



Reinhard Ahlert

Kettenhöfsetter Straße 1

D - 91604 Flachslanden

Telephone: +49 9829 912301

Telefax: +49 9829 912302

Mobile: +49 171 540 37 51

Email: Reinhard.Ahlert@t-online.de

Curriculum Vitae

Personal		
Name: Reinhard Ahlert	Date & Place of birth: 16th of February 1959, Berlin, Germany Nationality: German	
Address: Kettenhoefstetter Str. 1 91604 Flachslanden	Married: Yes / No Children: -	
Home telephone: +49 9829 912300 Mobile: +49 171 540 3751	Work telephone: +49 171 540 3751 Mobile:	
Career Synopsis		
Start Date	Job Title	Company / Division
02/1980	Mechanic Machine equipment	Deutsche Reichsbahn, Depot Berlin-Grunewald
05/1980	Mechanic Machine equipment	Several small companies in Berlin
03/1981	Unemployed, temporarily working as a car mechanic	Friedrich, KFZ-Service, Berlin
11/1983	Welding qualification DIN 8560 E-R/B 2m	Schweisstechnische Lehr- und Versuchsanstalt Berlin
07/1984	Mechanic rolling stock, welder, shunt train driver, turner (lathe)	Berliner Verkehrsbetriebe (BVG), Depot Wannsee
04/1989	Production engineer for cable armatures	Siemens AG, Cable plant Berlin, Armature Centre
04/1991	Design Engineer for electrical installation LRV	Siemens AG, Transportation Systems, VT591, Erlangen
08/1992	Design Engineer for electrical installation LRV	AEG Westinghouse Transportation Systems, Berlin
04/1993	Sales engineer locomotives Germany	AEG Daimler Benz Industries, B2 V21, Hennigsdorf
09/1996	System engineer, Configuration & Change Manager	Adtranz, System Engineering Locomotives, F/VE21, Hennigsdorf, Mannheim
11/1998	Project manager Quality Management	Adtranz, PU LRV, Nuremberg
01/2001	Marketing Director Refurbishment & Modernization Rolling Stock	Adtranz, PU Service, Head office, Crewe, UK
01/2003	Strategic buyer	Bombardier Transportation, Mannheim, Germany
10/2005	CEO and owner	Reinhard Ahlert Electro- and Information technologies, Flachslanden, Germany

Education (including professional qualifications)		
Date	Institution	Qualifications
1965	Primary school	
1971	High school	
1977-1980	Deutsche Reichsbahn, Depot Berlin Grunewald	<u>Skilled mechanic certificate as a mechanic for maintenance</u>
1984-1988	Staatliche Technikerschule Berlin	<u>Engineering Certificate for mechanical engineering / production management</u>
1988-1991	Staatliche Technikerschule Berlin	<u>Engineering Certificate for electrical engineering / computer sciences</u>

Training		
Date	Course/Program	Provider
04.12.1989	Introduction in working with "GEM"	Siemens School for Data- and Information-technology
08.11.1991	Dbase 4 – Handling in order- mode	Siemens Bildungszentrum Erlangen
25.11.1991	Dbase 4 – Program generator	Siemens Bildungszentrum Erlangen
08.11.1993	Microsoft Excel, Basics	AEG Weiterbildungszentrum Berlin
18.11.1993	Seminar "Leading of negotiations and meetings"	AEG Weiterbildungszentrum Berlin
17.12.1996	SAP Basics R2	Adtranz Informationssysteme
16.02.1998	Tractivity user education	Enotrac AG, Switzerland
23.09.1998	Quality Management-systems and internal Audits	Deutsche Gesellschaft fuer Qualitaet e.V.
18.11.1998	Seminar for Auditors and Audit- representatives	Deutsche Gesellschaft fuer Qualitaet e.V.
01.03.1999	Project management-curriculum "ProProject"	Adtranz HR in cooperation with ABB Management Consulting
07.06.2000	SAP R/3 Impuls Seminar Project management	Adtranz HR
24.07.2000	SAP R/3 Impuls Seminar Quality- management	Adtranz HR
13.03.2001	Marketing and sales Academy, basics	Adtranz HR

Career History

Date: 02/80

Job Title: Mechanic machine equipment

Job scope/size: Mechanical maintenance - technician for Diesel - powered locomotives for mainlines and heavy shunting locomotives and technical depot – equipment like fuelling-system, radiator-system, pipes of the water catering system, locksmith works and so on.

