ITCONS e-Solutions Pvt Ltd

An Introduction
Looking for a reliable Application development company?

ITCONS is the right Choice

TATA NEN hottest startups
DARE TO TRY

NASSCOM
IT INNOVATOR
2009

Cherished Desire, High Ambition and Worthy Goals
## Recent Awards

- Microsoft BizSpark Award 2008.
- A Finalist of TATA NEN Hottest Startup Award 2008.
- NASSCOM IT Innovator Award 2009.
Agenda

- ITCONS e-Solutions Pvt Ltd – An Overview
- Our Main Service Lines
  - Application Development & Maintenance
  - Technology Consulting and Staff augmentation
- Value Proposition
- Contact us

Intellectual Property Clause:

This document is strictly confidential. It contains confidential material proprietary to ITCONS e-Solutions Pvt Ltd. The materials, ideas, and concepts contained herein are to be used exclusively to evaluate the capabilities of ITCONS e-Solutions Pvt Ltd.
ITCONS e-Solutions Pvt Ltd Overview
Overview

- **ITCONS e-Solutions Pvt Ltd**
  - Founded in 2007 with continued growth
  - Headquartered in Noida.
  - Consistent track record of success in delivering mission critical projects in emerging technologies
  - Specialized in implementing CMM process and execution at Level 5
  - Specialized in implementing ITIL and BS799 process
  - Experienced in engaging quality consulting resource
Our Services Portfolio

ITCONS e-Solutions Pvt Ltd

- Enterprise Migration Services (EMS)
- Application Engineering Services (AES)
- Business Intelligence Analytics Services (BIAS)
- IV&V and Team Mentoring Services (IVVS)
  - Application Implementation & Infrastructure Management Services (AIIM)
  - Professional Staffing Services (PSS)
  - Custom Instructor Led Training
Enterprise Migration Services (EMS)

System Migration and Conversion, Data Conversion, Data Entry, Report Migration
Enterprise Migration Services

Legacy Assessment and Transformation Roadmap Definition
(Application Portfolio Analysis, Key Drivers Identification, Gap analysis, Architecture Definition, Build Vs Buy Vs Harvest Options Analysis, Plan Creation)

- Replace
  - Redevelopment (Reverse Engineering, Custom Build)
  - Package Implementation (Reverse Engineering, Package Deployment)
- Redesign
  - Restructuring (Better Flexibility and Extensibility)
  - Interface Re-engineering (Web-enabling, Application Integration)
- Migrate
  - Platform Migration
  - Data Migration
  - Language Conversion

System Knowledge Consolidation – Documentation
Enterprise Migration Services ...

- Our Custom 7 phase Data Migration Framework (SDMF) helps our customer for quicker and faster ROI.
Enterprise Migration Services …

- Our team is capable of using various ETL tools and database programming techniques to optimize the Migration Project for time and quality.

- Our DATA QUALITY ASSURANCE (DQA) is Guaranty for 100% accuracy by double-verification of data in staging and pre-production area.
Enterprise Migration Services …

• Specific Service areas are:
  – Reports Migrations
    • Crystal Reports Migration to MS SQL Server 2005 reporting services
    • MS Access Data upsizing and Reports Migration to MS SQL Server 2005 reporting services
    • Competitive database & analytics platform migration to SQL Server 2005
  – Data Entry & Data Conversion
  – Data Migration
  – Scanning and OCR for Semi-manual Data Conversion
Enterprise Migration Services ...

• **Specific Service areas are:**
  – Data Extraction, Transformation (Cleansing) and Load (ETL)
    • Check list preparation
    • Data Integrity Check
    • CATS and/or DB-Link uses
    • ETL tool use and data mapping design
    • Incremental or Big-Bang Migration plan
    • Data Synchronization Plan
    • Data cleansing for date, empty strings, string concatenation and splitting
    • Space Estimation and Optimization for project
    • Data Elements Versions Management
    • CASS Address Validation for USPS
Application Engineering Services (AES)

Development, Maintenance, Re-engineering, EAI & SDLC Management
Application Engineering Services ...

