

# Alexander SAMARIN

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Fluent in English and Russian; proficient in French • Swiss and Russian nationalities

## Architecting for innovative transformations and world-class operations

### Solutions for banking, insurance, e-government, e-governance and other sectors

- Holistic use of BPM, SOA, EA, ECM, IT governance and IT strategy for major international clients.
- Top quality design and delivery of IT services, enterprise-wide architectures and solutions.
- Creation of synergies between business goals and IT potentials.
- Effective communication of architectures to all stakeholders (from top management down).
- Visionary but realistic enterprise and business architect.
- Creation of production systems with built-in flexibility and extensibility.
- Experience in moving major enterprises to fully electronic (digital) working.
- Author of highly rated BPM and SOA bible on "Improving enterprise business process management systems" (see [www.improving-BPM-systems.com/book](http://www.improving-BPM-systems.com/book)).

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Business Process Management (BPM) • Service-Oriented Architecture (SOA) • Creative thinking  
Business architecture • Project management • Solutions development • IT strategy • IT governance  
Team leadership • Effective communication • Problem solving • System evolution • Strategic planning • ITIL  
Business process analysis • BPMN • Agile software development • Emerging technologies

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## PROFESSIONAL EXPERIENCE

**SAMARIN.BIZ, Switzerland • 2013-Present** (Individual consulting, education, architecting, implementation)  
Assignments:

- "Modernisation of the application architecture" for a Swiss insurance company.
- "BPM in Practice" conference presentation "Business Architecture Patterns", Vilnius, 2013.

**AFRICAN DEVELOPMENT BANK, Tunis, Tunisia • 2010-2013** (International financial organisation with 32 field offices and more than 2 000 employees)

### Chief enterprise architect

Leading and supervising critical IT initiatives at the Bank. Main projects and activities:

- Introduction of project governance process for internal project management.
- Review of the Bank's enterprise architecture and definition of business architecture.
- Initiation and planning of a "Corporate ECM/SharePoint platform" project.
- Application of BPM principles for the implementation of ITIL v3.
- Development and maintenance of an EA repository in ARIS.
- Documentation of business processes for the SAP-based core-business ERP system.
- Development of the Bank's IT strategy.
- Architecting of the Bank's progression to cloud computing.
- Architecting Business Intelligence (BI) and Enterprise Risk Management (ERM) platforms.
- Implementing of fully electronic production and administration via a set of agile mini-projects.
- Obtained the primary certification of the SAP customer Centre Of Expertise (COE).
- Introduction of BPM (from business and technical sides) into the SAP NetWeaver 7.3 development.

**TEAMLOG (SUISSE) S.A., Geneva, Switzerland • 2007-2010** (IT consulting firm with 12 employees)

### Enterprise architect & BPM coach for the State and Republic of Geneva • 2007-2009

Managed critical IT initiatives for the State of Geneva's IT department, comprising 600 employees and 35 000 users. Streamlined enterprise architecture by introducing process-based solutions. Main projects:

- Documented technical reference architecture.
- Established global IT security principles.
- Ensured optimal performance of enterprise backup services encompassing 500 TB.

- Applied BPM/SOA principles to 30 MCHF cantonal e-government project.
- Developed tools for industrialisation of the enterprise architecture.
- Prepared operational process-based prototypes to improve business requirements.
- Integrated project management methodology and enterprise architecture.
- Carried out architectural reviews of about 100 IT projects per year.

#### **BPM/SOA/EA consultant • 2007-2010**

- Delivered BPMN-based training for European Directorate for Quality of Medicines and Health Care.
- Delivered a keynote presentation at “Architecture World 08” Conference in Bangalore.
- Developed principles of Swiss e-government architecture.
- Delivered BPM training course for “Quality and Strategy Manager” education, HES-SO, Valais.
- Delivered a presentation at 5<sup>th</sup> Business Process Excellence Summit, Dubai, 2009.
- Delivered several webinars “How to use BPMN for modelling business processes”
- Steering committee member of the Swiss E-government Architecture Community (SEAC).
- Performed consulting of Cap Gemini about Intalio BPM suite.
- Participated in the BPM-centric implementation of an IS/IT system for a governmental agency within the Financial Department of the State and Republic of Geneva.
- Active participating in the BPM/SOA consortium of OMG.
- Delivered 2 lectures for “Master Management des SI - Orientation BPM” education, HES-SO, Valais.

