



Fact sheet short description

The capabilities and the process methods followed by ValueSource India for the Testing process 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.

Testing as practice

The testing practice is being adopted consistently in all the Development and Maintenance project activities within ValueSource India.

It is seen as a key activity within the Quality model which is put in place and should ultimately lead to a zero-defect service delivery.

TEST PREPARATION

Preparation of tests is done in close cooperation with customer and starts early in the product/project lifecycle using the business as well as the technical requirements. This activity results in a Test Requirements Hierarchy (TRH) which contains a full set of both logical and physical test cases. Throughout the complete testing lifecycle, the TRH is being used actively.

TEST EXECUTION

Execution is done by experienced people who have received proper training and is mainly driven by using the TRH.

Typically in a Development project, RDB Expert group is involved in Unit testing as well as integration testing.

In the maintenance projects the concept of regression tests is being rolled out where the main objective is to ensure the continuity and quality of the day-to-day working of the application. This activity is handled in close cooperation with Application Managers from the different customer Business divisions

UNIT TESTING

The testing team ensures the component tested against the requirement and works independently

INTEGRATION TEST

The testing team ensures the set/Series of components meets the requirement and works without any defects.

TEST MANAGEMENT

Together with its customers, ValueSource India is managing all its test activities as part of a Project by applying Project Management techniques. State-of-the art tools like Quality Centre is fully used for this purpose

TEST DRIVEN DEVELOPMENT

The team has exposure to TEST Driven Development and proved to be success in Open systems.

TESTING FACTORY

To further expand its services offered to its customer, ValueSource India is currently working on setting up a testing factory within its organization consisting of experienced testing people who can act as an



independent team next to the development and maintenance teams

Technical Areas

- Mercury Quality Centre : test preparation, test management, issue tracker
- TRH –Test requirement Hierarchy

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 for your Projects.

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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



- Platform independence
- One stop Service for requirement to implementation

ValueSource Technologies Pvt Ltd

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

VALUESOURCE



INDIA *Belgium*

Development
Maintenance
 Conversion
 Documentation
 Design
 Testing



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