



Total OutSource, Inc.



Total Outsource Inc., is an IT services company of the UCA Group, a US \$ 120 million American organization with its headquarters in Chicago. Well known for automotive and mechanical component expertise, UCA manufactures a wide range of auto components and systems for leading automobile industries in USA and Europe, through its several manufacturing plants located in USA and Asia. Total Outsource Inc., was established to meet the growing demands of IT products and services, from a single source. It's a one-stop-shop that offers major cost advantages to a wide range of industries looking for diverse IT services.

TOI offers unique advantage to meet the IT needs of small to medium engineering industries in North America. As an American company, TOI's strength lies in its thorough understanding of the American business processes and IT requirements of multinational companies with expectation for quality deliverable within well defined time frames and cost.

TOI addresses these industry demands, with its headquarters in Chicago and offshore development centers in Bangalore, the IT capital of India. For our clients, it offers the best of both worlds, the professional project management practices of America and the high quality Indian technology services with cost advantage.

At the core of TOI's technology excellence is its team of leaders with wide range of domain expertise in automobile, aerospace, power, other manufacturing industries, healthcare, etc. TOI provides well-planned in-house training to its software engineers to keep them abreast with the latest technologies. Our emphasis on higher human value has made TOI achieve new heights in a short span of time.

TOI's outsourcing model is based on Capability Maturity Model (CMM) developed by Carnegie Mellon University - Software Engineering Institute (SEI). TOI follows a well defined and proven methodologies for project management. TOI's client-centric approach to project executions has resulted in various successful project for customers worldwide.

TOI services are classified into four areas:

- Software Development
- Engineering Solutions
- Infrastructure Solutions
- Business Process Management

Software Development

Comprehensive IT solutions and services which includes Consulting Services, Offshore Development, IS Outsourcing, Product Development, Software Application Development, Legacy Re-engineering and Maintenance and Product Framework Deployment.

Engineering Solutions

Complete range of engineering services from design-to-manufacture which includes 2D Drafting, 3D Modeling, Assembly Modeling, Analysis, Customization, Technical Documentation, PDM and Manufacturing Systems.

Infrastructure Solutions

Solutions for end-to-end IT management processes which include Infrastructure Services, Managed Storage Services, Network Services, Information Security Services and Disaster Recovery Services.

Business Process Management

The services include Claims Processing, Billing, Human Resources and Payroll, Finance, Procurement, Manufacturing Technical Support, Web Deployment and Application Development.

Information Technology Services



S Syntax the Software development arm of TOI offers a wide range of Information
Y technology solutions to diverse industries.
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T Syntax is headquartered in Bangalore, the IT capital of India and has a state-of-the-art
A software development center with advanced infrastructure and the latest hardware and
X software platforms.

Syntax has come to be a partner of choice to deliver software solutions for Business Process Management (BPMS), based on its thorough understanding of workflow automation and deep domain expertise in Healthcare, Banking, Finance, Insurance and Manufacturing verticals.

IT Solutions and Services

TOI offers a comprehensive range of IT solutions and services which includes:

- Consulting
- Offshore Development
- IS Outsourcing
- Outsourced Product Development
- Product Testing
- Bespoke Software Application Development
- Legacy Re-engineering and Maintenance
- Product Framework Deployment (HRIS, ERP & DMS)

Syntax is engaged in a Long-term relationship with one of the Healthcare Majors in the US for its outsourced product development using JAVA, J2EE, Servlets, XML Technologies.

Syntax has recently signed an MOU with Infotech Asia-pacific (Singapore) for a new generation 'eBanking' product development.

Syntax's software management and software engineering processes follow industry standard specifications and are aligned to the key processes areas of the SEI-CMM quality model. We are in the process of SEI-CMM certification.

Syntax has successfully executed offshore development contracts from Malaysia and also successfully re-engineered legacy ERP system for one of the US Majors.

Software expertise

Microsoft.net, JAVA, J2EE, IBM Websphere, BEA Weblogic, Apache, HTML, XML, XSL

Functional domains

Manufacturing, Healthcare, Banking, Finance and Insurance

Software engineering processes

SEI-CMM, RUP



TOI is a business partner of leading software and hardware companies and markets a range of Specialized products.

