

Curriculum Vitae

DI Thomas W. Albrecht

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SUMMARY

- Leadership concepts for sustainable success require both the effective implementation of customer value and the dialog with co-workers and employees – to enhance the interest of all stake-holders.

SKILLS

- Leadership Consultant
- Business Trainer
- Extensive Management expertise in a multicultural environment
- Communication and motivation
- Product marketing management
- Organization and complex multi-site project management
- Hardware and software design processes and methodologies
- Professional use of MS-Office applications
- Well experienced in overseas travel to the USA and Japan
- Cooperation in China and Korea

CAREER HISTORY & ACCOMPLISHMENTS

Albrecht Leadership Consulting, www.albrecht-consulting.eu

Founder, Owner, CEO

since 2007

How do you ensure that your employees pursue your company objectives?

- Improve your leadership concept to increase your company's profitability

The offerings:

- Consulting- and in-house-projects
- Trainings, workshops and seminars
- Interimsmanagement
- Dialog & Sparringpartnership

EuRatio Academy Zurich, www.euratio.ch

Lecturer & Ambassador

since 2007

• At EuRatio Academy leaders discuss aspects of leadership:

- How to transform profit objectives into operative goals for employees?
- How to generate customer value awareness?
- How to improve intra-organizational cooperation?
- How to generate and improve ownership?

Procon Unternehmensberatung, www.procon.at

Cooperation Partner

since 2008

Topics:

- Project Management
- Leadership Development
- Change Management & Organisational Development

Wiener Trainer Akademie, www.wienertrainerakademie.at
Business Trainer **since 2007**

Topics:

- The methodology to achieve company objectives
- Personal business marketing

Life-Long-Learning Academy, www.lllacademy.at
Business Trainer **since 2007**

Topics:

- Leadership
- Fit for your business career

University of Applied Sciences Technikum Wien, www.technikum-wien.at
Lecturer **since 2007**

- Institute of Embedded Systems
„Digitale Video Codexs“, „Automotive Bussystems“ and „Dependable Systems“

ON DEMAND Microelectronics AG, Vienna, Austria, www.odmsemi.com
Vice President Engineering **2006 – 2007**

Company's Products

- ON DEMAND develops Application Specific Integrated Circuits and Software for High-Definition TV and Multimedia Applications.
- Target market is the consumer industry providing mobile phones, portable media players and set-top boxes
- Customers: OEMs in USA, China, Japan and Taiwan

Responsibilities

- Overall management of development and engineering
- Approx. 30 employees, Reporting directly to the CEO
- Definition of product and technology roadmap
- Key roles in overall company direction related to project management processes

Achievements

- Implementation of company-wide project management standards
- Cost-effective product development

TTTech Computertechnik AG, Vienna Austria, www.tttech.com
Director of Software Development **2004 – 2006**

Company's Products

- TTTech is a leading supplier of technology in the field of time-triggered systems. Its core technology is a dependable platform for safety-critical applications that considerably improves real-time fault-tolerant data communication with respect to safety, cost, and productivity.
- Target markets are the aerospace and automotive industry
- Customers: Honeywell, Nordmicro, Airbus, Boeing, Audi, Volkswagen AG, Renault, PSA

Responsibilities

- Overall management of worldwide safety-critical software development
- Approx. 45 employees organized in 4 teams for Design Tools-, Embedded Automotive-, Embedded Aerospace-Development and Integration&Test, Reporting directly to the CEO
- Key roles in overall company direction related to project management processes
- Generation of customer value and direct customer interaction

Achievements

- Reorganization of the software department to bridge the chasm from a start-up to a settled company
- Major improvements in company-wide project management processes and standards
- Major improvements in product quality and in-time and in-budget deliveries

Siemens AG Oesterreich, Program- and Systemengineering, Vienna, Austria
www.ces-designservices.com

Vice President of CES Design Services
Chips – Electronics – Software

2000 – 2004

Company's Products

- Professional electronic design services for both the Siemens-internal and the Siemens-external market: ASIC- and FPGA designs, printed-circuit boards, embedded SW, design tools for railway switching systems and mechanical designs
- Providing the entire range from consulting services to turn-key-designs
- Target markets: Companies and Siemens Business divisions that have demand for outsourcing their development/design/engineering tasks on a time-and-material basis or on fix-price in order to meet their market-windows
- Major Siemens-internal customers: telecom and switching-systems divisions, Automation&Drives, Power Transmission and Distribution, SiemensVDO
- Major Siemens-external customers: Infineon, Micronas

Responsibilities

- General Management of this profit-center dedicated to electronic design services on both the Siemens-external and Siemens-internal market
- Approx. 110 employees organized in 7 business segments for ASIC-, Chip, FGPA-, Software-, Hardware-, PCB- and mechanical development
- Overall responsibility for business strategy, sales and development
- Operation of high-availability IT infrastructures

Achievements

- Growth of external market share from 5% to 50% revenue within 3 years
- Setting up and maintaining First-Time-Success design methodologies and project management practices to avoid costly and time-consuming re-designs
- Setting up partnerships with leading suppliers like Mentor Graphics and Xilinx
- Named as „Gruppenbevollmächtigter“:
Affiliation into the „inner circle“of the Siemens-Group in Austria

Siemens AG Oesterreich, Electronic Plants, Vienna, Austria, www.siemens.at

Director of Product Marketing Management

1998 – 2000

Company's Products

- New products development and production
- Target markets: consumer market segments not covered by Siemens business units