Main achievements (please list no more than 3):

1. Successful repair and maintenance of equipment and vehicles

Date: 07/1984

Job Title: Mechanic rolling stock, welder, shunt train driver, turner (lathe)

Job scope/size: I worked here as a maintenance technician, too, but now on trains with electrical traction equipment, hunting bugs in the circuits of the electrical equipment of these trains and also mechanical repairs like welding bogies, when they were broken in winter - time. During this job, I was trained on handling an underneath floor wheelset lathe for wheelsets that are still assembled in the bogies of the complete car.

I also was trained and educated as a train driver for shunting service in the depot.

Main achievements (please list no more than 3):

1. Understanding of electrical circuits in self-studies, successful debugging of failures in circuits.

2. High welding qualification made me the one licensed welder in the depot.

3. Good performance on using the wheelset lathe (manufactured by Hegenscheidt)

Date: 04/1989

Job title: Production manager for cable armatures

Job scope/size: I was responsible for the production of cable armatures in the range of 10 – 30 KV. I calculated those products, build a time - class catalogue for calculations and reorganized the cable armature depot where the products have been commissioned and packed for delivery. I analyzed the flow of work and materials, planned a new flow of work with new package engines (the supplier of the engines was found after a market analysis made by myself) and realized it. So I made my experience in analyzing industrial processes to achieve the goal of rationalization with achieving a higher degree of quality in this process under application of my knowledge in economics, after the rules of REFA, which were essential components of my course of studies. I was also responsible for the sourcing of production material for the manufacturing of the armatures; I had to proof the qualifications and abilities of suppliers, which were new candidates for supply. I

Career History

worked in cost – reducing circles to find cheaper possibilities for materials and manufacturing equipment.

Main achievements (please list no more than 3):

- 1. Rational flow of work in the commissioning and delivery department, located in the depot. Cost reducing by realizing shorter handling times.**
- 2. Easier calculations and manufacturing steering with my (manufacturing-) time class catalogue. Data from catalogue transferred into MS project for fast and flexible steering of production**
- 3. Successful steering of production, no delays in delivery.**

Date: 04/1991

Job Title: Design engineer electrical installation

Job scope/size: I was responsible for the development of wiring tables, generated out of circuit diagrams, and the mechanical positioning and assembling in the car of those components like terminals, plugs and electric appliances, and also for developing electrical circuits f.e. brake circuits. Revision of circuit-diagrams and wiring tables, termination schemes in the Project Metro Leger Tunis, Wendelsteinbahn and also generating new documents for the Metro Project Nuremberg were my scope of work. I also programmed a database using dBase 4 for administration of installation material and appliances.

Main achievements (please list no more than 3):

- 1. Understanding and handling of engineering documents (drawings, circuit diagrams, wiring tables, bundle plans, distribution drawings a.s.o.). Successful revision (change management) of those documents.**
- 2. Generating new documents according to customer's specification after reading and understanding the contractual requirements, using a BS2000 operated central computer via terminal with MAS Softwaretool.**
- 3. Programming of a database for administration of electrical appliances including manual and staff training.**

Date: 08/1992

Job Title: Design engineer electrical installation

Job scope/size: I was responsible for the development of wiring tables, generated out of circuit diagrams, and the mechanical positioning and assembling in the car of those components like terminals, plugs and electric appliances

Main achievements (please list no more than 3):

Career History

1. Generating new documents according to customer's specification after reading and understanding the contractual requirements, using a PC with ORMAS Softwaretool, based on an ORACLE SQL-Database.

2. Tailoring of ORMAS – Tool using SQL database language for the requirements of the Zwickau – Tram project

Date: 04/1993

Job Title: Sales engineer locomotives Germany

Job scope/size: I've been responsible for rolling stock, mainline and my job was to keep contact to the customers of the German railroad, especially in questions of warranty of electrical equipment like traction engines and gears of German highspeed trains and locomotives, tractioned in 3 - phase AC technology, f.e. ICE - train (class 401) and locomotive class 120.1.

