Pascal Babusiaux

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Program & Project Manager | R&D, Procurement & IT | Strategy & Planning

People-oriented Technology Leader, with a can-do attitude and an interest for business to reach corporate goals. Rare combination of engineering and solid project management, juggling many issues simultaneously to meet critical deadlines. Confidently communicate across all levels and deliver presentations with a positive and solution-focused approach to inspire stakeholders to take action.

Career Benchmarks

Procurement & Program Management – Led procurement and program management for 20 contracts for multi-million-dollar programs for delivery of mission-critical information technology systems.

IT Architecture Delivery & Team Management – Drove team of 48 engineers and SMEs to bring a R&D prototype and a new fully operational architecture to execution, demonstrated usability, leading to the first-ever delivery of a validated architecture of the program to military users.

Product Development & Promotion – Marketed R&D information system product value to operational users emphasizing product features, leading to product selection for high priority project while promoting mature solutions. Led cross-functional teams and anticipated interface issues to successfully deploy in theatre of operations.

Strategy & Roadmap – Developed, evaluated, and directed strategy for funding and team participation in multinational activities and streamlined portfolio of partnerships. Designed strategic roadmap to justify program participation, which led to acceptance by IT program.

Value Offered
- Strategic Planning
- Project Management
- Budget Management
- Contract Management
- Product Management
- Cross-Functional Team Leadership
- Digital & Media Technologies
- Networked Architectures
- Information Security
- Risk Management
- B2B Presentations
- Change Management
- Consensus Building

Professional Experience

Direction Générale de l'Armement (DGA), Paris, France   2008–Present

As the **Program Management Office (PMO) Quality and Finance Manager**, managed budget of $200M+ sizable contracts for deploying telecommunications infrastructures for the French Navy with executive reporting.

- Analyzed and executed fast-paced financial payments with business unit and finance cell on $36M annual budget forecast and reporting. Assessed and mitigated risk, scheduled resources, and reported to executives on Key Performance Indicators (KPI).
- Negotiated and approved quality and timeframe of deliverables with vendors after interfacing with Subject Matter Experts (SME) specifying state-of-the-art technology requirements.
- Led cross-functional teams in the execution of contract management from specifications to quality assessment, root cause analysis, and solution identification.
- Determined and applied accounts payable for qualified deliverables in concurrent flows, consolidated and tracked, the Program Portfolio Management (PPM) tool.

As **IT Lead & Project Architect,** led technical activities and reporting in procurement of IT solutions to inject high-level expertise in design, development, integration, and testing of complex architectures supporting the Forces operational processes and exchange requirements. Managed R&D, standardization, and acquisition activities between NATO, bilateral partners, and the $800M French national IT program and $9M advanced studies.

- Negotiated multiple contracts annually to match ambitious deadlines with specific time targets.

Professional Experience

Direction Générale de l'Armement (DGA), Paris, France **- continued**   2008–Present
IT Lead & Project Architect
- Served as National Representative and interfaced between partners and national teams to leverage networking opportunities, gain credibility with foreign partners, and open opportunities for collaboration.
- Developed and executed project agreements with foreign countries on low-to-mid Technology Readiness Levels (TRL).
- Maximized architecture functionality, network elongation, and maintainability while conforming to security requirements and extending capacities remotely.
- Assessed and aligned maturity of IT architectures and developments to meet program requirements.
- Matured software prototypes from initial design to deployed interoperable architectures covering large business cases.
- Built consensus in project agreements with stakeholders within operations, technical, strategy, and legal.
- Built business plans, created annual operational budgets up to $2M, negotiated vendor contracts, and received project approvals for multiple projects, injected and followed on Planisware.
- Established project plan, work breakdown structure, and budget estimates, while identifying and obtaining resource allocations.
- Publicized experimentation results and satisfaction of end-users, and injected feedback into the program for future modifications.

> **Pivotal Success**
> Led continuously increasing teams of experts and consultants, guiding team members to achieve positions of international leadership.

> **Pivotal Success**
> Prioritized, selected, and exposed systems and users in simulated environments for visibility and lessons learned, leading to a green light to deploy architecture while identifying need for specialized training.

