

Ligature software Pvt. Ltd.

Company Profile

About Ligature Software

- Presence in US and Canada
- Areas of operations – Custom Business Solutions, Offshore technology Partners, ODC (Dedicated Offshore Development center), CPE (Center for Product Excellence)
- Experience in developing solutions for diverse business groups – Strategy, Marketing, Pricing, Global Business Management etc
- Passionate about aligning business strategy with technology implementation – business process driven technology implementation
- Consistently exceed expectations and build enduring relationships
- Core values – Result Orientation, Passion for Excellence, Integrity, Transparency, Trust, Innovation, Respect, Teamwork
- Customer specific focus groups

Our Focus

- Deliver top-tier quality solutions
- Build enduring partnerships
- Adhere to strong professional and personal ethics
- Travel the extra mile to ensure client satisfaction
- Foster and promote innovation
- Strive for excellence on all fronts
- Reinforce Ligature Software as a premier solutions provider

Offshore Organization



Our Competency

- Solve complex business problems utilizing technology as an enabler
- Out of the box thinking to develop robust solutions
- Innovative and results oriented
- Efficient execution benefiting all stake holders
- Proactive Project Management
- Set realistic expectations & deliver to the expectations
- Adhere to industry standard methodologies and processes
- Strict adherence to Quality Control & Quality Analysis
- Deliver solutions in time and within budget

Our Competency

▣ IBM Technologies

- IBM Websphere Commerce server
- IBM Websphere Portal server
- IBM Websphere Application server
- IBM DB2 UDB
- IBM Rational Application Developer

Our Competency

❑ Open source technologies

- Apache
- Tomcat
- Jakarta struts
- Hibernate
- JBoss
- PostgreSQL
- MySQL

Our Capabilities

Enterprise Application Integration

- ❖ ERP
- ❖ Supply Chain Management (SCM)
- ❖ Customer Relationship Management (CRM)
- ❖ Enterprise App Integration (EAI) MQ Series
- ❖ Web Services (SOA)

Web Applications

- ❖ B2B
- ❖ B2C
- ❖ B2E Portal
- ❖ Web Enablement
- ❖ Legacy / Web Integration

Application Development

- ❖ Custom Apps
- ❖ Architecture Design

Enterprise Infrastructure Management

- ❖ Application Support
- ❖ Application Management
- ❖ DB Monitoring and Management
- ❖ Server Monitoring and Management

Business Analysis

- ❖ Define Project Scope
- ❖ Gather and Document requirements
- ❖ Workflow Modeling
- ❖ Project Estimate

Quality Analysis and Testing

- ❖ Manual Testing
- ❖ Automated Testing
- ❖ Functional Performance
- ❖ Load Performance
- ❖ Regression Analysis