I calculated and made offers for spare parts of locomotives to our customers, for example complete bogies in co-ordination with the consult office and controlled and realized the delivery right in time of those parts. I am proof in negotiations with the customer, even in questions of warranty in case of technical defects of our delivered equipment.

Main achievements (please list no more than 3):

1. Defending the company against claims of guarantee by analyzing computer out prints of the diagnosis-system, used in negotiation with the customer.

2. Successful sale of spare parts and components with good margins

3. Expert advising of defects, proposal of solutions to the engineering department

Career History

Date: 09/1996

Job Title: System engineer and configuration & change manager

Job scope/size: In the project locomotives mainline, class 101 for the German railroad, I was responsible for any questions concerning the electric equipment of these locomotives, clearing technical questions concerning offers for any demands of the customer and, of course, quality problems. I was also responsible for the change - management concerning the electrical equipment of the locos. I also reported as an expert for configuration and change management in the ProProject Program.

Main achievements (please list no more than 3):

- 1. Troubleshooting in malfunctional components, testing of components for failure identification.**
- 2. Configuration & Change management electrical equipment of all locos class 101. Supported by softwaretool "Tractivity". Release and documentation of outworked changes.**
- 3. Generating of bills of materials for offers demanded by the customer.**

Date: 11/1998

Job Title: Project manager quality management

Job scope/size: My responsibilities in the project Nantes were

- Creating a qualityplan and tracing its realization as a quality manager
- Creating of quality requirements for suppliers of main components according to technical specifications and checking the realization of those requirements
- Generating the quality documentation concerning the contract of the project and internal rules
- Audit of suppliers ant internal suppliers and departments respecting DIN ISO 9001
- Licensing of suppliers after having a successful audit
- Planning of first article inspections and the realization of FAI with the customer and the engineering department
- Inspection of building activity and final acceptance with the customer's inspector
- Typtests planning respecting the rules of law with the goal to get a license for operating the vehicles
- Installation of change- and configuration management
- Creation of quality instructions in the project.

Main achievements (please list no more than 3):

- 1. Successful external Audit of my work by DQS for achieving the prolongation of ISO 9001 certificate for the company**

Career History

2. Successful first article inspections and customer audits with representatives of the French customer, using my knowledge of the language, by creative argumentation in difficult situations.

3. Successful selection of suppliers by auditing the supplier.

Date: 01/2001

Job Title: Marketing Director Refurbishment & Modernization

Job scope/size:

Make proposals for improvement in tender success rate by country

a) Process

b) New product developments required (e.g. cost reduction targets and new products for rail applications)

Develop Modernization Bulletins, describing standard R&M opportunities for owners and operators of specific identified vehicles

- Identify 3 vehicle types and agree market opportunity with one or more selling country
- Issue sales brochure, available in target markets

Support R&M 2001 Order intake

- Review R&M order intake progress May 01

Agree target opportunities to achieve 2001 order intake

Provide R&M product development strategy

- Identify 6 new products, not previously marketed in Service with a market opportunity agreed with countries Jul 01

Propose cost effective product development programs

Produce top level R&M product brochures to enable selling by countries across borders

- Agree and issue 2 page R&M Sales Brochure
- List R&M product brochures, identify plan to correct omissions

Produce PIE and KiT product concept sales brochure

Propose a training process to improve the effectiveness of R&M Sales and Marketing and agree with affected parties

Main achievements (please list no more than 3):

1. R&M sales brochure released

2. Reviews of intake process

- Country information collection and analysis process to be set up, followed up
- Fleet database to be integrated in MACI database, proposes submitted and developed with David Richardson
- Critical issues for order intake to be identified and actions to be defined for getting success in this special issue (missing products, - components, too high prices for components or work)
- Lost order analysis and actions defined by it

Date: 01/2003

Job Title: Strategic buyer Service Division, Mannheim, Germany

Job scope/size:

Purchase of spare parts and components for railway vehicles of any kind for the Service Division of Bombardier, Germany.