- **Application Development & Maintenance**
  - Microsoft .NET (VB.NET, C#, ASP.NET, Win Forms, Web Forms, Web services)
  - Java/JSP/J2EE/EJB/POJO/JMS
  - C/C++/PHP
  - MS SQL Server/MS Access/Oracle/MySQL
  - RIA/AJAX/XML/XSD
  - Portals - Customization and Implementation - SharePoint, Web Part development
  - Web Services Development including web service security implementation
  - Smart Client and/or Rich Client Application development
  - Workflow Applications with .NET and SharePoint Portal
Application Engineering Services …

- **Application SDLC Management using RUP**
  - Requirement Management using Requisite Pro
  - Change Management
  - BPM and Workflow development
  - Business Process Re-engineering

- **Re-engineering/Re-factoring/Migration**
  - Re-factoring in multi-layer, n-tier using Design Patterns
  - Re-factoring from monolithic code to component based architecture
  - Re-factoring of Business Logic into Components and/or Web Services

- **Web Services Enablement of Legacy Mainframe based applications and its code**
Application Engineering Services ...

- Enterprise Application Integration (EAI) using middleware
  - MS Biztalk and MSMQ
  - MQ Series and JMS compliance Message Oriented Middleware
  - XML parsing in Java and .NET
  - Windows Communication Foundation
  - Data and/or process level integration
  - Web Services with WS*I Standards
Application Engineering Services …

- Proven ETVX model

Entry

Conditions to be met before task initiation (people, hardware, design specs. Etc.)

Task

What is to be done, by whom, how and when (appropriate standards, procedures, and responsibilities)

Validation

Checks and controls to indicate task is being executed properly (code inspections, design reviews, etc.)

Exit

All criteria which needed to be satisfied before the task can be considered complete (predefined checklists and requirements)
Business Intelligence
Business Intelligence

Consulting Assignments
- Establish BI Blue Print
- Architecture study and recommendation
- Product Selection
- Performance Tuning

System Integration
- Data quality analysis
- BI Implementation (Lifecycle Development)
- Multi site rollout
- Metadata Management
- Migration

Maintain and Support
- Enhance
- Upgrade
Business Intelligence ...

• Reports Development, Customization using various tools and technology.
• Designing Data Mart data model for reporting purpose using "Star" or "Snowflake" Schema.
• Use of XML technology for Meta Data Management, Taxonomy, and create variable reports.
• Implementing Reports Distribution using various technologies and methodology to optimize resources.
• Skills in advance technologies like "Report Bursting" in various formats like HTML, PDF, RTF or other.
Business Intelligence ...

- **Reports Development and Migration**
  - MS Access Reports Development
  - Crystal Report Development
  - MS SQL Report using SQL Reporting Services
  - Reports using Oracle Reports, Discoverer
  - Business Intelligence (BI) Reports using Cognos and Business Objects
Business Intelligence …

- **Data Mining and Analysis for Trends**
  - Create average, maximum and minimum reports based on time, cost, customer, category dimension and facts table
  - Statistical analysis using SPSS
  - Liner, Least Square and Weighted Analysis / projection
  - Time series and forecasting analysis
  - Survey Analysis and Management of Survey results including sampling
IV&V and Team Mentoring Services

Enterprise Application Architecture
IV&V and Team Mentoring Services

- **Enterprise Application Architecture Verification for:**
  - Object Modeling using UML (Rational XDE, Sparx EA)
    - Use Case modeling
    - Enterprise Requirements Modeling based on Rational Suite
    - Test Case Modeling
  - Layers and Tiers and Framework API, Commonly used design patterns, Code Modularity, Code Cyclomatic Complexity analysis
  - Code Security Analysis for common security issues
  - Use of API and Distributed Application Development
  - Components Architecture & load balancing
**IV&V and Team Mentoring Services**