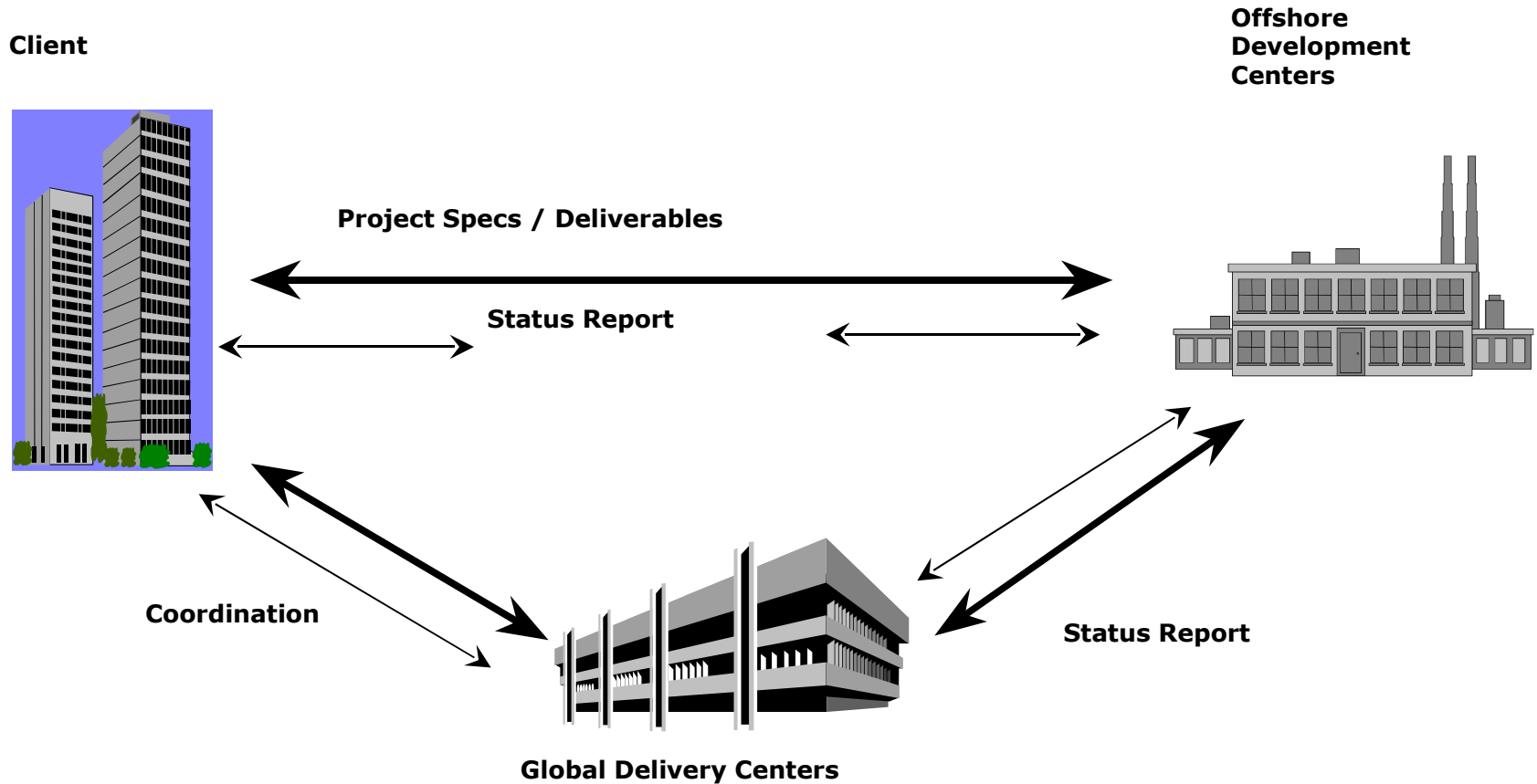
Ligature Methodology

Project Planning and Management	High Level Design	Low Level Design	Development and Unit Testing	Integration and Quality Assurance	Acceptance
Design Proto typing Test Plan Technology Assessment			Head over Heels Development Fixed Specifications High Frequency Builds Integration Testing System Testing		Bug Fixes Deployment Maintenance

Center for Product Excellence

- Software Product Development
- Software Product Testing
- Software Product Maintenance
- Software Product Enhancements

Offshore Communication Model



Our Approach

➤ STRATEGY

- ✓ Define business objectives & goals (short & long term)
- ✓ Highlight current issues / pain points
- ✓ Outline / recommend an enabling solution
- ✓ Define key success factors
- ✓ Develop solution architecture (business and technology processes)