Main achievements (please list no more than 3):

- Buying under the best market conditions (price, availability), carrying out in SAP R/3 – System
- Generation of saving statistics within our cost saving program
- Survey of suppliers concerning right in time deliveries

Date: 10/2005

Job Title: General Manager and owner of Reinhard Ahlert Electro- and Information Technologies, Kettenhöfstetter Strasse 1, 91604 Flachslanden

Job scope/size:

- Consulting services for railroad business, quality management, industrial enterprises and information technologies.
- Sales of computer equipment, hardware and software in own shop
- Maintenance and repair of electrical installations and computer systems
- Installation of computer networks, telephone systems and power supply (with engineering)
- Satellite receiver systems installation
- Repair of electrical appliances
- Consulting Projects:
 - **07/2006 - 11/2006** Consulting - Project „Introduction of FMEA into the bogie construction process“ at company Alstom-LHB, Salzburg
 - **03/2007 - 04/2007** Consulting - Project Creation and Moderation of Product- and interface – FMEA's in an Automobil – Development project with APIS IQ FMEA 5.1

Date: 10/2007 to 12/2007

Job Title: Projectmanager Automatic Train Control Onboard

Job scope/size: I lead a project for integration of Automatic Train Control Onboard, in this case a Multi-System Locomotive for corridor operations between Germany / Belgium / France, and a variant for Germany / Austria / Sweden / Norway.

I build the project team recruiting staff from the line organization into a matrix function, structured the project, managed the risks and started the developments in the engineering department. Another task was to order long running devices as well as the budget controlling. Shortly after the start of this job I received a much more lucrative job offer with staff responsibility, which I took.

Date: 12/2007 to 06/2008

Job Title: Leader Manufacturing Support & Quality Manual

Job scope/size: I was responsible for the Quality Management in the line production of mobile cranes and reported to the Quality Director of the Wilhelmshaven site. Parallel to other tasks I reengineered processes as pre-condition for the LEAN Production, and readjusted the Quality management manual. The integration of the Quality management manual into the EMEA business region of the enterprise (Standardisation Europe) and the responsibility for that was in the hands of my team and me.

I steered with my team the prototype audits, internal audits and pushed external audits in cooperation with the SQA team. We defined actions out of the weekly 8D-Report-Meetings, using the top failure lists. The continuous audit planning to keep the ISO 9001 – Certification even belonged to my spectrum of tasks. I planned the holydays and capacities of my team and also I had to judge the tasks and payments as well as the output of the team members as a base for the payment. Even training of the staff in accident prevention / occupational health and safety, recruiting new crew members and training of the staff was in my scope of work. The creation of a continuous improvement process within LEAN Management with the corresponding operating figures systems was another essential target.

The contract was running for 6 months, so I searched another challenge as a free lancer.

Date: 06/2008 until 05/2009

Job Title: FMEA-Moderator, Consultant-Project

Job scope/size: I create FMEA-Structures from design documents, contract specifications and target specifications and moderate D- und P-FMEA's at the company Mann & Hummel in Bad Harzburg, a supplier of the automotive industry. Those FMEA's were evaluated and Action – Lists generated as well as the planning of following moderations.

Date: 11/2009 until 06/2010

Job Title: Data Manager, Consultant-Project

Job scope/size: I maintained the “product description database sales” within the Audi AG, Ingolstadt. I erected new models, maintained changes and configurations within the database. I also analysed global sales data and prepared reports.

Date: 07/2010 until 02/2011

Job Title: System-Engineer, Consultant-Project

Job scope/size: Consultant for development of solutions for systems on locomotives at Bombardier, Zurich and Mannheim

- Investigation for root causes of defects in battery charger units of high speed trains
- Development of a solution for transmission of energy consumption data using a customer favored modem
- Assistance for analysis for functional safety according EN 50126, 50128, 50129

Date: 03/2011 until 11/2011

Job Title: System-Engineer, Consultant-Project

Job scope/size: Consultant for homologation of trains at Siemens AG

- Realisation of the homologation of Multiple Units with European Authorities
- Documentation of homologation activities
- Coordination of departments according verification and handling of authorities' comments
- Support of sales proposals under the aspect of requirements
- Participation at international boards for adjustment of certification requirements

Date: 03/2011 until 09/2011

Job Title: Projectmanager for Train Components, Consultant-Project

Job scope/size: Consultant for homologation of train components, Siemens AG

- Check of specifications according fulfilled requirements from the requirement management
- Redundant and contradictory requirements, specially according RAMS/LCC, M/CM
- further verifications
- Completeness of specified documentation
- Assurance of involvement of all departments into the process of examination
- Assurance of synchronisation of all deadlines from the supplier contracts with the project schedule
- Demonstration of change requirements within the specifications
- Assurance that all requirements and deadlines are communicated with the purchasing department and confirmation of them
- Survey of the deadlines for delivery of by the purchasing department ordered sets of documents
- Order of all documents which are required for first article inspection internally and externally
- Organisation of first article inspection at the supplier. Definition of date, location and coordination of first article inspection in cooperation with the supplier, invitation for first article inspection.
- Assurance that all requirements for execution of first article inspection (FAI) are fulfilled.
- Filing of the documents according work orders for execution of

FAI in the SAP system.