Responsibilities

- Initiation of a Home Automation product
- Key role in product definition
- Decision maker for design, features and functionalities, graphical user interface and haptics
- Responsible for market research, budget and product design and production
- Strong interaction with market research companies, Siemens business units and local sales organizations
- US and European wide customer development

Achievements

- Up and running prototypes in small production volumes available
 - Orders from 3 lead customers received
 - Unfortunately the organization changed their focus to contract-manufacturing and all product developments have been stopped
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Siemens AG Oesterreich, Program- and Systemengineering, Vienna, Austria,
www.pse.siemens.at

Technical Director, Business Segment Telecommunication

1995 – 1998

Products

- Hardware and software design services for the Siemens business unit "Information and Communication, Telecom Switching Systems"

Responsibilities

- Responsible for a team of 20 employees within the business segment
- Management of numerous Hardware/Software CoVerification projects as well as ASIC and embedded firmware projects in parallel with 30 project team members
- Strong relationship and interworking with major Electronic Design Automation companies like Mentor Graphics and Synopsys and major semiconductor vendors like LSI Logic, Texas Instruments, Fujitsu and others
- Key role in project acquisition for the business segment

Achievements

- First-time-right of extreme complex ASIC and SW projects – no redesigns required
- Numerous international publications HW/ASIC and SW design methodologies (see "Publications & Papers")

Siemens AG Oesterreich, Program- and Systemengineering, Vienna, Austria

Design Engineer & Projectmanager

1990 – 1995

- Responsible for Hardware, Software and Firmware projects for telecommunication switching networks for the Siemens EWSD system
- Reported directly to the customer

EDUCATION

University of Technology, Vienna, Austria

**Diplomingenieur (Master) of Electrical Engineering /
Communications Engineering**

1990

Thesis: "Data Reduction in Digital Speech Coding"

Honors: Study passed "with Distinction"

Technologisches Gewerbemuseum

High School Diploma in Communications Engineering

1984

Honors: passed "with Distinction"

PROFESSIONAL DEVELOPMENT

- Business Trainer education: "Train-the-Trainer" 2006
at Jelinek & Partner Consulting Wien, www.wienertrainerakademie.com
- Seminar „Advanced Time-Triggered Communication“ 2004
at TTTech Computertechnik AG, www.tttech.com
- Seminar „Leadership meets Customer Value“ 2003
at Euratio Akademie Zürich, www.euratio.com
- Educationprogram for Managers „Z3“ 2000
at Siemens AG Österreich
- „Standard-Development Process“ – Refresher for Managers 1998
bei Siemens AG Österreich
- Seminar „Ziele und Prozesse“ 1997
at Euratio Akademie Zürich, www.euratio.com
- Seminar „Kooperationsmanagement“ 1996
at Euratio Akademie Zürich, www.euratio.com

PATENTS

- „Vorrichtung zum Überwachen, Schalten und Steuern von Geräten“ 1999
 - „WFCOMP (Waveform-Vergleicher zur Diskrepanzerkennung)“ 1997
 - „Design Diagnose System“ 1994
 - „Vorrichtung zur signaltechnischen sicheren Darstellung eines Bildes auf einem Datensichtgerät“ 1991
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AWARDS

- „Electronic Design Automation Award“ at the 36th ACM/IEEE International Design Automation Conference, New Orleans, June 1999
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PUBLICATIONS & PAPERS IN TECHNOLOGY

- „Functional Validation of Mixed Hardware/Software Systems Based on Specification, Partitioning, and Simulation of Test Cases“, Co-Author, Design Automation for Embedded Systems, Vol.5 No. 1, Kluwer Academic Publishers, February 2000
 - „The Design Diagnosis of VHDL Specifications Project (DDV) Fault Localization in Hardware Designs“, Co-Author. Journal der Österreichischen Gesellschaft für Artificial Intelligence, Jahrgang 1999, Nr. 1
 - „Management and Verification of a Multimillion-Gate Embedded Core Design“, Co-Author, 36th ACM/IEEE International Design Automation Conference, New Orleans, June 1999
 - „HW/SW CoVerification Performance Estimation & Benchmark for a 24 Embedded RISC Core Design“, Senior Author, 35th ACM/IEEE International Design Automation Conference, San Francisco, CA, June 1998
 - „Testcase Development for large Telecom Systems“, CoAuthor 2nd IEEE International High Level Design Validation and Test Workshop, November 1997
 - „Functional Validation for Large Telecom Systems“, Co-Author IEEE International High Level Design Validation and Test Workshop (HLDVT'97), Oakland, CA, November 1997
 - „Concurrent Design Methodology and Configuration Management of the Siemens EWSD-CCS7E Processor System Simulation“, Author, 32nd ACM/IEEE International Design Automation Conference, San Francisco, CA, June 1995
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LANGUAGES

- German – native language
 - English – fluently in speaking, reading and writing
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MEMBERSHIPS & AFFILIATIONS

- IEEE, Institute of Electrical and Electronics Engineers, Inc., www.ieee.org
 - XING, Open Business Communication, www.xing.com/profile/ThomasW_Albrecht
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INTERESTS

- Sports: Biking, Skiing, Golf
 - Jazz & Blues Music, singing Gospels, playing the Saxophone
 - Get-together with friends
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REFERENCES

- available on request
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DI Thomas W. Albrecht

Vienna, October 2nd, 2008