



CSTSM GROUP

Company Profile

<http://www.cst-us.com> <http://www.cst.ro>



Creative Software Solutions

1. Structure & Logistics

CSTSM Group is structured to meet the requirements of global software development business. The group includes the holding company (CSTSM-BVI), the American company responsible for business development, software consulting and development, product marketing and sale (CSTSM-US) and the software development unit (CSTSM-RO). CSTSM-TE is our first spin off company providing e-Closing services to the American market. Our structure and logistics mainly support the needs of US and European companies looking to outsource software development to eastern European countries, specifically Romania, or integrate proprietary products that can be customized to meet their needs.

CSTSM-US, Cornerstone TechnologiesSM International, LLC is an American company with its main office in Memphis, TN, being responsible for business development, software consulting and development, product marketing and sale in the world wide market. CSTSM-US also provides contracting, Customer Relation Management, and Quality Assurance Management.

CSTSM-RO, CornerSoft TechnologiesSM, SRL is a Romanian company located in Bucharest, Romania being responsible for software project specification, design and development. CSTSM-RO also performs research activities regarding speech processing, enterprise/project management and data security as well as provides consulting services for vertical markets.

CSTSM-TE, CST Title EscrowSM, INC is an American company located in Memphis, TN providing the business methodology and software application designed to create efficiencies to the loan closing process. It handles document preparation, disbursement of funds, title policy work, secure electronic document management and the entire work flow involved in a closing process. CSTSM-TE is using "eClosing", the proprietary software developed by the Group to meet US requirements and regulations. "eClosing" can easily be customized for other countries where the closing process is based on similar principals.

CSTSM Group is using audio/video conferencing and Voice over IP communication facilities in addition to classical telephone and fax communication services, as the communication infrastructure all over the group. As an international group we pay special attention to access and data security issues. Our office local area networks are implemented as a DMZ which provides the data exchange in a secure working environment. The security and monitoring system we have implemented protects ours and our customers data. Project scheduling and tracking, resource allocation and activity reports, issues and changes as well as quality assurance are managed by our "on-line" web-based VEMS tools, developed in house. These provide for more efficient project management activities despite the geographically dispersed nature of teams and their activities involved in common projects. VEMS - Virtual Enterprise Management System is our ultimate on line enterprise management system merging the experience we have on project management and quality system management.

Locations

Cornerstone TechnologiesSM International, LLC

5100 Poplar Avenue, Suite 2200
MEMPHIS, TN 38137, USA
Tel: +1(901)761-1212, Fax: +1(901)761-9984
e-mail: office@cst-us.com
<http://www.cst-us.com>

CornerSoft TechnologiesSM, SRL

4B Tolstoi St, BUCHAREST 1, 712893 ROMANIA
Tel: +(40 21)231-4477, Fax: +(40 21)231-4480
e-mail: office@cst.ro
<http://www.cst.ro>

CST Title EscrowSM, INC

5100 Poplar Avenue, Suite 2200
MEMPHIS, TN 38137, USA
Tel: +1(901)473-6399, Fax: +1(901)761-9984
e-mail: office@te.cst-us.com
<http://te.cst-us.com>



CSTSM GROUP

Company Profile

<http://www.cst-us.com> <http://www.cst.ro>



2. Products & Services

Products Description

Automated Closing Expert System: "eClosingTM" is a business methodology and software application designed to create efficiencies to the loan closing process. It handles document preparation, disbursement of funds, title policy work, secure electronic document transfer, allows buyers/sellers to see closing documents on the web, organizes and centralizes the work flow, enables bank branch offices to provide notary closings and supports future efficiencies such as electronic signatures and electronic recording and archiving.

VEMSTM - Virtual Enterprise Management System represents an integration of our VPO (Virtual Project Office) project management software product with ISO 9001/9000-3 documents and CMM requirements for quality assurance of software development process. It is meant as an Enterprise Management Information System that integrates with ISO and CMM document/work flow features like: Offer Management, Contract Management, Functional Specifications Management, Design Specifications Management, Source Code Management, Documentation Management, Project Management and Test-Patterns Management.

There is an administrative module that provides the authorized user the facility to set up and configure workflow, the authorized user can also set up parameters to track activity performed by a specific user or monitoring information for a specific document or document flow.

TIMSTM - Telecommunications Invoice Management System: Many companies invest considerable resources in the auditing and management of their telecommunication services. To further develop their world-class services, such companies can use this product to enhance their invoice processing system. The main goal of this product is to reduce the number of errors and enable efficient cost & payment methods by providing:

(a) automatic processing and audit information for Invoices and a direct and automatic payment of invoices through accounts payable;

(b) to identify the most common errors having a cost impact (i.e. vendor not having most recent address changes for orders, cost centers, rate plans, etc.).