As **IT Architect – Operational Intelligence, Advanced Studies in Space and IT,** applied technical expertise in contracting innovation projects and concept development. Negotiated, selected, and conducted multimillion dollar annual 15 contracts on interface standardization and business integration and directed execution in multinational environments. Led evaluation of prototypes with simulation systems.
- Defined Standard Operating Procedures (SOP) and contributed to development of interoperability standards and interfaces.
- Reported project status, Technology Readiness Levels (TRL), cost tracking, and budgets to senior management.
- Contributed to long-term R&D strategy, procurement strategy, and technology baseline.
- Coordinated project plans with foreign partners in working groups and bilateral project management team.

> **Pivotal Success**
> Chosen as Recipient of Best Project by management team for very efficient synergy between operational staff and the industry.

Communication & Systems (C-S), Toulouse & Paris, France   2001–2008
As liaison between customers and users as well as experts, engineers, contractors, and vendors, led requirement management, architecture and design, project planning, and reporting teams. Coordinated outsourced teams, including documentation, testing, validation, product packaging, change management, and training.

As **Lead Project Engineer,** led deployment and upgrade of state-of-the-art 24/7 Security Operating Center (SOC) and Network Operating Center (NOC) for the French National Police architecture.
- Developed and deployed IT Service Management solution to manage the Command and Control Systems in 98 districts, fail-safe architecture, including building in multiple system redundancies.
- Provided IT service continuity plan for the secured architecture and services as well as network availability.
- Contributed to writing technical and financial proposal valued at $500K, accepted by the French National Police, and deployed the IT Service Management tool. Adjusted configuration by analyzing the data**.**

Professional Experience

Communication & Systems (C-S), Toulouse & Paris, France (continued)   2001–2008

As **IT Consultant,** led team of consultants to establish business scenario and assess the quality of data weekly prior to migration of $5B Geographic Information System (GIS) project for the French Energy provider.

- Optimized process of migration of databases larger than 30 terabytes.
- Proactively anticipated heterogeneous data building an auditing tool used to generate biweekly reports to 135 users and directed users on how to upgrade data to meet reliability standards.
- Defined qualification policy and led team of 12 technical experts to generate optimized simulated data sets.

As **Project Manager,** coordinated three teams to build the solution for the Satellite Control Center for EUTELSAT, which included the telemetry decommutation module, ground control and routing high availability solution, Human Machine Interface (HMI). Planned and reported with MS Project.

- Wrote critical training instructions, trained spacecraft engineers, and deployed and set up the system onsite, and supported Launch and Early Orbit Phases.
- Established and maintained documentation, version control, performed continuous integration, verification and validation (IV&V), and product packaging.

Career Chronology

Direction Générale de l'Armement (DGA), Paris, France   2008–Present
DGA is the French Government Defense procurement and technology agency accountable for 10 billion euros a year for the program management, development and purchase of Defense systems for the French military.
Program Management Office (PMO) Quality & Finance Manager (2015–2016)
IT Lead, Tactical Infrastructure & Operational Services, International Interoperability (2011–2015)
IT Architect – Operational Intelligence, Advanced Studies (2008–2011)

Communication & Systems (C-S), Toulouse & Paris, France   2001–2008
C-S is a major player in engineering and operations of mission critical IT systems, providing consultancy, design, development, integration, maintenance and operational support on complex and sensitive systems.
Lead Project Engineer, Paris, France (2005–2008)
IT Consultant, Paris, France (2002–2005)
Project Manager, Toulouse & Paris, France (2001–2002)

Professional Organizations

Project Management Institute (PMI) – **Project Management Professional (PMP)** Candidate, 2018–2019

Education

Master of Science and Engineering – French Grande Ecole d'Ingénieurs | ENSTA Bretagne, France
Research Fellowship – Spacecraft & Mission Design | California Institute of Technology (CALTECH), Pasadena, CA

Professional Development

Economics and Computing | Information Security, Princeton University, Auditing – 2017

Program Management for Officers and Directors | Program Management Tools and Methodology
Process Communication Management (PCM) | DGA Internal Training, 2015–2016
International Negotiations, Business France, 2012
Project Management, C-S Internal Training, 2004
Total Quality Management, C-S Internal Training, 2001