

Aleksey Yevdokymov

Focus of the professional interest:
wireless technology, signal measurement,
electrical, optical and filtering algorithm
development: hardware and software application.
System integration, research and system / devise
development support, protocol stack testing.
Worldwide type approval and international
wireless product validation.



Experience	2005 May - (current)	7layers AG .	Ratingen,Germany
	Testing and Certification Project manager		
	<ul style="list-style-type: none">▪ Consultancy and services for the placing wireless and cellular products to the worldwide market including specific vehicle telematic and servise applications, testing support, worldwide frequency management application. Project Management , progress reporting, risk management, project management tools, project planning and control techniques▪ International experience and background in a complex multi business, multi cultural environment		
	2002 Apr - 2005 May	7layers AG .	Ratingen,Germany
	System Engineer /UMTS/.		
	<ul style="list-style-type: none">▪ Experience in TTCN-2/ ASN.1, test automation tools, /Using Telelogic Tau (SDT) / including automatic code generation tools development, telecom, RF protocols▪ Embedded systems and 3G protocol stack integration and validation for layers 1,2,3 in a mobile handset. Experience on Layer 3 UMTS most advanced./▪ Test specification for 3GPP 25.331 , 34.123, running, debugging and maintenance TTCN test cases for various test environments as well as supporting other testers and developers, investigating faults, and providing software builds.▪ Test working area includes test case specifications and design, Modifying existing test cases as per the changes in implementation of the software, test case execution and reporting results. Using Anite , Anritsu test automating tools and NOKIA specific application tool.▪ Test cases debugging; Integration and validation. Knowledge about the telecommunication standards (e.g. OSI 7-layers model) Knowledge in test specifications 3GPP.		

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- 3GPP Test cases validation for Anritsu and R&S test equipment
- Experience (continue) 2001Feb – 2002 **ALCATEL AG,** Stuttgart, Germany
from the site of consulting company HertrKom GMBH
- Project Engineer
- Synchronous Digital Hierarchy (**SDH**) optical transmission system, nodes administration, **link and ring test commissioning**. Software: Alcatel **Network management software (NMX), Craft terminal (CT)**. Transport and optical design, advanced knowledge of **SDH** and optical system, protection mechanisms, fiber design and technologies. Operations and maintenance of switching and transmission network. Hardware: and software components of **ADM(1640-1660SM), WDM(1640) SDH Alcatel equipment**, fault finding on a detailed leveling in installing, commissioning and routing traffic. Network analyzing tools.
 - Took part in the Alcatel projects for German domestic SDH ring: I-21 communication, KPN Quest, Viag Intercom
- 1996-2001. Jan **RADIOCOM JSC** Kiev, Ukraine
- Communication Engineer, Leading specialist
- Management, service and support of **PHILIPS SOPHO S3000** telephone switch, installation of special applications as **DECT** and **Call Manager** systems, also PBX **management system and backup system** in SCO UNIX environment; connection to PBX network via **DPNSS protocol**.
 - IP TELEPHONY application: configuration, setting and measurement of satellite system, billing system configuration.
 - Management of **Radio-paging system sites**, planning of wireless infrastructure, coverage research and analysis. Network planning. **Customer Helpdesk**.
 - Testing service and adjustments of transmitters, radiolink systems. (MOTOROLA equipment). Measurement and research: WSWR, antenna-feeder tract, connector and attachment, traffic measurement.
 - Management of wireless paging network Service and Support Department
 - **Wireless-radio measurement** using service monitor **CMS54 (ROHDE&SCHWARZ)** and **spectrum analyzer HP8920**. Troubleshooting wireless networks, including spectrum analyzer operation, design analysis. Survey, design, install and repair RF (wireless) network systems to include RF equipment.
 - Installation software and hardware application for network solution. Equipment: modems, terminal server and routers. Protocols: **G703, HDSL, X25, IP, DPNSS, ISDN**. LAN switching solutions and cable systems.
- 1992-1998 **Academy of Science. Electrodynamic Inst.** Kiev, Ukraine
- Development Engineer
- Development of electronic circuits, measurement algorithms. Hardware & software for **LASER higher accuracy precision distance measurements systems**; engineering research. Analog, digital IC, general-purpose digital logic, analog circuits, A/D & D/A converters, memory and standard computer system bus components & systems. Skills in "design for

