

e-Business Solutions

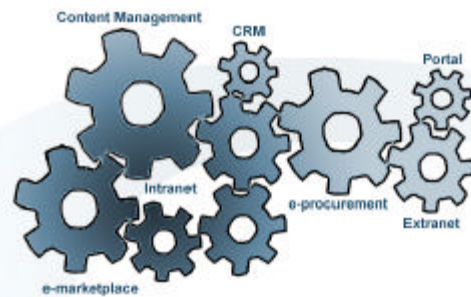
E-business is the conduct of business on the Internet, not only buying and selling but also servicing customers and collaborating with business partners. Today, companies are rethinking their businesses in terms of the Internet and its new culture and capabilities. Exploiting the convenience, availability, and world-wide reach of the Internet, many companies have already discovered how to use the Internet successfully.

Synapsys goal is to help our customers integrate ebusiness as part of their core processes. While this relies ultimately on the implementation of a software solution, be it a custom development or a commercial package, this integration requires also a well conceived plan to adapt the company's processes to take advantage of the new system.

Those software solutions can be various, depending on the functional area covered as much as on the scope of the solution being envisioned: CRM (Customer Relationship Management) package, SCM (Supply Change Management) package, or B2B/B2C e-marketplace, content management system, web portal, or web-enabling of existing legacy or ERP applications.

As a global ebusiness service provider, Synapsys also offers hosting, maintenance, support, and user training.

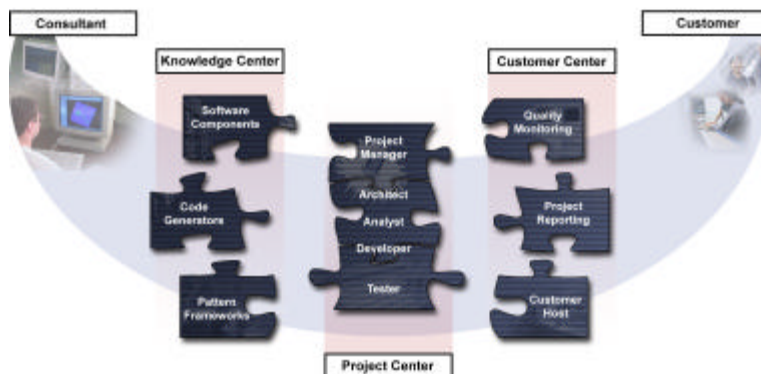
Customer's specific needs may require the intervention of our consultants on site, integrating in the client's team, or may recommend having the full responsibility of the project management, analysis, and implementation at Synapsys premises. Our two separate departments, Consulting and Software Factory, guarantee the proper service for every customer.



Organisation

At Synapsys, every engagement with a client takes the form and is managed as a project, regardless whether it is an in-house Software Factory project development or a consultancy contract.

This enables our staff to have all the support available for project work: the Knowledge Center, accessible via web; the skills and knowledge of our Project Center, and the resources available at our Customer Center.



The **Knowledge Center** is the true repository of Synapsys' know-how. Documentation on technical topics, productivity-enhancing tools like ready-made software components, code generators, they all constitute a key added value of our offering.

The **Project Center** is at the center of our activities. It comprises the full set of skills needed for the software development process, from the requirements gathering phase to the deployment of the application.

At the **Customer Center**, our system infrastructure and our personnel is put to the service of our clients for application hosting services. It is also there that all project documentation, like status reports, milestone description, beta versions, and various statistics are made available.

Consulting

Synapsys offers its expertise and know-how in e-Business projects. Our skills cover all aspects of e-Business project implementation, from high-level analysis to user training. Synapsys' organization supports our consultants in all situations during their missions. When a customer asks for a Synapsys consultant, it is not just a consultant who will commit to its project, but Synapsys as a whole.

Our technical expertise includes:

- Programming languages: Java (client and server side), JavaServer Pages, EJB, Visual Basic, VBScript, ASP, ActiveX controls, PHP, HTML / Cascading Style Sheets, JavaScript, JScript, XML, XSL, Perl
- Tools: Borland JBuilder, Oracle JDeveloper, IBM Visual Age for Java, MS Visual Studio, Macromedia Dreamweaver, Macromedia Flash
- Databases: Relational modeling, SQL, Oracle (with PL/SQL programming), MySQL, MS SQL Server, MS Access, PostGreSQL
- Operating Systems: Linux (Mandrake, RedHat, Debian, Suse), Unix (Solaris, HP-UX, AIX, IRIX), MS Windows
- Server applications: Apache, Macromedia JRun, IBM WebSphere, Tomcat, MS Internet Information Server, Lotus Domino, Sendmail, MS Exchange
- Certifications: Microsoft Certified Systems Engineer, RedHat Certified Systems Engineer, Compaq Accredited Systems Engineer, HP Netserver Star Technical Professional

Synapsys can provide you with several profiles to help you succeed in your projects:

Project Managers

A project manager is able to motivate his/her team, to anticipate changes, to plan in order to meet budget, deadline, and quality requirements. He understands the functional as well as the technical aspects of the project. The project manager leads the project according to well-suited methodologies, and knows how to make the team comply with the methodologies.

