



**Fact sheet short description**

The capabilities and the process methods followed by ValueSource India for the Java Practice are highlighted in this fact Sheet

**About Us**

ValueSource India currently offers application development services to KBC group, one of the largest banking & insurance groups in Europe.

**Java**

Java has been synonymous with enterprise developers as a solution capable of supporting mission critical applications. Over the years Java has consolidated its position to being a technology standard platform.

ValueSource was quick to realize this opportunity and set up "Value-J", as we call, the ValueSource Java department to enable the customers to get the best benefits of Java. The Value-J captures the complexities of client's business requirements and translates them into highly scalable technical solution.

**Evolution of Value-J**

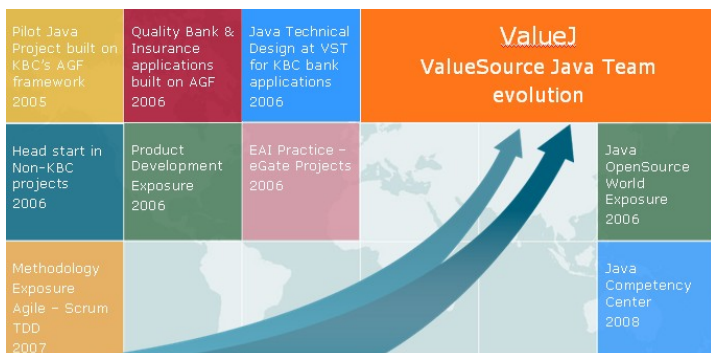


fig. evolution of ValueSource Java Team - ValueJ

**Key Strengths**

ValueSource takes pride in their people, process, and technology and works in partnership with clients to provide solutions for their business requirements. This differentiates ValueSource from other software companies.

- o Value-J's technical personnel are sun certified professionals, highly skilled engineers, well-versed in Object Oriented Methodology. Value-J's technical leaders, developers are engineers with vast international experience in providing solutions to the global market.
- o Value-J's processes are tuned to industry standards. Its strict adherence to standards enables it to deliver high quality software products consistently.
- o Value-J's client partnership ensures collective responsibility and contributes towards the success of the projects.

**Skill Areas**

With its skilled leads, Value-J continuously strives to improve on three directions:

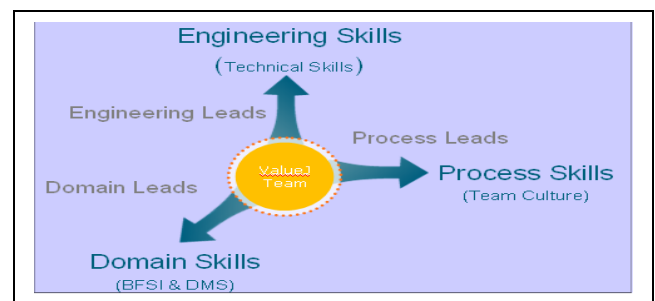


fig. 3-directional skill improvement

**Process Skill Areas**

Value-J takes the Software Development to the next level by using different methodologies from



traditional waterfall methodology to Agile processes such as Scrum based on the customer requirement and nature of the project:

### 1. Agile Methodology

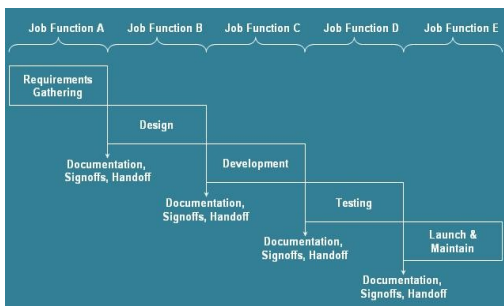
- o Scrum



fig. Scrum

- o XP
  - Pair Programming
  - Test Driven Development
  - Refactoring
- o UP

### 2. Waterfall Methodology



### 3. ValueSource's QMS system

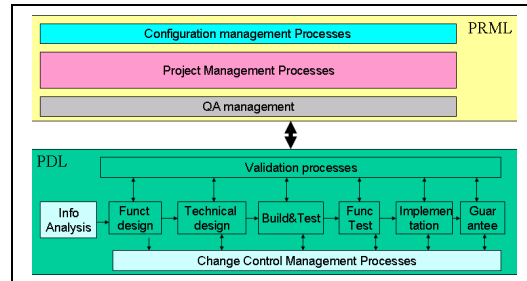


fig. QMS – Project Management & Product Development Lifecycle

### 4. CMMi

#### Domain Skill Areas

- Banking
- Insurance
- Document Management System
- Intranet/MIS/HRIS

### Value-J Competency Center

ValueSource has built a “Value-J Competency Center”, which is cross-organizational unit that provides Java know-how and expertise to external and internal customers. It is also mainly responsible for expanding Value-J team’s competence in this technology.

Value-J Competency center helps customer realize the benefits of Java and J2EE platforms, and related technologies including Web Services. Value-J Competency center is built to focus on skill building, knowledge management, pioneering research in emerging Java technologies and conduct internal training programs for continuous learning and hands on experience.

Value-J Competency Center has been formed also with the intention to research on Open Source softwares and provide training to the team on the same. Customization of Open Source development applications innovatively for wide adoption of customer is also the focus.

