

Claus Siebeneicher

Nationality: German
 Born: 1960

1. Employment

Job Title	Senoir Systems Engineer (Information Technology)	Period	
		from	to
Company	SmartDe EG, Berlin, Germany	2020	current
Role & Responsibilities	‘Semi-Freelance’, providing external IT support and helping companies, organizations and individuals in IT-related matters, providing holistic solutions to their digital transformation challenges.		

Job Title	Co-founder / Innovator	Period	
		from	to
Company	Freelance	2014	2019
Role & Responsibilities	Building up the international photography enthusiasts group ‘Photoresk’ and a ‘quality content’ sharing platform (worldly.photos). Travelling and travel photography. Developing art-centric Virtual- and Augmented Reality (AR/VR) projects. Being innovative, "Hands-on" and experimenting with technology, photography and creating digital interactive (smart) art. Developing art-centric Virtual- and Augmented Reality (AR/VR) projects.		

Job Title	Senior Systems Engineer / Architect	Period	
		from	to
Company	NATO, Information and Communication Agency, Brussels, Belgium	2005	2014
Role & Responsibilities	As NATO official, maintaining the architecture and managing future requirements for the multinational Joint Air Command and Control and Ballistic Missile Defense (purpose-build control centers, surveillance and communication systems, secure and interoperable with real-time information exchange crossing system-, security-, national-, legal- and even cultural boundaries). Ensuring international coordination in architectural and interoperability matters. Representing NCI at various International Senior Committees and Working-Groups in different domains like Planning & Policy (C5G), Air- Space and Traffic Management (NATMC), Interoperability and Standardization at NATO (ISSC) and other national and international organizations (Eurocontrol, SESAR). Support to NATO-wide transformational goals and design changes towards service oriented architecture.		

Job Title	Senior Consultant "Command and Control Systems"	Period	
		from	to
Company	Serco GmbH, Bonn, Germany	2002	2005
Role & Responsibilities	Providing consultancy support for various C4ISR (Command, Control, Communications, Computers, Intelligence, Surveillance and Reconnaissance) projects, - Acting as inter-disciplined advisor for the Federal Office for Defense Technology and Procurement. - Managing the review of new and changed operational requirements, the analysis of feasibility and design options.		

- Co-ordinating the development of system and interface specifications and policy documents including life-cycle management plans for integrated logistic support.
 - Review of Functional Specifications, Interface Control Documents and other deliverables.
 - Advise the Program Manager during Technical Interchange Meetings and Design Reviews.
 - Review of Test Plans and Procedures.
 - Witness of tests, Analysis of Test Reports and Test Data Packages., Tracking of incidents.
 - Support to negotiations at all levels.
 - Manage and co-ordinate the support project and the assigned Serco consulting staff.
 - Requirement analysis and design solutions on emerging NATO standards and operational requirements on Identification.
 - Drafting of design guidance and proposals for the cost effective, secure and interoperable integration in existing surveillance systems.
 - Definition of evaluation criteria for implementations alternatives, including risk and LCC Analysis and definition of IERs with external systems, development of system specific security requirements statements.
- Inter-Relations: Supporting the Program Manager requires close working relations with the operational user, various national and international agencies and the Industry.

Job Title	Consultant "Command and Control Systems"	Period	
Company	Serco GmbH, Bonn, Germany	from	to
Role & Responsibilities	<p>Supporting the Federal Office for Military Technology and Procurement (BWB) as Senior Consultant in the overall procurement process of large-scale, complex military Systems for Command and Control on an interdisciplinary basis. Major projects: ACCS, GIADS (German Improved Air Defense System), FSInfoSysBw (Military ATC System), installation and fielding of ICAOC Meßstetten (ICC).</p> <p>Major Tasks:</p> <p>Support all phases of the projects, mostly as advisor of the Program Manager from pre-project phase with the analysis of the military user requirements, analysis of information and communication requirements, system design and development to the installation, test and acceptance and hand-over of the system to the operational user. Maintaining close working relations with the operational user, various national and international agencies and NATO (NACMA, SHAPE, NC3A, EUROCONTROL, NSA/BSI). Representing the program management in various international working groups (NACMA WGs: e.g. AHWG SEC, WG 5 / SSIWG, ACWG).</p>		
		1995	2002

