NATO](#); [OCCAR](#); [Thales](#); [Thales Alenia Space](#); [CZM](#); [Volkswagen](#); [UKAE](#); ...*

*Industry / product examples: 3D video games, slot machines, elevators, automotive, navigation systems, navy battle ships, nuclear bombs, missile defense systems, (high-speed) trains, locomotives, TV cards, smart cards, car radios, semiconductors, laboratory information/management systems, satellites, medical devices, banks, aircrafts, flight inspection systems, airborne surveillance systems, energy, nuclear fusion, aviation, defence, space, ...*

*Project / task highlights: Process / procedure / guideline development and DOORS tooling setup for major companies; setup and administration of up to multi-billion Euros/CHF/USD (high speed) rail projects (for China, Italy, Switzerland ...); work on [TREK](#) (now [RMF](#)) versions / variants / product line management; development of [iDARM](#) tools automatising and standardising setup and administration of DOORS projects; server and client installations / upgrades / migrations / administration ...; Ensuring compliance to standards and regulations ([TSI](#), [IEC 61508](#) / [ISO 26262](#), [EN 50126](#), [EN 50128](#), [EN 50129](#), [DO 178](#), ...); Development of Requirements Breakdown Structures (functional / non functional areas, sub-systems, ..., [EN 15380](#) ...); Development of Traceability Schema; Development of templates; training and coaching thousands of engineers; ...*

06/2001 - 04/2002	<p>Global Manager Requirements Management (<a href="#">General Electric Medical Systems</a>, Buc - France)</p> <p><i>Responsible for all aspects of requirements management: processes and guidelines for req. mgt., validation, verification, DOORS; req. mgt and DOORS trainings (material, organization and conducting); server and client installations / upgrades, maintenance / trouble shooting; helpdesk; evangelist; internal audits; web site development; Telelogic Leadership Council / Wolfpack Meeting GE representative ... Worldwide and cross-modalities for more than 1000 engineers.</i></p>
06/1999 - 05/2001	<p>Global Manager DOORS and Safety &amp; Regulatory Engineer (<a href="#">General Electric Medical Systems</a>, Buc - France)</p> <p><i>Responsible for all aspects of <a href="#">DOORS (TM Telelogic)</a>: guidelines; trainings (material, organization and conducting); server and client installation, maintenance, trouble shooting; helpdesk; evangelist; internal audits; web site development; Telelogic Leadership Council / Wolfpack Meeting GE representative ... Worldwide and cross-modalities. Safety &amp; regulatory engineer.</i></p>
3/1999	<p>Dr. rer. nat. (Ph. D.) - Note: 0.0 (summa cum laude = best possible) Ph. D. thesis: <a href="#">'Parallel Programs as Petri Nets'</a></p>
04/1998 - 01/1999	<p>Project Manager / Director (<a href="#">Prof. Dr. E. Best</a>, <a href="#">University of Oldenburg</a>, Germany)</p> <p><i>Responsible for the DFG (German Research Foundation) project <a href="#">PEP</a>: Software tool for modeling, simulation and verification of parallel systems; 500,000 lines of code, 30 developers.</i></p>
04/1993 - 03/1998	<p>Project Manager / Director (<a href="#">Prof. Dr. E. Best</a>, <a href="#">University of Hildesheim</a>, Germany)</p> <p><i>Responsible for the DFG (German Research Foundation) project <a href="#">PEP</a> as well as for a computer network (Apple, Sun, Linux-PCs) including hardware and software acquisitions.</i></p>
10/1992 - 03/1993	<p>Teaching Assistant (<a href="#">Prof. Dr. E. Best</a>, <a href="#">University of Hildesheim</a>, Germany)</p> <p><i>Teaching computer science classes at university; preparing the <a href="#">PEP</a> project; responsible for Apple network.</i></p>
10/1992	<p>Dipl.-Inform. (M. Sc.) - Note: 1.0 (very good + summa cum laude - best possible) Master thesis: <i>Automatic diagnostic of the human hip and interactive operation simulation on the basis of 3D computer-tomography data</i> - Note: 1.0 (best possible + Award for the best master thesis in Hildesheim)</p>
10/1987 - 09/1992	<p>Studies Computer Science (with Medical Informatics) and Student Assistant (<a href="#">University of Hildesheim</a>, Germany)</p> <p><i>Development of graphical tools for the automatic diagnostic of the human hip as well as operation simulation both based on 3D CT data + various tutor jobs.</i></p>

Download the [PDF version of the CV](#).

Please contact me if you have any questions, are interested in details, training / consultancy, want to offer a job opportunity, ...: [Bernd@Grahmann.net](mailto:Bernd@Grahmann.net)

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