<table>
<thead>
<tr>
<th>Enterprise Application Architecture Verification for:</th>
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<tbody>
<tr>
<td>- Object Design Verification</td>
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<td>- Database Model Verification for OLTP/Hierarchical/OLAP design</td>
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<td>- 20 points Application Framework Design Verification</td>
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<td>- Unit Test and System Test Verification</td>
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<td>- Quality Assurance Services for Code, Design and Architecture</td>
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<td>- Third Party Verification</td>
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IV&V and Team Mentoring Services

• Our Team can help organizations and mentor their team in defining scalable architecture for Easy Maintenance, Scalability & Performance requirements based on Component Based Development, Object Design and Modeling using UML etc.

• Re-engineering/Migration/Web Services Enablement of Legacy Mainframe based applications.
Application Implementation & Infrastructure Management Services (AIIM)

Based on ITIL Framework
Implementation & Management Services

• COTS Application Customization & Implementation
  – MS Enterprise Project Server 2003
  – Crystal Enterprise Implementation
  – Microsoft CRM 3.0 and Customization
Implementation & Management Services

- Infrastructure management service basket comprises of the following services:

- Though this is a complete pack but is Flexible enough to be customized according to the need of Organization. Customer may select all or a few components from this basket.

- Services Management is based on ITIL Framework for services management
Professional Staffing Services (PSS)

Enterprise Resourcing
Professional Staffing Services (PSS)

At ITCONS e-Solutions we can undertake an assignment to recruit talent viable for your organization. We would analyze, understand and execute a strategy for your resourcing needs, skills and experience required in technology and Subject Matter Knowledge required for performing the job.

• Tech-Check Services
  – Our technical screening for candidates is done by qualified resource managers and we help you in developing efficiencies in recruiting process.
  – Our Internal sourcing team along with 10+ dedicated vendors’ network helps us getting resources with specific skills and subject matter knowledge in a short time.
Professional Staffing Services (PSS)

- Technology and Project Management Resources
- On-site and Off-site across India/USA
- Attracting the talent through:
  - Advertisements, E-Resources, Headhunting efforts, Campus Selections
- Matching a candidate’s capabilities with the requirements of the job through:
  - Walk-in Management, E-Resourcing Support
  - Competency profiling tests and preliminary interviews
  - Interview Coordination with the client,
  - Assist in Salary Negotiation & Candidate Relationship Management
Our expertise covers the entire spectrum of HR activities

- The services can be broadly defined as
  - Executive placement, Specific Executive Search, Senior Management Search

- **Human Resource Administrative Services**
  - Test administration,
  - Resume Management Services,
  - Advertisement placement and response handling,
  - Training Administration Activities
  - We can help Organization find talented professionals in Information Technology and Telecom (in areas like software development, Network support, and Marketing) on a project based needs.

- **Training & Development**
  - We conduct both standard and customized training programs for its customers. We provide Training Needs Assessment and Custom Courseware designing for organizations.
Custom Instructor Led Training

Special Technologies
Custom Instructor Led Training

- Our Experienced professionals & Trainers can provide practical custom training in the following area:
  - Oracle DBA / Oracle Applications DBA/ Oracle RAC
  - Oracle Application Framework oracle apps developer using BLAF guidelines
  - Oracle Performance Tuning - Data Base and SQL & PL/SQL
  - MS SQL Server Performance Tuning - Database and SQL & T-SQL
  - Code Quality Control for VB.NET and C#
  - Coding Standards Compliance
  - Memory Optimization for Performance and resolving any Memory Leak issues
  - Java - Basic and Advance
  - Software Build Automation using Open Source tools like NANT/ANT etc.
Our Partial Clients/Projects List
Our Partial Clients/Projects List