Date: 05/2012 until 04/2013

Job Title: Developer Customer Team Volvo, Consultant-Project

Job scope/size: Developer for the Seat Systems of cars at Brose in Coburg

- Change management of parts and components of seat systems
- Processing of customer changes
- Tracking of changes and controlling of their deadlines
- Analysis of damages, definition of remedial actions
- Coordinator customer team – Prototype Workshop

Date: 07/2013 until 06/2014

Job Title: Developer Console and Armrest, Consultant-Project

Job scope/size: Developer for Consoles and Armrests of cars at Grammer in Amberg

- Adaption of carry over parts for Bentley
- Processing of customer changes
- Tracking of changes and controlling of their deadlines
- Analysis of FEA calculations and customer requirements
- Coordination with customer's engineering and internal Departments
- Analysis and Termination of Process problems

Date: 07/2014 until 12/2014

Job Title: Analyst for prototype returns, Consultant-Project

Job scope/size: Analyst for several product returns of prototypes at Schaeffler Group in Herzogenaurach

- Planning, execution und analysis of prototype returns
- Creation of a concept for organization and execution of returns analysis of customer tested prototype parts
- Quality management
- Coordination, organisation and assembly of the investigations and their results from central offices like material sciences, chemical laboratory, micro-inspection room a.s.o. after clearance with the product responsible engineers
- Microscopic analysis of bearing surfaces
- Creation of the final reports
- Report of the results, that the feed back of the test results will flow into the development processes systematically

Date: 06/2015 until 12/2015

Job Title: Problem Manager, Consultant-Project

Job scope/size: Problem Manager for Automotive Steering Systems at Bosch Automotive Steering Systems in Schwäbisch Gmünd

- Take over of Problem Reports from customer VW, Registering in database Clear Quest
- Delegation into the involved departments for analysis
- Collection of results, input in database Clear Quest
- Report to the customer, Answering of customer's questions
- Closure in database Clear Quest

Date: 04/2016 until 08/2016

Job Title: Technical Project Manager, Consultant-Project

Job scope/size: Technical Project Manager HUD at Continental in Babenhausen

- Delivery of a functional and validated technical system.
- System Engineering Rolls (Requirements Engineering, Product Architecture, Product-Integration).
- Technical part of the project schedule: Synchronising schedules of disciplines (Hardware, Software, Mechanic, CoC Display and Testing) to reach the next project phase.
- Collection and reporting of results of work from involved technical disciplines
- With the project manager: Reporting of the project progress in internal meetings
- Clearing of technical questions and problems face to face with the customer
- Generation of the Engineering-Release-Checklist on Systemlevel (Tracking of SE Documents)
- Overview of the status of checklists from departments HW, SW,ME, CoC Display) also reported for release by the Technical Responsible
- Generation and coordination of FMEAs
- Technical part of the Risk-Management. Activities in the project

Date: 09/2016 until 12/2016

Job Title: FMEA-Moderator, Consultant-Project

Job scope/size: Moderation of Process - FMEAs Contact lens manufacturing at Alcon in Grosswallstadt

- Revision of existing FMEA of manufacturing process.
- Moderation of the FMEA with module responsible persons.
- Actualisation of the modules, maintenance of process changes.

