

Jan Van Bruaene

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PROFILE

- Coach, mentor, support system, and advocate for my team. Built, managed, and directed a high-functioning, distributed, and multi-cultural engineering team of 100+ members.
- A leader with a hands-on style and technical understanding of the problems the team is solving. Problem solver, brainstormer, and a person who gets things done, with an eye for high-quality.
- Managed medium-sized software projects and delivered software for large-scale, safety-critical, and real-time distributed systems.
- Clear communicator who appreciates well-written narratives and clear charts.
- A curious mind with an insatiable appetite for learning. Avid reader.

PROFESSIONAL EXPERIENCE

REAL-TIME INNOVATIONS (<http://www.rti.com>)

Vice President of Engineering (01/2012 - present)

- Member of the executive management team, responsible for the strategy and operation of the company.
- Leading research, development, quality, and support of a family of secure, high-performance software products for real-time distributed applications. RTI is the largest software framework provider for Autonomous Systems.
- Hired and built a 100+ member distributed team, with development centers in Silicon Valley, Denver, Granada, Spain, and Poland. Set the foundation to scale the organization by growing managers and technical leaders from within the team. Working continuously to improve communication and collaboration between distributed teams.
- Created the software development, vulnerability, and quality processes, including for safety-certifiable products (DO-178C, ISO-26262). Our processes have successfully passed audits by customers following healthcare and aerospace standards.
- Responsible for RTI's research activities and team, with ten years of over \$3M/yr in SBIR-funded projects.

Director of Application Services (07/2010 - 01/2012)

- Proposal lead, project manager, and team lead for customer-specific new feature and platform development. Deal size varied between \$50K and \$1M+.
- Spearheaded a rapid prototype team to shorten the sales cycles, leading to winning key accounts, including GE Healthcare Imaging.
- Established scaling partnerships with other services companies.

Project Manager, Services (08/2009 - 06/2010)

- Created winning technical proposals and successfully managed medium-sized multi-phased projects: e.g., zero-copy performance, flexible multicast configuration, group sample ordering, message

prioritization, PCIe transport, and OS porting projects. Projects included implementation, training, and consulting services. Projects ranged from \$40K to over \$2M.

- Track record of turning projects around and delivering successfully, and on time.

Software Support Manager (05/2007 - 08/2009)

- Proud to have led the RTI software support team to achieve 98% customer satisfaction.
- Established support processes and service levels in different markets, including bug tracking, patch delivery, escalation, and case management, establishing agreements for 3rd party product support, 24x7 support, online customer support portal, internal and public knowledge base, FAQs, etc.
- Hired and trained the support team. Developed career plans, and mentorship programs.
- Technical support lead: hands-on debugging and resolving product issues on a wide variety of platforms and programming languages, including C, C++, and Java.

Senior Applications Engineer (06/2006 - 05/2007)

- Consultant, trainer, architect of customer integrations, and developer of turn-key solutions. E.g., a bridging application between a proprietary tactical data link service and applications using DDS was critical in a \$1.9M customer project.
- Co-lead on a Phase II Air Force Small Business Innovative Research (SBIR) project investigating an innovative Data Distribution Service based middleware for a Plug-and-Play Modular Spacecraft.
- Wrote technical proposals and technical papers. Presented at conferences about data-centric middleware design, including the AIAA Aerospace conference and Undersea Defense Technology conference.

SUN MICROSYSTEMS

Staff Engineer (07/2003 - 06/2006) and Software Engineer, I/O Tech (01/1999 - 07/2003)

- Ensuring Sun's software and hardware partners worked best on Sun's workstations and servers, through ISV integrations, performance benchmarks, development kits, and sales support.
- Worked with partners of Sun's grid and utility computing, with supply chain management and business intelligence partners, and with independent hardware (I/O and networking) partners.

VLSI TECHNOLOGY - telecom and networking silicon

Application Engineer (11/1995 - 01/1999), Intern (07/1995 - 11/1995)

ALCATEL BELL TELEPHONE

Intern (07/1994 - 05/1995)

EDUCATION

- Graduated Summa cum Laude with a Degree of Engineer in Electronics, Digital Communications (Master of Science), KHK, Geel, Belgium.
- Continuing education at UC Berkeley, UC Santa Cruz, and Coursera (University of Michigan) in accounting, project and risk management, data analysis, and negotiation.