EXECUTIVE SUMMARY

Tobias Lux

Interim Manager, Digital Transformation

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> Lead engineering. Steer programs. Bring IT, digitalization and AI to the shop floor.

Engineering Head of Engineering A350XWB and Head of Crew Rest Compartment at Airbus
Programs and leadership Managing Director of two companies, program leadership and interim assignments
IT, digitalization and AI PLM, MES and manufacturing IT in regulated industries, self-built AI agents

Three Reasons

1 Engineering: Knows development and manufacturing firsthand as a leader

- Head of Engineering A350XWB and Head of the Crew Rest Compartment Department at Airbus (2005–2009), responsible for suppliers (Jamco, C&D, Panasonic) and airline customers (Qantas, Lufthansa, Singapore Airlines)
- Airbus Awards for Excellence 2008 in Innovation and Customer Focus
- Interim Head of Engineering and program leadership at Diehl, Premium Aerotec and Northrop Grumman LITEF

2 Programs and leadership: Takes ownership of results for companies and programs

- Owner and Managing Director of two companies (P-D Aircraft Interior, MWL Leipzig); implemented ISO 9001 and AS/EN 9100
- Founder of the Year 2010 in Saxony-Anhalt; Hugo Junkers Prize 2014 (State of Saxony-Anhalt)
- Led digital transformation programs at a leading Swiss technology group (Aerospace/Defense) and LMtec; responsible for budget, risk and stakeholders up to executive level

3 IT, digitalization and AI: Takes digitalization in regulated environments all the way to go-live

- Biotronik: PLM processes and computer system validation per FDA 21 CFR Part 11 (IT Business Partner R&D / Production Systems)
- Platforms: Siemens Teamcenter, Dassault 3DEXPERIENCE, Oracle Agile PLM, ARAS, SAP
- Runs self-built AI agents (Claude, Python) for research, meeting notes and task automation in his own office

Target Role

Head of Digital Transformation, Manufacturing IT or PLM/MES · Program Leadership · Interim Role · Aerospace/Defense, Medtech, Mechanical Engineering, Pharma · German-speaking Switzerland, 80–100%, on short notice or flexible timing

Career

10/2026 – present	**Sparring partner and interim program leader** · Lux-IT-Consulting (self-employed)
05/2025 – 05/2026	Career break: family and travel, in parallel studying AI-assisted engineering
2024 – 2025	**Freelancer / Senior Principal** · CRAB Analytics GmbH (project work at an eVTOL manufacturer)
2021 – 2024	**IT Business Partner R&D / Production Systems** · Biotronik AG
2020 – 2021	**Freelance Program Manager, Digital Transformation** · Technology group (Aerospace/Defense)
2019 – 2020	**Senior Consultant / Program Manager, Digital Transformation & Manufacturing IT** · LMtec Swiss GmbH (programs in the rail, automotive supply and aerospace industries)
2017 – 2019	**Senior Consultant PLM** · Helbling PLM Solutions
2012 – 2017	**Interim Manager: Senior Program Manager, Head of Engineering, Managing Director** · Northrop Grumman LITEF, Broetje, Premium Aerotec, Diehl, Global Aviation Services
2009 – 2013	**Owner and Managing Director** · P-D Aircraft Interior GmbH, MWL Leipzig GmbH
2005 – 2009	**Head of Engineering A350XWB, Head of Crew Rest Compartment** · Airbus Operations GmbH

Education, Methods, Languages

State-Certified Technician, Mechanical Engineering (Hamburg) · Industrial Mechanic · Airbus Leadership University · Lean Six Sigma Black Belt · ISO 9001, AS/EN 9100, EASA Part 21G, CSV / FDA 21 CFR Part 11, Scrum and Kanban · AI agents and automation (self-built)

German (native) · English (fluent) · French and Russian (basic)