Date: 12/2016 until 04/2017

Job Title: Manufacturing Manager, Consultant-Project

**Job scope/size: Manufacturing Planning and Steering ICE - Revision
at Deutsche Bahn AG in Nürnberg**

- Damage Analysis of incoming trains
- Fine planning of the manufacturing process
- Steering of the manufacturing process
- Logistic management of the manufacturing process

Date: 05/2017 until 08/2017

Job Title: Senior Consultant, Consultant-Project

Job scope/size: Improvement of supplier Quality at Deutz AG in Köln

- Introduction of a working Complaint Management
- Work out of an effective control system for 8D-Reports of the supplier
- Development of effective Process-Optimisations to assure retraction of failures in the manufactured products made by supplier and for judgement of the supplier's 8D-Reports
- Optimisation of the operational complaint process (8D)
- Optimisation of the internal root cause examination process

Date: 10/2017 until 03/2018

Job Title: Consultant Electrical Installation, Consultant-Project

**Job scope/size: Engineering Support Electrical Installation Coradia Trains
at Alstom in Salzgitter**

- Check of assembly locations of electrical equipment
- Check of cable routing and electrical circuits
- Check of cabling bill of materials
- Identification of electrical equipment and assembly material.
Integration of new material into the data base
- Generation of electrical documentation and circuit principle drawings in Visio

Date: 04/2018 until 09/2018

Job Title: Consultant Supplier Software Quality Assurance Coradia Trains, Consultant-Project

Job scope/size: Engineering Support Supplier Software Quality Assurance Coradia Trains at Alstom in Salzitter

- Grab of software documentation on subsystem level, device software, and service software from ALSTOM s storages as maintained by Subsystem Engineers.
- Inspections of software documentation and evaluation of fulfillment of requirements based on checklists. Their subsystem specific instances are derived from their already prepared templates.
- Inspection of the consistency between software deliveries and the joint software documentation.
- Preparation of software quality assurance reports on subsystem level.

Date: 11/2018 until 12/2018

Job Title: Consultant Commissioning, Consultant-Project

Job scope/size: Consultant Commissioning at Stadler in Velten

- Commissioning of electric trains within the Project Subway
- Berlin type IK18
- Check and clearance of functional technical failures
- Generation of test procedures and test instructions
- Check of existing test instruction concerning plausibility
- Consulting with adjacent departments
- Generation of type test instructions
- Execution of functional type tests on board of the trains

Date: 01/2019 until 03/2019

Job Title: Consultant Training for personnel of Diesel locomotives

Job scope/size: Consultant Training at Vossloh in Kiel

- Generation of an analysis of the training program catalogue
- Generation of an analysis of the technical documents in relation to circuit diagrams, hydraulic schemes, compressed air schemes, work instructions for maintenance, locomotive driver manual, bill of materials, spare parts catalogue
- Generation of an analysis concerning requirements of the guide lines
- Generation of the guide line „Train driver“ on the base of the earlier generated analyses
- Generation of the guide line „Service staff“ on the base of the earlier generated analyses
- Generation of a technical documentation

Date: 05/2019 until 06/2019

Job Title: Administrator at Hottinger Baldwin Messtechnik (HBM), Darmstadt

Job scope/size: Computer Administrator

- Preparation of moving Share File Server
- Editing of .bat- and .ini- files on all concerned computers
- Corrections of access rights
- Processing and Test of modifications locally on all concerned computers
- Reporting

Date: 07/2019 until 08/2019

Job Title: Consultant at Valeo, Garching

Job scope/size: Validation of defined requirements of customer ALSTOM of the HVAC-Systems for Rolling Stock Railway Vehicles with technical aspects of Valeo's HVAC-Systems used in busses.

- Analysis
- Requirements comparison
- Measure catalog
- Rough planning (Structureplanning, Ressource planning, Cost planning, Time scheduling, Risik management)
- Documentation

Date: 09/2019 until 03/2020

Job Title: Train Manager at Alstom, Salzgitter and Velim, Czech Republik

Job scope/size: Train Manager in Validation Team for the Project „Inter City Next Generation“

- Preparation of test execution with the Test Manager
- Check of the train concerning the ability to finish the tests
- Execution of the tests on board of the train
- Formal transmission of the status to the central control room of the Test Center
- Creation of failure reports
- Operative coordination of all actors on board
- Securance of safety of all persons on board the train being involved in tests
- Administration of valid prevention plan
- Assurance of correct administration of the configuration of the test train set

Date: 07/2020 until 09/2022

Job Title: Systemengineer in Customer Solutions Team at Thales in Berlin

Job scope/size: Systemengineer in Customer Solutions Team for the Project „ETCS Level 2 Trackside DB AG“