Information Delivery & Security Systems: CST takes advantage of its potential in research and development to generate new solutions based on TTS/ASR proprietary technologies targeting specific needs on information delivery over the net and other voice based media. These solutions are based on new developments regarding certain IT areas such as agent technologies, voice synthesis and recognition based on neural network models and genetic algorithms.

Services Description

● **Hourly Software Development:** Our core business is targeted to providing dedicated project teams averaging five to ten software developers. Teams are developed and managed according to specific technical skills and industry expertise in respect to project needs. A Team Leader is assigned for each team. A Project Manager is assigned to one or more teams working on a project. The PM is responsible for project management, assuring that milestones are completed according to specifications, projects scheduling and budgets. He is also responsible for QA and CRM. All software development projects are managed using our VEM system.

● **Competitive Bid/Contract Programming:** Projects will be competitively bid according to published RFPs on a per-project basis for both large corporate and government entities. Due to our competitive cost of production, the availability of Romanian IT professionals and quality assured process, CST will have a competitive advantage in this market.

● **Industry/Client Specific Consulting and Programming:** Through the knowledge and industry experience of CST's partners as well as future contract consultants, CST will target specific companies where there is a need for CST's existing expertise.

● **Electronic Commerce Application Development and Service Provision:** CST is developing an e-commerce application for local and international markets based on its own expertise in system security that uses Public Key Infrastructure and other technologies. This will be the basis for a new e-service provision business.

CST offers services in software development, IT consulting, electronic commerce applications and information delivery systems based on proprietary speech processing technologies and public key security infrastructure.

Professionalism is doing whatever it takes to get the job done. Doing what is right for the client and treating everyone as equals and with respect is what we are known for. We treat each client the way we want to be treated ourselves.

Using our online, web based management system to manage projects, makes software development outsource a risk free and profitable activity.



CSTSM GROUP

Company Profile

<http://www.cst-us.com> <http://www.cst.ro>



3. Expertise

Our developers are high profile computer programmers coming from three different educational backgrounds, with expertise in different fields:

- Computer Science and Engineering, with a broad spectrum of knowledge in Computer Architecture and Programming, Data Structures and Algorithms, Programming Languages, Operating Systems and Databases.
- Mathematics, with a solid background in Computation Theory, Algorithms and Programming Languages.
- Economic studies, with a background in Economy, Finance, Programming Languages and Databases.

Our developers have a broad knowledge base, most of them in multiple fields, one of them is always Computer Science. This diversity in backgrounds, knowledge, and experience is one of the strengths of our team.

Most of our developers have a Computer Engineering or Computer Science education, at the MS level. They all easily migrate to new assignments and have an excellent capacity to adjust to new software development tasks. Teams are recruited mainly from the top graduates of "Politehnica" University of Bucharest, the largest and the most prestigious technical university in the country. An average of 500 Computer Engineers graduate each year with a degree equivalent to USA or UK Master of Science. The admission at "Politehnica" is highly competitive; the best high-school students all over the country are competing every year for admission to the Computer Science and Engineering School at PUB. Each year winners of national and international student contests in informatics, Mathematics, and Physics are admitted at the Computer Science and Engineering School at PUB. The vast majority of graduates from PUB pursue a career in the computer industry or an academic environment. Many of them are hired by prestigious leading-edge international and US technology companies including Microsoft, Sun, HP, AT&T, etc. Each year, top international and US universities admit to their Ph.D. programs Romanian students; most of them graduate in Computer Science and Engineering from PUB.

All our developers are fluent in English. Some have graduated from the Department of Engineering Sciences, English Stream - PUB Department where the teaching language is English. Some of our developers also speak German or French.

Our specialists are young, ambitious and eager to pursue their careers in a stimulating environment like the one we offer at CST GROUP.

Experience

Currently, most of our major projects under development are for American customers. Some of our projects are for end-users, which have provided us the opportunity to gain experience and have revealed specific aspects of working directly with customers; other projects are subcontracted with consulting companies. We are working closely with our customers in developing specifications and solutions and in project planning and implementation.

We also have experience in international teamwork and critical indirect relationships with customers. The current projects cover the following domains: Collaborative Knowledge Management Systems (including Web Email, Discussion Forums, Instant Messaging, Calendar); Project Control and Management (including Time Reports, Project Control and Management, Issue and Change Management); banking applications, enterprise portals, distributed data bases and a CAD system for light frame steel construction industry. Our strategy is to focus and develop expertise in two key industries: banking and telecommunications.

We also have a research team developing an information delivery system based on our proprietary text to speech and speech understanding system, and another team working in developing a Java based Public Key Infrastructure system as a Security Services Provider for the other projects.

All projects developed by our teams are coordinated online using VEMS, the Web based Project Control and Management system developed by one of our teams. This way the customers have on line/real time access to project status both from scheduling and budget points of view. For critical issues, mostly relayed with milestones, we practice a rotation procedure. This way key persons from our customers come to CST GROUP for 1-2 weeks and developers from CST GROUP work on site with the customer for 1-3 months, according to customer/project needs.