Analysts

An analyst must be capable of understanding the client's business, and translate the client needs into clear, non-ambiguous functional specifications.

Technical Architects

A technical architect ensures that the technical aspects of the application will be in accordance with requirements like system's performance, stability, scalability, and ease of maintenance. Among his/her responsibilities are the definition and validation of the system's architecture, the design of the infrastructure software components, and many other critical choices.

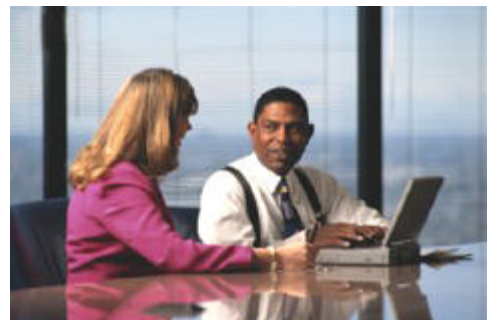
Software Developers

Our developers are required to be both versatile and specialized. Team-work capabilities and a good command of development methodologies are a must.

E-business Advisors

E-business, as a relatively new technology, brings up a good number of questions for the most part of our clients. What are the ebusiness solutions that could be interesting for my business? Should I develop my own B2B market place, or rather seek to publish my company's content in an existing market place? Is there a package in the market that would fit my needs, instead of developing my own project?

All these questions call for a careful analysis from the part of our e business consultants. Their ebusiness knowledge, and their capability to understand the particulars of your business, guarantee the right solution, within the right budget.



Software Testers

Our system testers are certainly required to have an excellent knowledge of the functional aspects around the system, but also a sufficient understanding of the technical aspects that are key for its functioning. Simply put, system testing is the guarantee that the application built will respond to the technical and functional specifications gathered during the analysis phase.

System / Network Administrators

Our network/system administrators are able to install, configure, and maintain complex heterogeneous networks (see technical skills above).



The concept behind our Software Factory is the one of a rational, low-risk, and highly optimized organization, with the ability and the infrastructure needed to host and take full responsibility for your software projects from its inception to delivery. This 'factory' approach has a direct impact on the basic metrics for success on a software project:

- A reduced cost
- An improved quality
- A stronger commitment for in-time, in-budget delivery

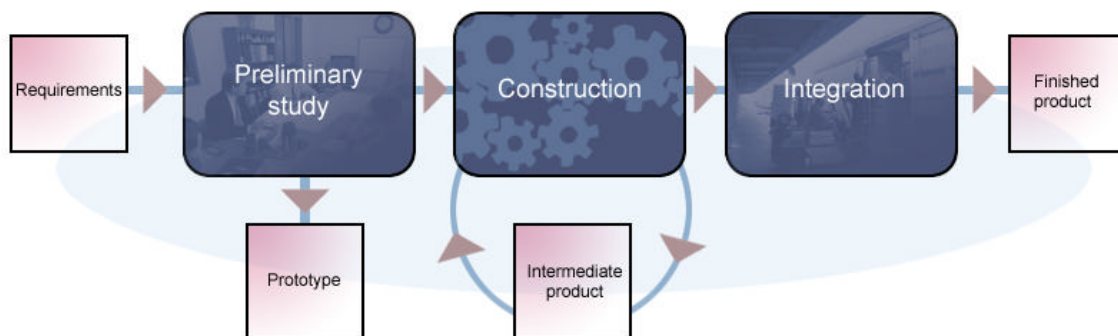
This vision for our organization, and the advantages it brings to our customers, rests on four pillars:

- Our people: Our staff's technical and industry knowledge, and their ability to work together with our customers, always with an eye for quality.
- Our infrastructure: Our systems' reliability, performance, and scalability plus the know-how needed for its maintenance and upgrade.
- Our tools: Synapsys strives for keeping an eye on modern practice and tools, and chooses very carefully the tools needed for every aspect of software engineering, in order to enhance our productivity and automate as many tasks as possible.
- Our methodology: Or, in other words, Synapsys' way of putting to work together our people, infrastructure, and tools to achieve the project goals, in time, in budget.

Another key point of our Software Factory's offering is project reporting. The custom application development projects are managed in close cooperation with the customer, and with complete transparency regarding its status: our customers can follow-up at all times the project's progress, and its convergence towards the solution agreed upon initially.

Methodology

In line with modern practice, our project methodology relies in an iterative approach. For every successive refinement, a new version of the product is produced, making progress objectively measurable for our own organization as well as for our customers.



At the origin of this iterative process lies a comprehensive, in-depth analysis that guarantees compliance with our commitments in terms of budget and timing. That study is the starting point of every one of our projects. In this phase, special attention is also put in understanding the solutions, systems, procedures and knowledge already existing in our client's organization, in order to ensure a smooth transition towards the new system, and the organizational changes it might bring about. As part of the deliverables for this initial phase, a proof-of concept system is produced, as well as the planning and deadlines for the coming deliverables.

We consider a project completed only after user training and integration into the customer's IT system. This is the goal of the integration phase.