#### **CLIO S.A., Geneva, Switzerland • 2006-2007** (IT consulting firm with 20 employees)

##### **Senior IT Architect (BPM/SOA coach in a team for Groupe Mutuel)**

Actively participated in redesign initiative of core internal system for Groupe Mutuel, Switzerland’s 3<sup>rd</sup> largest insurance company. Use of Java and IBM technologies. Many tasks:

- Implanting practical enterprise architecture and adapting the implementation approach to the customer’s realities.
- Developing of agreed architecting, designing and engineering principles, namely:
  - architecting of future flexibility, the big picture,
  - importance of business events, long-running processes,
  - avoid dispersion of business logic,
  - building blocks, services and processes,
  - choice of service coordination techniques ,
  - many views on a BPM system for different stakeholders: normal user, line of business manager, IT operation support, end customer, BPM development team member, BPM architect.
- Developing and documenting common implementation practices:
  - versioning of artefacts, naming and other conventions,
  - patterns for domains, interfaces, business objects (data structures) and processes,
  - business process modeling procedure,
  - diagramming style in BPMN, programming style in BPEL,
  - discovery of services.
- Developing prototypes in WebSphere Integration Developer, version 6.0:
  - process for application “Offre”,
  - business object services for domain “Partenaire”,
  - use of form-based user interface.
- Filling the gap in some related issues:
  - Security,
  - helping in evaluation of some enterprise tools (business rule engine, document management system, etc.)

In addition:

- Directed prototyping of BPM/SOA solutions in IBM WebSphere, Oracle SOA suite, and Intalio BPMS.
- Gave “Implementing BPM on SOA” presentation at Intalio business breakfast, Geneva, 2006.
- Delivered “From agile development to agile evolution of enterprise systems” presentation at EuroPython Conference, Geneva, Switzerland, 2006.
- Elected to deliver presentation at Open Group’s Enterprise Practitioners’ Conference in Lisbon, 2006.

### **INDEPENDENT CONSULTING – IMPROVING BPM SYSTEMS, Switzerland and the U.K. • 2005-2006**

Leveraged BPM expertise to assist multiple Swiss and British clients in driving critical IT initiatives. Use of ECM (Livelink), Java, .Net, and Microsoft technologies. Key projects:

- Developed and implemented Plone-based CRM system for André Chevalley Group in Geneva/Nyon.
- Led IT system audit at International Union for Conservation of Nature in Gland, Switzerland. The audit was well accepted and used as a basis for further development of the enterprise IT system.
- Improved Livelink-based solutions for British United Provident Association (BUPA), U.K. The following tasks were completed:
  - analysed and documented of the architecture and deficiencies of the current application (it was very difficult to modify this application);
  - proposed re-architecting of the integration between existing enterprise systems – this new architecture avoids customisation of the commercial products, unifies solutions and simplifies their evolution;
  - prototyped and implemented the missing system components in Java and .Net;
  - carried out a few lived demonstrations of the new solution for the users,
  - put the new solution for user acceptance testing.
- Gave “The use of Plone for enterprise solutions” Plone conference, Vienna, Austria, 2005.

### **A.C. CONSULTING S.A., Chêne-Bourg, Switzerland • 2004-2005** (IT consulting firm with 4 employees)

#### **Chief enterprise solutions architect**

Directed comprehensive enterprise systems activities including architectural design, implementation, deployment, and evolution for several international clients and public-sector organizations.

