

Company Profile...

Mechsoft is a technology strong organization, having expertise in various domains. Mechsoft has successfully developed products and projects with satisfied clients world over. Meticulous processes, standards followed, and extremely customer centric approach sets Mechsoft apart in delivery and quality. Some of the products developed by us are currently sold in more than 50 countries.

Our Strengths are Our Systems and Methodologies in development, Our Commitment, Our team and the way we select it, and the wide range on the domains and skills that we cover. The result of this gives our clients, uncompromised quality and Timely delivery.

Mr. Parag Shah, a B.Tech. from the Indian Institute of Technology (IIT) heads the organization and leads a team of specialized programmers & engineers, and is architect of Mechsoft's vision, product concepts & design.

Mechsoft has successfully developed very interesting product offerings in various domains. These include a Rule Engine, ERP, Human resource management solution, Correspondence Management solution, etc. These show Mechsoft's confidence and ability in various technologies and domains.

Areas of Expertise... Technology

- A. **Product Design/Analysis/ Development:** Right from the analysis, product planning, to development, testing and creating deployable/installable versions.
- B. **Web Technologies** and development tools like HTML, DHTML, **FLASH, XML Java, Javabeans/EJB, JSP/ J2EE/ Struts, WebSphere, ASP, ASP.NET, VB.NET, C#, PHP, Cold Fusion, , E-Commerce** and **Socket Programming.**
- C. **Business Promotion and web marketing:** Mechsoft specializes in software solutions along with business concepts, novel ideas and consultancy on possible new avenues of business, aided by providing unique web experience, Search engine optimization and web marketing services.

- D. Programming Expertise in **Visual C++/ C#, Visual Basic, Java, Client Server Development** etc.
- E. **RDBMS:** Worked on most leading RDBMS, like **Oracle, SQL Server, Sybase, MySQL, Progress** etc.
- F. **Security Solutions: Encryption, Web based Security,** Server management, Network security, Firewalls etc.
- G. **Gaming, 3D Gaming, Online Gaming and Casinos** using C++, **DirectX, Flash,** Shockwave, Java.
- H. **Virtual Reality,** creation of virtual web presence via interactivity and **Artificial Intelligence.**
- I. Multimedia development, **3D** and 2D **Animations, Audio Programming,** Demos, Corporate presentations

Areas of Expertise... Domains:

In the following domains, Mechsoft has done extensive work, and has domain expertise.

- A. **Hospitality:** Travel, Booking engines, **Distribution** and Settlement Process (Online), solutions for B2C, B2B models, **CRM**.
- B. **Telecom:** Telecom Billing, Customer management, Customer loyalty program.
- C. **E-Commerce:** Various Project and Products on E-Commerce, with unique '**close to reality virtual experience**', with Payment gateway integration, and delivery tracking.
- D. Accounting/ Finance: Accounting Applications, Small **ERP Solutions**, with Purchase, Inventory and stock, budget management, Fixed assets management, Finance modules, sales etc.
- E. Healthcare: **Hospital Management/ Patient Management**, Medical Records, and have developed solutions for the **Homeopathic expert system**.
- F. Web Support Services: Web marketing, SEO, Domain registration and Hosting.
- G. Human Resource Management Solutions: Performance evaluations system, recruiting and HCM solutions.
- H. Gaming: Animations and Multimedia. Interactive online and offline gaming. Casinos, Betting engines, Puzzle type games etc.

Partial List of Satisfied Customers

1. **Hompath:** This is a homeopathic expert system. **Sold in 50+ countries worldwide.** Available in various versions, with a high end search engine and interactive expert system.
2. **DTAC Thailand:** Major Telecom Service Provider in Thailand: Rule based billing application, which works as add on solution to their billing application, making it very versatile and adaptable to change.
3. **L&T Infotech:** Intranet/ Internet based mini ERP for a banking institution.
4. **SoftPower.com USA:** Developing an online **POS and Inventory** application.
5. **Kings Road Tires UK:** E-Commerce B2B Solution networking all their resellers/ associates.
6. **Schlumberger:** Correspondence management solution.
7. **EDR Continuous Information System:** Electronic Data Discovery solution for Legal profession.
8. **Cashman Computer Associates, USA:** Online Shopping Cart implementation for Jewellery portals.
9. **Ivedha Canada:** Performetrix, a performance monitoring/ evaluation system. A complete Human Capital Management solution.
10. **Proschconsult Germany:** Various Dot Net based projects.
11. **Thunderbolt Technologies, USA:** Complete Travel Technology solution with booking engines for **Air, Hotel and Car reservation**, with connectivity to multiple sources, and E-Commerce and Payment/ Settlement/ Distribution System.