VEMS provides the functionality for configuration management, change management enabling project tracking and control over the Internet for international, geographically dispersed development teams.



CSTSM GROUP

Company Profile

<http://www.cst-us.com> <http://www.cst.ro>



4. Basic Technologies

Internet Technologies

- TCP/IP based applications;
- Client-Server and Three/Multi-tier Applications;
- CGI, Java Applets/Servlets, Java Scripts, VB Scripts;
- HTML/DHTML, RMI, HTTP based applications;
- Netscape, Internet Explorer, XML and VRML browsers;
- Apache, iPlanet, Tomcat, IIS and Netscape Web Servers;
- Access/Data security including SSL, PKI, encryption/decryption and electronic signature;
- We also have experience in CTI, VoIP, Computer Networks and Protocols, voice processing and applications based on these technologies. A research team is developing in-house applications based on our proprietary multilingual TTS (Text To Speech) engine and ASR (Automatic Speech Recognition) engine.

Modeling and Programming Languages

We cover the most popular modeling and development languages:

- UML;
- HTML, XML, WML markup languages;
- Java, C, C++ and Visual C++;
- Visual Basic, Delphi, Perl, ASP;
- Java Script, VB Script, WML Script;
- SQL, PLSQL;

Multi-tier Application model

- Client:
 - HTML/DHTML and WML;
 - Java Script, VB Script, WML Script;
 - Active X, MS Outlook, Plug-in.
- Application Server:
 - WWW, WAP Gateways;
 - CGI, ASP, Mode_Perl, PHP;
 - MS Exchange;
 - ODBC, ADO/DAO, DBI, JDBC.
- Value-added Server:
 - Data Base, LDAP Server;
 - Communication Server;
 - Speech Processing Using Java Speech;
 - Notification Server;
 - Legacy Applications.

Java - J2EE - Three-tier Application model

- Client: Applets, Plug-in;
- Application Server:
 - Servlets, JSP, XML;
 - Enterprise Java Beans, RMI, CORBA, COM/DCOM;
 - JDBC, JNDI, JTAPI, JMF, Java Native Interface;
- Value-added Server:
 - Data Base, LDAP Server;
 - Communication Server;
 - Speech Processing Using Java Speech;
 - Notification Server;
 - Instant Project Messenger;
 - Legacy Applications.

Java Communications

- TCP/IP and UDP, Sockets, RMI; SSL via RMI Using Custom Sockets;
- Java Secure Sockets Extension;
- Java Phone API, JTAPI, J2ME.

Development Tools

- Rose, Together;
- J Builder, J Developer;
- Visual J++ for COM, DCOM, COM+;
- VSS, SOS;

Data Bases

- Oracle, DB2, Informix, Sybase;
- MSSQL, ODBC compliant;
- MySQL, PostgreSQL;
- LDAP;
- Web access to databases;
- Migration from legacy systems/applications.

Operating Systems

- UNIX: Solaris, BSD, Linux, HP-UX, IBM AIX;
- Windows:
 - Windows NT 4.0;
 - Windows 2000;
 - Windows XP.
- Our development base includes Unix and Windows servers, workstations and testing platforms.



CSTSM GROUP

Company Profile

<http://www.cst-us.com> <http://www.cst.ro>



5. Potential & Future development

Potential

Some of our developers are Ph. D. students and most of them hold a MS degree. We are currently growing on a project by project basis. Besides the current teams, we have a pre-selected source of developers from which we can hire on demand. The current organizational structure, facilities, and logistics provide us with the capability to grow immediately up to hundreds of developers. One of our strengths is the ability to provide "rapid to market" creative software solutions for complex projects.

The high quality and competence of our developers, a stimulating working environment augmented by a western style management and the on line Web based project control and management system we are using, offer a very competitive solution to western companies willing to outsource their software development projects.

We are currently **ISO 9001** certified. Our VEMS (Virtual Enterprise Management System) facilitates a quality control system that is compliant with ISO 9001/9000-3 and CMM level 4 standards.

If you want to find more about us, contact us directly or visit our homepages:

<http://www.cst.ro>

<http://www.cst-us.com>

<http://te.cst-us.com>

One of our targets is to identify business partners or alliances in order to take advantage of highly skilled Romanian software specialists, lower production costs, and the great need for software applications throughout world.

As we become more and more an international group of companies we are focusing on business development on an international (global) scale.

Another target is to identify software companies that have a need for software development outsourcing.

We understand the value of working together with strategic partners who share our vision and commitment and who can help us provide our customers the complete solution that maximizes their technology investment. We are open to a broad range of opportunities for collaboration from strategic alliances to direct application partners.

Our expertise meets a wide range of applications requirements starting with Banking software, or Telecommunications software, moving forward through bringing the business to the Web or Enterprise Application Integration. We can manage the geographic remoteness with our proprietary Virtual Enterprise Management Tools.