Job Title	Owner / Freelance	Period	
		from	to
Company	Claus Siebeneicher (C-7)	1982	2002
Role & Responsibilities	<p>Developing smart leading-edge technical solution, most of them early adaptations of technology triggers and far (retrospectively 10+ years) before those technologies became mainstream.</p> <p>Some leading edge of technology projects and prototypes developed were:</p> <ul style="list-style-type: none"> - Microprocessor controlled milling machine (1985) - GEONET, map based, tool used for international network planning (1995), - RACE, map and status display (safety, fire and rescue teams) for the Formel-1 race control - TPMS wireless tire pressure monitoring system prototype (1996) - TAPOS, semi-autonomous, cost efficient GPS/GSM/ISM based truck and trailer tracking system (1998) - DRUNTER, low cost ground penetrating RADAR (GPR) (2000) 		

Job Title	Systems Engineer	Period	
		from	to
Company	ELEKLUFT (Bonn) / ESDAS (Ankara)	1992	1992
Role & Responsibilities	<p>Support to the subsidiary of ELEKLUFT in Turkey, ESDAS in the development of the new business unit "ATE" (Automatic Test Equipment), automatic unit testing for AWACS components:</p> <ul style="list-style-type: none"> - Project initiation, staffing and training. - Start-up support was finished by the successful test and acceptance of the first NATO E3A ATE project for NAMSA. 		

Job Title	Systems Engineer / Design Engineer	Period	
		from	to
Company	Elektronik und Luftfahrtgeräte GmbH (ELEKLUFT)	1987	1991
Role & Responsibilities	<p>Inter-disciplinary technical life cycle support for the German Air C2 and Sensor Systems:</p> <ul style="list-style-type: none"> - Fault Analysis of recurring defects, development of alternate technical solutions. - Develop prototypes and studies. - Analyze usability of alternate components for no longer deliverable spares. - Draft change proposals (ECP's) for in-use-systems. - Edit documentation changes. - Configuration Management and initiating the NATO and national codification process. 		

Job Title	Radar Systems Engineer	Period	Period
		from	to
Company	German Air Force	1980	1986
Role & Responsibilities	<p>Crew-leader at the MPR (Long Range RADAR) Site (NATO early warning installation) responsible for:</p> <ul style="list-style-type: none"> - The uninterrupted operation of the system (primary and secondary radar, ancillary equipment, related ADP and communications). - Repair of defects of the system and preventive maintenance. - Planning of preventive maintenance. - Administrative tasks. - Supervision and training of assigned personnel. 		

2. Education and Training

Name and location of establishment	Diploma/Degree obtained	Main Subjects	Period from	to
Städtische-Werke AG Kassel (Germany)	Power Electronics Engineer	Electrical engineering, power distribution systems, remote sensing and control	1976	1980
Air Force Technical School (Technische Schule der Luftwaffe), Lechfeld, (Germany)	Master in Radar Systems Engineering	Communications and long-range radar technologies and data processing	1980	1982
Institut für Fernunterricht, Bremen	Certificate remote studies Microprocessor and Computer Technology	Microprocessor technologies, digital control, hardware and software development principles	1980	1982
Control Data Institute, Frankfurt/Main (Germany)	Diploma in Computer Engineering	PC, workstation and mainframe technology, operating systems, operation, maintenance and repair	1986	1986

3. Other education and training, courses

Numerous trainings and courses, to mention: Business Transformation with EAM und TOGAF , Project Management, Enterprise Architecture with TOGAF, Risk Analysis, Executive Development Program, IT Security, Innovation for Powerful Outcomes, Introduction to Business in Asia, Negotiation and Conflict Resolution, Proposal Development, Development of PPP contracts, Risk Management, "Datenschutz / Datensicherheit"

4. Languages

Language	Comprehension	Speaking ability	Writing ability	Reading ability
German	Fluent	Fluent	Fluent	Fluent
English	Fluent	Fluent	Fluent	Fluent
French	Fair	Slight	Slight	Fair