12. **Ad-Mag India:** Classified newspaper management, database handling to generating a final DTP version of paper. (Multi lingual application)
13. **Cemaze Technologies (NVEST):** Portfolio management software, (Rated best in its kind by Chip magazine) for Indian Market.
14. **blauerlotos(Germany):** (<http://www.blauerlotos.com>) Internet based Online Gaming, with E-commerce & Security. (Casino on web), Flash gaming
15. **Bholanath International Limited:** Online marketplace for Carpet sales, with distribution/ logistics and supply management solution.
16. **Central Bank of India:** Analysis solution for their Regional Rural Bank's performances.
17. **Dynamic Travels USA:** Various hospitality related solutions / websites (www.weekendescapes.com).
18. **Dreamhomes and U:** Real estate marketing company's website site.
19. **Hubert Ebner Verkehrslehrrmittel GesmbH, Austria:** Gaming engine related development.
20. **Image Computers:** Mechsoft has developed and developing many online projects for them.
21. **SPAR Solution USA:** Working with this client on Java and Dot net projects in insurance related sector.
22. **Hearing Impaired and Differentlyabled Trusts:-** These are the active trust in India and developed online presence and web promotion for these sites.
23. **Sewep!:-** Satisfactorily using prebusiness analysis tool and ERP developed by mechsoft.

Mechsoft' Product Offerings:

Rule Engine:

Mechsoft's Rule Engine is an intelligent extension to any application, or enterprise system allowing it to adapt to changing business logic and newer scenarios. It is a versatile solution with help of which your applications will become much more powerful, without doing any major coding or redesigning. Following are the features of this product.

Features:

1. **Add intelligence to your enterprise system:** Just write rules for the business logic or change in business logic, and your application/ system will intelligently adapt to this solution.
2. **Object orientation:** Rule engine wrapper is an object oriented solution. **Irrespective of your application being written in OOP**, this wrapper will create objects from existing information, and will give you advantage and ease of maintenance of an Object Oriented solution.
3. **Simple intuitive script language to define rules.** Most importantly, this language will be **custom designed for your domain**. You won't need techies to define rules, as the language will be using keywords from your domain. (Domain e.g. ERP, Telecom, Healthcare etc)
4. **Data exchange control unit:** This unit will manage data sharing with Rule Engine and your application, so that your tried and tested application is not tampered with and still you have power of changing logic.

5. **Full data access from scripts:** The rules can refer to database, and without having to deal with complex queries. In fact a 'new information' wizard, can let you define information and its relations and will automatically manage related database functionality for you.
6. **Ability to give sweeping rules** that can override all existing rules and logic, for specific cases.
7. **Highly efficient:** Adding intelligence to application does not result in slowing down as would normally be expected. In fact in most cases, this would result in great deal of reduction in Data sizes.
8. Mechsoft's Rule Engine implementation would include a very **intuitive user interface** for your application, and can also give you a **better replacement for your current interface**.

There are some applications built on the Rule engine framework from Mechsoft, so you have a choice of either taking rule engine as a wrapper over current app or completely revamping application with rule engine and information management framework.

Enterprise Information and Communication Management:

An enterprise suite of products to seamlessly manage all internal/external communication, organization information, projects and documents

Features of EICMS:

1. Project Management
2. Issue tracking
3. Document Vault
4. Discussion and communication manager
5. Scheduling
6. Rule engine to set rules on flow of information, and controlling.

Knocean: Educational Institute management solution:

Knocean which is short for 'Knowledge Ocean', is a complete integrated solution for educational institutions, which includes every aspect of running an institute including ...

Basic Features:

- Admissions
- Financial Accounts and Inventory controls.
- Staff & Student Information System.
- Performance Monitoring.
- Resource Management with curriculum planner.
- Laboratory Management.
- Library.
- Sports and extra curricular activities.
- School Transport Management.

Advanced:

- Result publication on the Internet.
- Online Info about student progress.
- Alumni database online.
- Event scheduler published online.

- Student and Staff time table.
- Student & Staff Performance Rating.
- Graphical Progress Online.

Ladders ERP: The proactive intelligent ERP

Ladders is a set of plug and play individual modules. Each module is a ladder, which would help you to rise in your business. You can combine these ladders and increase your business efficiency, and productivity.

A business is successful due to the business intellect and management skills. How do you translate this intellect to your solution? Would a readymade solution adapt to your biz-intellect? Ladders with mechsoft's Rule Engine integrated within, is the most versatile ERP solution, capable of adapting to the changing needs and logic of your business, and learning and improving intellect, and even taking some decisions proactively. Some of the modules in this are...

- a. Financial accounting
- b. Inventory and stocks
- c. Human Capital Management
- d. Project Management
- e. Project costing
- f. Fixed Assets management
- g. Budget management