- **Clients List**
  - **IAMNE India Pvt Ltd**: Full-line service provider for social and career networking site.
  - **Avartanah IT Solutions**: Full-line service provider for ERP solution comprises of P&P, MM, Finance, Operations, fuel management, Maintenance, Contract Management etc.
  - **ISparkles**: A kids school in Delhi.
  - **Matrix Inc**: US based Software company, Specializes in enterprise-wide Business Process Management (BPM) workflow software solutions for small to large-sized businesses worldwide.
  - **AgeTak**: US based software company with a mission to enables any organization to control access to sensitive data across multiple databases, from multiple vendors using Agetak ARC (Access Right Control) software.
Our Partial Clients/Projects List

- **Partial Project List**
  - **ERP modules:** P&P, MM, Finance, Operations, fuel management, Maintenance, Contract Management etc.
  - Social and Career networking site iamne.in
  - Online resume parser application at onlineresumeparser.com
  - Applicant Tracking System at recruitplus.co.in
  - **Energy Accounting and Utilities Tracking System:** Energy Accounting and Utilities Tracking System is migration project to .NET and Web based application using AJAX technology to provide engineering application a user friendly interface for HVAC/ Mechanical engineers.
  - **Extended Stored Procedure for MS SQL Server:**
    - Interface to MQ Series API
    - SMTP EMAIL without OUTLOOK Accounts
Our Partial Clients/Projects List

- **Partial Project List**
  - **Software License Manager:** To provide automated license management for software products and services, this system is developed in .NET Winform application as well as Web services backend processing.
  - **E-Greeting Migration to .NET Architecture in distributed environment for ASP and Product Model:** E-Greeting was developed as a component for one the project which is a marketing and/or relationship building tool for companies either with customer or employees.
  - **Crystal Enterprise 10 Implementation**
  - **MS Project Server 2003 with Share-Point2003 implementation**
Our Value Proposition

On-Site, Off-Site and Off-Shore
Our Value Proposition

- Service offerings based on
  - Onsite – Project team working at customer site
  - Offsite – Project team working from vendors site
  - Offshore – Project team working from offices in India
  - Combination of above

- Alliance/partnership with well established offshore company
  - Equipped with required infrastructure and skilled resources
  - On demand high speed net connections available
  - Cost savings more than 40%
Our Value Proposition

- **Onsite – Offshore model**
  - Onsite coordinator to facilitate the communication
  - 15% for the effort executed from onsite (based on past experience, effort will be estimated based on the business requirements and nature of the project)
  - Basic infrastructure and software licenses will be provided
  - Specialized software licenses to be provided by the customer
  - Dependency on size and volume of the engagement
  - Team rotation during the analysis period
Our Value Proposition

- On-Site, Off-Site and Off-Shore based on commitment and total volume of work
- Effective Cost and Communication Management
- Cost Model can be based on:
  - Per-Seat – Base + Commission based on engagement length
  - Contract and Project Management
Our Value Proposition

- Per-Seat Cost Model:
  - Base + Commission based on engagement length
    - We will provide Resources and Infrastructure
    - Your Team will provide Project Management and directly manage resources for work assignment
    - Your will approve resources
    - Our team in India will be responsible for managing HR and other related services for resources
Our Value Proposition

• Contract and Project based Cost Model:
  – Contract and Project Management
    • We will provide solution and project delivery
    • We will define requirements and estimate the work
    • We will get approval for estimate
    • We will manage change and project delivery
    • We will be responsible of unit and system testing
    • You will be responsible for User Acceptance Testing
    • Cost is based on Hourly Rate and Work Estimate
Summary – Our Strengths

- Commitment to Customer Relationships
- Diversified Technology and Business Expertise
- Proven Methodology and Capabilities
- Offshore capabilities
- Huge pool of Qualified and Trained Professionals
- Strategic Alliances with Global firms
- Proven Commitment to Quality
- Flexible to work with the customer requirements
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