



Summary PhD in electrical engineering. Expertise in communications solutions for businesses and law enforcement bodies. Seasoned Project Manager focused on the telecom sector. Experience in developing corporate strategies in IT and beyond. Extensive intercultural exposure and skills

Professional experience

since 06/2011 **Capgemini Polska** sp. z o.o., **Warsaw**, Poland
Head of Business Technology (B-Tech) Unit in Poland

Projects **Migration of product portfolio within an IT renewal programme** for a Polish telecommunications operator

2008 – 2011 **Capgemini Telecom Media Networks (TMN)** Deutschland GmbH, Düsseldorf, Germany and **Warsaw**, Poland
Senior Consultant and PM, representing Capgemini TMN in Poland

Selected projects **Optimisation of product portfolio** (financial, regulatory, technological) for a Polish telecommunications operator

Evaluation of options for the target billing architecture for a German IT & communications company

Fair value assessment of Networks & IT assets for a telecommunications operator in the Middle East

Development of an innovative product in the media area for a German IT & communications company

Business Intelligence study focused on governance & architecture for a Polish telecommunications operator

2006 – 2008 **A.T. Kearney** sp. z o.o., **Warsaw**, Poland
Associate (2008), leading IT and telco streams of strategy projects

Selected projects **Optimization initiatives in Networks, Radio & Engineering depts.** of a telecommunications operator in the Middle East

Cost cutting initiatives in Networks & IT following a benchmarking for an international group of mobile network operators

Evaluation of business opportunities enabled by telco technologies for Polish branch of an international bank

Definition of target IT infrastructure and quote requests formulation for an Austrian transportation company

2001 – 2006 Institut für Nachrichtentechnik, Universität Karlsruhe (TH)
(Communications Engineering Lab, **University of Karlsruhe**, Germany)
Research Assistant, several projects for the industry, teaching record

Selected projects **Overcoming barriers for wireless interoperability in public security** within a project pursued by the EU Commission

Minimization of immissions of wireless systems for the German Federal Ministry of Education and Research

Reconfigurable mobile station – mobile reconfigurable terminal in co-operation with Nokia Research Center

Multi-mode radio – advanced demonstrator model for an international consortium

02 – 04/2005 Tietoliikennetekniikan laitos, Tampereen Teknillinen Yliopisto
(**Institute of Communications Engineering, Tampere**, Finland)
Visiting Scholar, study of RF-related impairments

2000 – 2001 **IBM Deutschland Entwicklung** GmbH, **Böblingen**, Germany
Development of log files handling procedures for DB2 in SAP R/3

Piotr Rykaczewski

Curriculum Vitae

Education	1998 – 2006	Universität Karlsruhe (TH) (University of Karlsruhe , Germany) Dept. of Electrical Engineering and Information Technology PhD thesis on compensation of I/Q mismatches in Software Defined Radio (06/2006) MSc thesis on integration of UTRA FDD and UTRA TDD into multi-mode radio (09/2001, double German-Polish diploma) Scholarship of Klaus-Tschira-Stiftung (Tschira Foundation , 1998-2001)
	1996 – 2001	Politechnika Gdańska (Technical University of Gdansk , Poland) Dept. of Electronics, Telecommunications and Computer Science Double Polish-German diploma
	1992 – 1996	Gdynia Bilingual High School No. 3. Advanced university-level mathematics programme of Krajowy Fundusz na rzecz Dzieci (Polish Fund for Children , 1994-1995)
Selected publications		P. Rykaczewski, M. Valkama, M. Renfors: On the Connection of I/Q Imbalance and Channel Equalization in Direct-Conversion Transceivers, IEEE Transactions on Vehicular Technology, 05/2008, vol. 57, issue 3 P. Rykaczewski: Quadratureempfänger für Software Defined Radios: Kompensation von Gleichlauf Fehlern, Universität Karlsruhe (TH), Karlsruhe, 06/2006, ISSN 1433-3821 P. Rykaczewski, D. Pieńkowski, R. Circa, B. Steinke: Signal Path Optimization in Software Defined Radio Systems, IEEE Transactions on Microwave Theory and Techniques, Special Issue on Multifunctional RF Systems, 03/2005, vol. 53, issue 3 10+ papers presented at scientific and business conferences (mainly for the US audience)
Professional organizations		Member of IEEE (Institute of Electrical and Electronics Engineers) Diverse functions in German and Polish sections served (since 05/2001)
Strategic focus		IT strategy, governance (Business Intelligence), alignment between IT and operations , technology-driven product strategy, cost efficiency
Telco expertise	Platforms Waveforms	FPGA, DSP, SCA/JTRS API programming WLAN, WiMAX, GSM, TETRA, TETRAPOL, UTRA FDD/TDD, LTE
Computer skills	OS Programming Tools	Linux, Unix, Windows , incl. network administration C, C++, Perl, Web design : HTML, PHP, JavaScript Matlab, Maple, MS/Open Office, Databases : DB2, MySQL
Languages	Polish German English French	Native language Second language (proficiency corresponding to native) Fluent (Cambridge CAE exams, day-to-day working language) Fair spoken and written skills