Software Products & Development

e^{...}FACTORY

A Web based ERP solutions specially designed and developed for the SME with an aim to smoothen the processes and give them the competitive edge in the market place. eFactory application compromises of modules, such as Financial accounting, Sales and distribution, Production, Planning & control, Materials management, Personnel management, Quality & plant maintenance.

e^{...}HRIS

A enterprise wide Human Resource Management and Information System that facilitates easy and efficient management of HR function in a connected environment. The System encompasses major functions such as Employee information system, Leave Management, Recruitment, Performance management, Training & Development with built in dynamic workflows

ViewWise™

An Integrated Image Enables Document management solution that offers flexibility, connectivity, simplicity, scalability, reliability, security and interoperability. ViewWise Enterprise edition provides a complete document management solution for faster information management, information based decisions, and improved service.

Business Process Management



To help customers reduce their transaction costs while increasing their operating performance we provide outsourcing services, which addresses common business processes - such as Integrated Document Management Solution (IDMS), Claims, Payroll; to name a few- that cuts across a variety of industries.

Outsourcing is an easy way to gain access to the latest technology without having to invest in capital equipment that will depreciate before you make a dollar.

Our customers will get answers when they want them. Conversely, we will be able to service even more customers without increasing our staff.

TOI offers a range of functions:

- Claims Processing
- Medical Billing
- Payroll Processing
- Integrated Document Management Solution
- Web Services
- Multimedia Services
- Tech Support
- Back Office Services

TOI is the choice for **Software Outsourcing**. We have advanced skills on dynamic platforms such as PHP, Java, JSP and .NET.

We also provide services in **Web Development**, Design, Hosting, and Data Storage. We have our expertise in **Multimedia services** to add value to a client's corporate portfolio.

"Helps realize your Focus on core activities. Time, after all, is money and outsourcing saves you money by saving time."

Advantages

- Saves cost, saves time; lets you focus on core activities
- A complete expert and professional solution
- Convenient and simple to implement
- Increases accuracy, productivity, efficiency & bottom line
- Powerful, Flexible & Secure
- Reduce or eliminate storage needs
- Redirect resources toward activities, which have the greater return.

Infrastructure Solutions



Total Outsource Inc. has deep and broad experience in the IT industry. We know how to play the role of a strategic partner – one that will bring industry thought leadership to the table and proactively contributes to customers' business and IT strategy. In addition, we leverage world-class methods, tools, processes and intellectual capital to create high service levels. Our excellent IT professionals and our ability to leverage intellectual capital have led to be one of the most skillful service oriented organization in the IT industry.

TOI offers the following Strategic Services

- Infrastructure Services
- Managed Storage Services
- Network Services
- Information Security Services
- Disaster Recovery Services

Infrastructure Services

- We specialize in providing tailor-made infrastructure solutions that are reliable, secure and agile.
- Innovation to create results-oriented uses of technology
- Flexibility and agility to fashion tailored business solutions especially for you
- End-to-end IT management through global, full-service capability and perspective
- Process excellence using rigorous, proven and standardized methodologies
- Granular details of services include but do not limit to...
- File & Print Applications
- Messaging Applications
- Collaboration Applications
- Database Applications and Platforms
- Help Desk Applications

Managed storage services

Managed Storage Services provides storage capacity and management services. Storage capacity is provided using SAN (Storage Area Network) and NAS (Network Attached Storage) technology and includes support services including setup, monitoring, reporting, and configuration management allowing you to focus on your business instead of your IT data infrastructure.

Network Services

- Network Outsourcing Services provides full network outsourcing, including:

- Meeting clients' data and video networks requirements
- Training and hiring network staff to manage your IT infrastructure
- Collaborating with OEM manufacturers such as; Cisco, HP, Nortel, SBC for smooth system integration
- Managing network assets and other client-specific custom network activities such as; customer network billing, cabling services and install, change services

Information Security services

Whether in e-commerce or national defense, protecting vital organizational information has become the greatest challenge facing today's information technology (IT) professional. Businesses and organizations often embrace IT innovations that improve performance or increase market share without considering or realizing the additional risks inherent in those innovations. TOI is able to help its clients avoid the pitfalls and business risks that arise as new threats and technologies evolve. We offer tailored security solutions through our enterprise information risk management line of service.

Disaster Recovery services

Disaster Recovery planning is often the most ignored aspect of technology management. Disasters rarely occurs, and it's with this thought businesses all too often ignore the risk.