### **TEAM PARTNERS SUISSE, Geneva, Switzerland • 2004** (An IT consulting firm with 30 employees.)

#### **ECM specialist**

Enhanced enterprise document and records management system for International Olympic Committee by resolving issues and creating BPM/SOA-based system evolution strategy. Use of ECM (Livelink), Java, .Net, Microsoft technologies. Following prototypes were implemented:

- the annual evaluation of staff members;
- the processing (attribution of metadata, storage and distribution) of incoming mails; and
- the automation of the preparation of top management meetings.

### **ISO CENTRAL SECRETARIAT, Geneva, Switzerland • 1993-2004** (An international non-governmental organization)

#### **Support Coordinator for Electronic Publishing of Standards • 1996-2004**

Spearheaded development and maintenance activities to support IT-based automation initiative for standards production. Extensive use of SGML, Web, CORBA (as an enterprise service bus), workflow, Java, XML, Python, electronic publishing, application servers, document management systems (mainly Livelink), content management systems (Zope and Plone), Unix (mainly Solaris), MS-Windows, Linux and Oracle. Main tasks:

- ensuring top performance of standards production processes, involving 3 000 complex technical documents annually, 50 participants and tasks, 3 production chains, 7 repositories, and 40 IT services;
- understanding of business and user needs;
- provision of operational long-term decisions regarding IT solutions;
- working with users to develop business solutions;
- systematic migration of production tools and environment.

Other projects (acted as a project manager or an IT leader):

- formulation and implementation of IT strategy for the ISO;
- design, implementation and maintenance of a component-based architecture to allow the use of existing programs and applications for network-based business services;
- business process automation based on workflow with broad involvement of the users in both the maintenance and further development;
- automated monitoring of the production environment;
- design and implementation of an SGML-based production system.

**Electronic publishing expert • 1993-1996**

Responsible for electronic publishing: electronic document preparation, exchange, processing (using modern publishing systems) and dissemination.

Main projects (acted as a project manager):

- printing on demand;
- management of internal documents in the ISO/CS;
- automation of the ISO/CS quality system;
- feasibility study for a document management system;
- implementation of the ISO publications catalogue for paper and Web delivery.

**INSTITUTE FOR HIGH ENERGY PHYSICS, Protvino, Russia • 1979-1993**

**Senior scientific assistant • 1991-1993**

Main projects and activities:

- leader of a group (5 persons) of IT staff;
- implementation and maintenance of electronic publishing systems aimed at scientific publications.

**Scientific assistant • 1979-1991**

Main projects and activities (main tools: DEC-10, assembler, Fortran):

- development and support of a system dedicated to film analysis;
- research and development of computer graphics systems and applications for high energy physics;
- research and development of text and document processing (in 1987 I was assigned in charge of all TeX-related works; we developed the Russian version of TeX).

**CONSULTING POSITIONS**

**The Australian National University, Canberra, Australia, Visiting fellow • 2003**

Pilot project for automation of some business activities at the Research School of Physical Sciences and Engineering via Zope/Plone.

**CERN, Geneva, Switzerland, Scientific associate • 1992**

Main projects and activities:

- development of LaTeX on all major computer platforms;
- user support for CERN and CERN-related laboratories.

**CERN, Geneva, Switzerland, Scientific associate • 1989-1990**

Main projects and activities:

- support of the user community;
- design and implementation of an SGML system based on TeX for VAX/VMS.

**EDUCATION**

**Doctor of Philosophy • Dissertation: "Computer Graphics Applications in High Energy Physics"**

Institute for High Energy Physics, Protvino, Russia, 1986

**Diploma • Dissertation: "Portability of Operating System Components"**

Moscow Physics-Technical Institute, Moscow, Russia, 1973-1979

**AFFILIATIONS: IEEE • ISACA**

**PUBLICATIONS:** "Improving enterprise business process management systems"

\*\*\*Extensive list of other publications and technical skills available upon request\*\*\*

**PROFESSIONAL BLOG:** <http://improving-BPM-systems.blogspot.com>

**PERSONAL WEBSITE:** <http://www.samarin.biz>

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