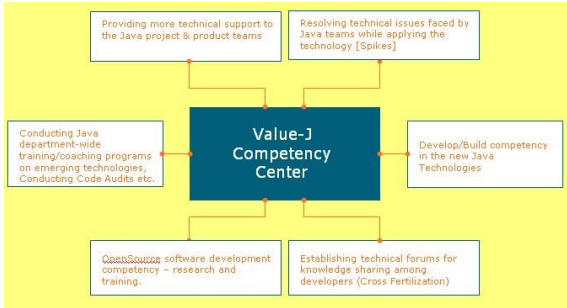


fig. objectives of Value-J Competency Center

### AGF Projects

AGF (API Group Framework) is an in-house J2EE framework designed and developed by KBC ICT personnel for building banking & insurance application for KBC Group of companies.

Value-J AGF team comprises of sun certified professionals that have very good exposure to AGF, and continuously work in partnership with KBC ICT personnel to design, develop and maintain banking and insurance applications for KBC Group of companies like KBC, CSOB.

Value-J AGF team has involved in different kinds of projects like:

- o **Migration of Existing Platform:**

Value-J helps KBC/CSOB to move its legacy systems to Java platforms in a high quality and cost-effective manner. One such project was the migration of CSOB bank's branch (S-cube) application built on top of FAF framework into AGF framework for improved performance.

- o **Re-engineering and Optimization of Existing Applications:**

Value-J helps KBC/CSOB to improve performance of existing applications by re-engineering, enhancing functionalities and removing bottle-necks in application code.

- o **Designing & Building new applications:**

Value-J AGF team focuses its core-strengths to assist KBC/CSOB by preparing technical designs using Mega and building a completely new application with high quality and cost-effective manner. Value-J's

expertise in vertical (banking & insurance) and technical domains has positioned them strongly within KBC ICT. Value-J also ensures that the solutions are deployed and implemented with its best practices.

### Skill Areas

#### Technical Skills Areas

<b>Web/Application Server</b>	<b>IBM Websphere JBoss BEA WebLogic iPlanet Tomcat Apache</b>
Standards	Java, J2EE
IDEs	Websphere Studio Application Developer RAD Eclipse, EasyEclipse NetBeans
Databases	SQLServer Oracle DB2 MySQL
Configuration Tool	Clearcase UCM Subversion Tortoise SVN Win CVS PVCS
Framework(s)	AGF (J2EE) Spring Struts Webservice Axis Framework
Quality & Test tools	Checkstyle, Findbugs JUnit EasyMock Code Checker
Design Tool	Mega, Rational Rose Omondo, SQL Designer
Bug-tracking tool	Peregrine,



	Mantis, Bugzilla
Project Management	MSP/EPM, XPlanner, Good Agile Rally
Other tools	Sygel
Security	JAAS (Java Authentication and Authorization Service) Acegi Security
O-R Mapping tool	Hibernate iBatis
Build Tool	Maven Continuum Cruise Control ant
Other technologies & tools	JMS JDBC, JNDI Web Services WSDL, SOAP XML – SAX, DOM, XSD JAXB J2EE Design Patterns UML OpenOffice Eclipse RCP, Swing Log4J EhCache Sygel Entity, Session and Message beans jInstaller

**Process Skill Areas**

Value-J AGF team strictly adheres to the processes of QMS, the Quality Management System defined by ValueSource Quality Management Group.

**Domain Skill Areas**

- Insurance
- Banking

**Why ValueSource India**

- ValueSource India is a subsidiary of KBC Bank, Belgium and the offshore development partner for KBC Bank.
- ValueSource India has the right experience and methodology of a software company to handle end to end software development, maintenance and Enhancement needs.
- ValueSource India is capable of applying its extensive experience obtained from earlier Application Outsourcing initiatives.

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**Lexicon**

- RAD : Rational Application Developer
- RBD : Rational Business Developer
- EGL : Enterprise Generation Language
- 4GL : Fourth Generation Language
- ClearCase : Open system based Version Controller
- VAG : VisualAge Generator
- SDLC : Software Development Life Cycle
- Agile : An iterative development methodology
- Scrum : An iterative development methodology

**Key Benefits**

- Unicode Compliance
- Platform independence
- Portability between legacy and open systems
- One stop Service for requirement to implementation



*Mainframe*  
*VAG*  
*RAD* *Dot Net*  
*JAVA Oracle VAG Informatica Unix*

# VALUESOURCE



*INDIA* *Belgium*

*Development*  
*Maintenance*  
*Conversion*  
*Documentation*  
*Design*  
*Testing*



## ValueSource Technologies Pvt Ltd

### Registered Office:

64A, C.P. Ramaswamy Road,  
Alwarpet,  
Chennai -600018, India

### Development Center:

6th & 7th Floor , Tower II,  
TVH Beliciaa Towers,  
No 94, Santhome High Road,  
MRC Nagar, R.A. Puram,  
Chennai -600 028, India

### Contact us

Phone : +91-44-42277000  
 Fax : +91-44-42277088  
 Email us : [info@valuesource.in](mailto:info@valuesource.in)  
 Website <http://www.valuesource.in>