Experience (continue)	<p>manufacturability" including reliability, circuit yields, turn-on procedures, self-calibration and diagnostics.DSP algorithm development and implementation</p> <ul style="list-style-type: none"> ▪ Microwave circuit for distancemeter and rangefinder(HF-receiver, HF- attenuator, power module; programs and algorithms for data analysis on BASIC,ASM8051,C ; optical attenuators – construction, research electronic and optical part. CADs: PSPICE, MICROCAP, MathCad,ORCAD. ▪ Took part as Development Engineer in the project for LASER measurements systems by Government Orders for geological, coal mining, and military purposes.
	<p>1988-1991 National Technical University. Kiev, Ukraine Technical assistant</p> <ul style="list-style-type: none"> ▪ Research, construction of microwave circuits. Frequencies 0.5-8 GHz , microwave measurements & modeling. Scientific investigation support. <p>1986-1988 Ministry of Defense of the USSR. Technician /military service/</p> <ul style="list-style-type: none"> ▪ Adjustments, testing of nodes and systems of radar stations, support of rocket launch, and artillery shootings. Military RF experience.
Education, trainings	<p>1984-1991 National Technical University Kiev, Ukraine</p> <ul style="list-style-type: none"> ▪ BEE, Radio engineering. <p>Specialization: Development of microwave, wireless circuits, optical systems, designing and development of the signal processing algorithms.</p> <p>1988-1991 National Technical University Kiev, Ukraine</p> <ul style="list-style-type: none"> ▪ Technical translator. English – Russian <p>1987, March Philips BC Training Center Hilversum, Holland,</p> <ul style="list-style-type: none"> ▪ SOPHO system series S3000 telephone switch service and support. Call center and ACD system setup <p>1999, February RAD Technical training Kiev, Ukraine</p> <ul style="list-style-type: none"> ▪ RAD routing , data communication & network management systems <p>2001, February HP invent Educational Center Stuttgart, Germany</p> <ul style="list-style-type: none"> ▪ HP Unix System administration <p>2001, March Seminar&Workshop ACTERNA Stuttgart, Germany</p> <p>SDH basics, ANT 20 measurement, product line training</p> <p>2001, March, Apr. Alcatel University Stuttgart,Germany</p> <p>ALCATEL ADM, WDM - SDH transmission system, operation, maintenance, test and fault finding . Product line training.</p> <p>2002, March Danet GmbH Darmstadt, Germany</p> <ul style="list-style-type: none"> ▪ Using telelogic Tau TTCN-2 for conformance testing <p>2003, Febr Anite Telecoms Ltd Fleet , UK</p>

Education, trainings (continue)	<ul style="list-style-type: none"> Product line training Anite 3G protocol test system 2003, March ORGA Test Systems GmbH Paderborn, Germany USIM, (SIM) testing. SIM simulating, test suite handling. ORGA test platform training 2003, November ROHDE&SCHWARZ AG Munich, Germany CRTU-W UMTS ,3G test system. R&S test platform training 10-12 March 2005 TA&M Gröper GmbH Gröbenzell, Germany Communication in sales and sales training 2005, June PHOENIX TESTLAB GmbH Blomberg, Germany
Publications	<p>Certification wireless and Telecom equipment</p> <ul style="list-style-type: none"> Notifications in according to R&TTE Directive 1999/5/EC (EU) TCB, FCC for the US market ; FCB, IC for the Canadian market <p>2007 17 Apr Communology GmbH Herzogenrath, Germany</p> <ul style="list-style-type: none"> Introduction to J2ME and GSMNA Java Testing Internal training in Ratingen <p>Report on subject " Higher accuracy precision LASER distance measurement system for Geodesic application". Academy of Science of the Ukraine. Institute of Electrodynamics. Department of "Precision higher accuracy electromagnetic measurement. Kiev-1995.</p>
Tips	<ul style="list-style-type: none"> Advanced knowledge's on the structure of mobile communication systems NMT, GSM, GPRS, UMTS, CDMA ,POCSAG,RDS satellite and wireless communications, Network management, CTI applications, Frame Relay. Measurement, protocol analyzing , network management Standard PC software, presentation, graphical application, CADs: OrCAD, PSPICE, MicroCAP, MathCAD, MATHLAB. Languages: C, BASIC, FORTRAN, PL-1, HTML, LINUX scripts. OS: LINUX, OS/2, WinNT/98, CDOS. Standard PC hardware, RAID, LAN, cabling., measurement, protocol test equipment Focus of professional and scientific interest – wireless technology, signal measurement, electrical, optical and filtering algorithm development: hardware and software application. System integration & research. Team player, share ideas and projects with others. Discipline, perseverance, responsibility, hard work describe my job ethic Languages : English, German, Russian, Ukrainian. Polish (need to be refreshed to use fluently), Japanese –basic level Driver license. 42 years old. Married, one daughter. Hobbies: family life, chess, jogging.. Status in Germany: Unlimited residence and job permit.

More comprehensive information available on the request
yevdokymov@yahoo.com