Our philosophy with Disaster Recovery planning is simple: Whatever can happen, will happen. Your information is arguably the most valuable resource that you own. If lost, it's not something tangible that is easily replaced. No amounts of money could replace the information lost, and possibly the lost of this information could result in serious financial loss.

Similar to an insurance policy placed upon physical assets, your Disaster Recovery plan will act as your information insurance policy.



Engineering Solutions



A division of Total Outsourcing Inc., Tantra is a new-generation engineering software services company based in Bangalore, the IT capital of India. Tantra provides end-to-end engineering software services with domain expertise in industries like automobile, aerospace, heavy engineering, machine tools, consumer durables, etc.

- CAD/CAM/CAE/PDM
- Engineering Design Services
- Manufacturing System Design
- Technical Documentation

The Tantra Advantage

Tantra has a highly skilled team of CAD/CAM/CAE software professionals, with over 200 man-years of experience in developing engineering solutions for a wide range of industries. This expertise also comes to you at a very competitive cost structure. In addition to its technology centre in India, Tantra offers a 12 hour time difference advantage which helps in reducing design development time and meets the most difficult deadlines.



Skill Sets	
<p>CAD</p> <p>Unigraphics CATIA I-deas Pro/E SolidWorks SolidEdge Inventor Mesh Desktop AutoCAD Microstation</p>	<p>PDM</p> <p>Metaphase Enovia I-Man Windchill</p> <p>Customization</p> <p>UG Ufunc Pro/ Toolkit Pro/ Intralink Toolkit</p> <p>Technical Documentation</p> <p>3D Studio Max PhotoShop</p>
<p>CAE</p> <p>Hypermesh Nastran Ansys Cosmos</p>	

Tantra's Core Strengths

Tantra's core strength lies in the areas of Parametric Design, Solid Modeling, Product Design, Tool Design, Manufacturing Systems Design, CAD Customization, PDM and Technical Documentation.

Advantages

- High-quality Deliverables
- Significant Cost Benefits
- Structured Process
- Faster Turnaround: 16 hour day, 6 day week work environment

Tantra Capabilities

Engineering Design Services

Product design

3D Modeling, FEA, System Simulation, Drawing with GD&T, Rapid Prototyping, CNC Tool Path Generation.

Plant Design

Plant Layout, Detail Engineering, Structural Detailing.

Manufacturing System Design

Machine Design, Tooling Design, Jigs and Fixtures Design, Mold Design, Design of Material Handling Equipments, Design of Test Rigs.

CAD/CAM/CAE/PDM Services

Conversion, Customization, Modeling and Design, Computational Mesh Generation, Engineering Analysis, PDM.

Engineering Software Customization

Tantra offers expertise in developing programmes using advanced CAD technology to meet specific customer requirements. The customization helps large manufacturing organizations automate routine design development of components such as fasteners, gears, springs, etc. and assemblies. The programmes are developed using the parametric values obtained from the databases provided by users.



Customized Hypoid Bevel Gear using UG/UFUNC

Customization Advantage

- Saves time
- Minimizes errors
- Ensures consistency
- Enhances productivity

Product Data Management

- Drawing and Document Management
- Configuration Management
- Version Control
- Change Control (Engineering Change Order)

Technical Documentation

Tantra offers a wide range of services from pre-production marketing aids to product manufacture and services as:

- Detailed exploded views
- Cut-away sections
- System concepts
- 3D Visualization
- Spare parts catalog
- Animated user manuals
- Plant Visualization
- Assembly and Dis-assembly process
- Industrial Walk-through



Exploded view of a Carburettor using 3D Studio Max

Corporate Office:

Total OutSource, Inc

25W 217 Lake Street
Roselle, IL 60172
USA.

Tel: (847) 742-0496

Fax: (847) 742-0296

Email: sales@totaloutsource.com

India Operations:

Syntax Soft-Tech (India) Pvt. Ltd.

(A TOI Group Company)

147, 8th Main, 3rd Block

Koramangala, Bangalore 560 034.

Tel: +91-80-51380700/51217383/84/85

Fax: +91-80-51217382

www.syntaxsoft.com

Tantra Infosolutions Pvt. Ltd.

(A TOI Group Company)

147/G, 8th Main, 3rd Block

Koramangala, Bangalore 560 034.

Tel: +91-80-51354500

Telefax: +91-80-51354501

www.tantrainfosolutions.com