

HISTORY

DOSCH&AMAND has been founded in 1996 in Munich/GERMANY by Franz Dosch and Birgit Amand.

DOSCH&AMAND is a high-tech R&D competence center with its headquarters in Munich. DOSCH&AMAND today occupies an excellent position in the international IT and telecoms market, due to top class technological services in the field of wireless communications.

With the development of multimedia-enabled ETSI Standards DECT DPRS and DMAP, DOSCH&AMAND signalled a new era in the mobile use of modern communications services and opened the door to a new, fascinating world of wireless home & office communications.

AWARDS

DOSCH&AMAND received the German Innovation Award for the development of the European DECT standard DPRS and DMAP and along with it is conferred the title "SME Company of the Year 1999"



DOSCH & AMAND receives one of the most coveted accolades, the "Innovation Award of Bavarian Economy" from the Bavarian President, Dr. Edmund Stoiber in 1998.



DOSCH & AMAND is a co-founder and foundation member of the "Bavarian Elite Academy".



Co-Founder and CEO

Milestones of CEO Franz Dosch till 2000

- 1980 Scientific Assessor University Munich
- 1982 Member IEEE
- 1987/92 Guest Professor University Beijing
- 1990 Member ITU
- 1992 Chairman GSM EU BC
- 1992 Executive VPresident ROHDE&SCHWARZ
- 1993 Member ETSI DECT
- 1997 Member Scientific Advisory Board Bavaria
- 1998 Co-Founder Bavarian Elite Academy
- 2000 Chairman MMC

DOSCH&AMAND Research GmbH & Co.KG

DOSCH & AMAND – a privately-held R&D center for products and solutions in Wireless Personal Area Networks (WPAN) - is specialised on DECT Voice+Data and DECT VoIP using SIP protocol stack and integrating SKYPE.

DOSCH&AMAND Research GmbH&Co.KG is contract designer of wireless VoIP solutions applying DECT and WLANi for e.g. Base and Mobile Stations PC cards, VoIP IAD Router or VoIP CPE with ISDN and POTS.

Due to modular design and Abstraction Layer DOSCH&AMAND stacks DECT GAP/DPRS and SIP/RTP are supporting Windows, Linux and embedded realtime operating systems.

Virtual R&D TEAM

A growing number of telecommunications companies are outsourcing R&D to DOSCH&AMAND. They are doing so to reduce time and money expenditures, to free up resources for other endeavors, and to reduce financial risk and to optimize time-to-market. Outsourcing of product development and research can help to maximize innovation and overall company performance.

DOSCH&AMAND is teaming up with customer's R&D group for joint specification and design. During project DOSCH&AMAND transfers knowhow in Wireless and VoIP to customer's R&D group

Skills

- Object Oriented Design
- Analysis and design of real time systems
- Analysis and design of DSP software
- Real Time Operating Systems
- Design of realtime communication protocols
- Baseband Programming
- Interfacing Baseband/RF
- SIP, SYKPE
- DECT, WLAN
- ISDN, POTS
- ADSL, ROUTER
- Web-based configuration (TR069)
- optimizing BOM and BOM Target Costing
- C/C++ programming
- ARM7/MIPS embedded systems
- WIN, LINUX, CMX, RTK, NUCLEUS, DART,...
- WIN Kernel Mode and Driver Level

Business Objective

Innovation, speed and the quality of hardware and software developments have made us an internationally recognized Design Center within IT industry. We are regarded as a hightech competence center in the field of DECT Telephony and Data, VoIP Communications, WLAN, Router for Base and Mobile Stations.

Our primary objective is to assist our customers in enabling product innovations applying top-class technology and rapid prototyping. We team-up from Design Phase till first Production Series. Consequently we are concluding cooperation and joint venture contracts with strategic technology partners.