- Preparation of test execution with the Test Manager
- Check of the train concerning the ability to finish the tests
- Execution of the tests on board of the train

- Formal transmission of the status to the central control room of the Test Center
- Creation of failure reports
- Operative coordination of all actors on board
- Securance of safety of all persons on board the train being involved in tests
- Administration of valid prevention plan
- Assurance of correct administration of the configuration of the test train set

Date: 02/2023 until 07/2023

Job Title: System engineer integration ETCS on vehicles at Siemens in Berlin

Job scope/size: System engineer integration ETCS on vehicles

- Creation of the signalling and communication technology system concept and the system architecture
- Analysis of the overall system including clarification and documentation of the technical and operational requirements
- Control of the overall system integration
- Requirements management regarding technical customer requirements
- Technical contact for internal and external
- Interface coordination in relation to the system architecture
- Preparation of the necessary planning documentation for the above tasks

Date: 09/2023 until 11/2023

Job Title: Commissioning of vehicles People Transport System Frankfurt Airport at Alstom in Frankfurt

- Management and supervision of the commissioning of CityFlo 650 equipment;Fertigstellung,
- Examination and forwarding of approval documents
- Implementation of initial commissioning (new baselines) and adaptation of the corresponding templates
- Driving trains or operating signalling systems or any skills related to the CBTC system
- Special investigations for the project on site (Frankfurt)
- Commissioning CityFlo 650
 - Creation of test instructions
 - Revision and further development of circuit diagrams
 - Loading the system software for different subsystems and components
 - Analyzing System Errors After Reading Data Memories
 - Software functional tests
 - Organization of workflows
- Creation of the signalling and communication system concept and the system architecture
- Analysis of the overall system, including clarification and documentation of technical and operational requirements
- Control of overall system integration
- Requirements management with regard to technical customer requirements
- Technical contact person for internal and external applications

- Interface coordination with regard to the system architecture
- Preparation of the necessary planning documentation for the above-mentioned tasks

Date: 11/2023 bis 05/2024

Job title: Mobile Multimedia Information Systems Manager Services at Alstom in Braunschweig

- Checking the customer's requirements (e.g. project/site reference) with regard to the technical feasibility of IT solutions (e.g. applications, software, databases with a focus on maintenance/services).
- Check and define existing technical solutions for suitability and application.
- Develop constructive solutions and clarify/coordinate them with departments/corporations.
- Perform cost calculations based on the selected solutions.
- Coordinate appointments with the customer as needed.
- Prepare documentation/training materials for documentation.
- Preparation of maintenance schedules, vehicle structure, fault codes, work instructions.
- Coordination of the interaction of the *interfaces.
- Collaboration through continuous comparison with target requirements in coordination with the implementing interface*.
- Track compliance with objectives (quality, costs, deadlines) and, if necessary, propose and initiate remedial measures.
- Monitor/check the success of measures (e.g. evaluation of test runs).
- Status reporting to project management and, if necessary, escalation (e.g. in case of budget overrun, non-fulfilment of core requirements).
- Processing of project-specific inquiries (e.g. from departments, corporations, customers) during the project period.
- Check technical problems with regard to suitability and possible use, as well as coordinate them with the inquirer.
- Forward and monitor coordinated requests for implementation.

Additional Information

**Valid driver licenses for cars and trucks up to 7500 kg max. load, all kind of motorcycles – European classes (A, A1, B, BE, C1, C1E, CE, M, L, T/S)
PPL (A)**

Hobbies:

- **Flying (Private Pilot Licence)**
- **Target shooting, reloading of ammunition**
- **Video taping**
- **Photographing (now professional as an other branch of my business)**
- **Travelling (vacation) to other countries, exploring of countries, sightseeing**
- **Gardening**
- **Computer (building PC's out of components, installing of Operating systems (Windows 95, 98, 98 SE, ME, 2000 Professional, XP Professional, Vista Ultimate, Windows 7 Ultimate, Windows 10 Pro), Network skills with all Windows – Systems), Professional use of MS Office 97 Prof., 2000 Prof., MS Project)**
- **Explosives permit reloading, black powder, manufacture of pyrotechnical objects, ammunition**
- **Explosive license Reloading, Gun powder**

Spoken languages:

- **German (native)**
- **English (negotiation proof)**
- **French (basics)**