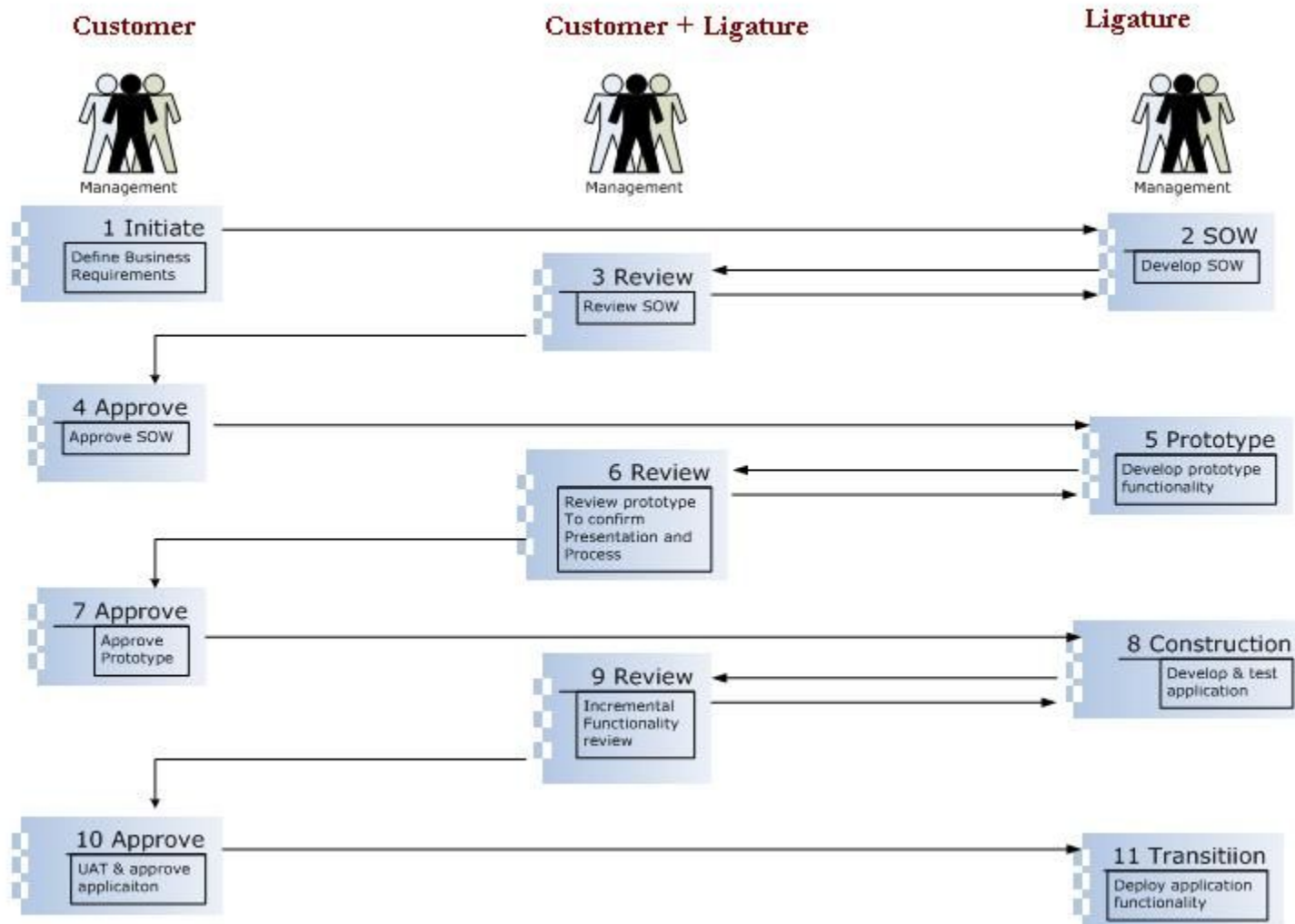
➤ PROCESS

- ✓ Emphasis on business process not technology
- ✓ Develop detailed process recommendations that support business objectives
- ✓ Align technology implementation with business objectives
- ✓ Strict adherence to project management principles

➤ IMPLEMENTATION

- ✓ Service oriented architecture to support reusability, scalability and maintainability
- ✓ Adopt to stringent QC & QA guidelines
- ✓ Iterative implementation to ensure client satisfaction

Process Flow



Success Factors

- ✓ Mathematical approach in problem solving – *A well defined problem is half solved*
- ✓ Transparency of operations for enhanced client satisfaction
- ✓ Strong adherence to process methodologies for effective traceability and accountability
- ✓ Stringent QA and QC standards
- ✓ Effective communications and proactive risk mitigation
- ✓ Core values – *Result – Orientation, Passion for Excellence, Integrity, Transparency, Trust, Innovation, Respect, Teamwork*

Our Clientele and Partnership

👍 IBM Business Partner



👍 LBK Group, New York, USA



👍 Dynax Solutions Inc., New York, USA



👍 Northeast Capital Alliances, Boston, USA

👍 Traneon Systems, Bangalore, India



LBK Group, New York, USA

Business Needs

- Website to facilitate the users to buy products on internet.
- Backend database to support complex subscription engine.
- Subscription engine to automatically fulfill the orders.
- Payment engine to bill the customers credit card.
- Customer service interface to interact with phone customers.
- Support various marketing campaigns.

Technology and Solution

- ✓ Apache tomcat 5.0.
- ✓ Apache struts 1.1.
- ✓ PostgreSQL 7.4.3.
- ✓ Hibernate 2.1.7.
- ✓ Cybersource payment gateway for payment.
- ✓ Built a robust J2EE leveraging the open source technologies.

Advantages

- 👍 No Licensing fee,
- 👍 No Vendor lock in.
- 👍 Low running cost.

Dynax Solutions, New York, USA



Business Needs

- Application performance
- Streamline quality processes
- Code review
- Architecture and design do diligence
- Management report on the overall quality of the application
- Defined Java coding best practices

Technology and Solution

- ✓ Jakarta struts framework
- ✓ Websphere Application server – Express
- ✓ IBM DB2
- ✓ OS400
- ✓ JDK 1.1.3
- ✓ JDBC 2.0

Advantages

- 👍 Improved application performance
- 👍 Customer satisfaction
- 👍 Team motivation
- 👍 Leadership and guidance

Northeast Capital Alliances, Boston, USA

Business Needs

- Business modeling
- Requirement analysis
- Interaction with the top management to create the requirements document
- Technology recommendations
- Streamlined business requirements
- Project estimation

Technology and Solution

- ✓ Rational Unified Process
- ✓ Quality processes
- ✓ Estimation techniques - function point analysis

Advantages

- 👍 Equipped the Client to quality bidding on the project with concrete requirements
- 👍 Created major use cases
- 👍 Defined the quality process
- 👍 Estimated the project time and cost so that the Client has a reasonable understanding of both the time and cost during the bidding process
- 👍 Followed Rational Unified process through out

Sample List of Solutions

- Business Analysis and Architecture
- Complex subscription based continuity system
- Online Catalog Management
- Custom CRM
- Customer Service Workbench
- Marketing Engine
- Inventory and Fulfillment System
- Payment Management System

WHY Ligature ?

Providing value, delivering quality solutions, building enduring relationships through

- ❑ Clarity in Strategy
- ❑ Attention to details in Process
- ❑ Diligence in Implementation

Assured success utilizing our

- ❑ Proven track record since 2004
- ❑ Transparency and adherence to methodologies
- ❑ Stringent QA & QC
- ❑ Professional environment fostering creativity and innovation

Global Presence

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