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Profile (Executive Summary)

Interim executive with extensive international leadership experience in engineering, systems development, and project management. Specialized in agile transformations, change management, crisis resolution, and building high-performance teams. A strategic thinker with deep technical expertise and strong communication skills. Combines leadership excellence with engineering depth and change competence – even in highly regulated industries.

Project and Development Management Expertise

- **Management of complex technical and organizational challenges**
- **Development and implementation of agile methods (Scrum, Kanban)**
- **Change management, process optimization, and post-merger integration**
- **Systematic coaching of technical and managerial staff**
- **Scaling of serial production**
- **Transition from development to serial production**

Leadership Skills

- **Many years of experience leading multinational, multidisciplinary teams (up to 60 employees)**
- **Intercultural management and confident communication at executive level**
- Establishment and leadership of transnational engineering departments with budget responsibility up to €15 million
- Talent development, coaching, and sustainable employee advancement

Methodological Expertise

- Agile methods: Scrum, Kanban
- Process analysis and optimization: APQP, PPAP, FMEA, Ishikawa, 8D, PDCA cycle
- Lean management: SQCDP, Go-look-see, value stream mapping
- Structured problem-solving methods
- **Innovation management and patent development**
- Systems and safety engineering according to aviation standards (ARP 4761A, ARP 4754B)
- Reliability engineering and dependability analysis
- Certification and validation of complex technical systems
- Model-based systems engineering (MBSE)
- Application lifecycle management (ALM)

Soft Skills & Personal Strengths

- **Holistic thinking: strategic overview with the ability to analyze technical details in depth when necessary**
- Strong analytical and conceptual skills
- Solution-oriented mindset and quick grasp of complex issues
- Team player with conflict resolution skills and intercultural understanding
- **Confident presence, excellent communication skills, and empathy in international business environments**
- High capacity for innovation and promotion of creativity within teams

Technical Expertise

- Electric drive systems and control engineering
- Electronics (power and signal processing)
- Communication and network technology (including high-voltage and protection systems)
- Remote sensing

Languages:

German: Native

English: Native

French: Fluent

Tools:

Siemens Polarion
ALM/PLM,
Teamcenter Computer
Aided Reliability
Assessment (CARA),
Item Toolkit,
APIS IQ-FMEA,
Microsoft Office, Outlook,
MS Project,
Oracle Primavera Cloud

Selected Professional Achievements

Siemens/Rolls-Royce-Electrical (Safety Manager, 8/2016 – 1/2025)

- Led the development and certification of hybrid-electric aircraft propulsion systems
- Built and developed new engineering capabilities in safety, reliability, and application lifecycle management (ALM) tools
- Introduced innovative solutions, resulting in 13 patent applications
- Improved efficiency: reduced processing time for safety requirements by **75%**
- Achieved successful validation and certification of complex technical solutions

Airbus (Head of Transversal Engineering, 9/2004 – 7/2016)

- Successfully certified and introduced the world's first EWIS system for the Airbus A350
- Cut development time by **50%**; reduced cost by **\$500k** and weight by **700 kg** per aircraft
- Led restructuring and efficiency improvements: reduced headcount by **25%**, resulting in **€50 million** in savings
- Managed international teams based on lean principles with clear targets and measurable outcomes

Airbus (Head of A330/A340 Final Assembly Line Improvement, 12/2003 – 8/2004)

- Improved on-time delivery from **25%** to **100%**
- Significantly reduced complaints and damages (up to **75%**)

Airbus (Senior Manager Organizational Development, 06/2001 – 11/2003)

- Led organizational realignment during Airbus merger integration
- Restructured and optimized interfaces between engineering, sales, HR, and finance

Astrium (Airbus Defence & Space, Head of Propulsion Electronics, 10/1996 – 12/2000)

- Turned around loss-making projects into profit generators (**30% excess revenue**)
- Resolved quality issues and improved product readiness before delivery
- Managed integration during Astrium merger

Education

Ph.D. in Electrical Engineering, Cornell University, Ithaca, NY, USA (1987)

- Focus: Control systems; development of a novel measurement system

Master of Engineering in Electrical Engineering, Cornell University, Ithaca, NY, USA (1982)

- Focus: Control systems

Bachelor of Science in Electrical Engineering, Utah State University, Logan, UT, USA (1982)

- Graduated Cum laude