



Enterprise System Solutions

CONTACT INFORMATION

Chaeron Corporation
2040 Penetanguishene Road
Springwater, Ontario
Canada L4M 4Y8

Voice: 705 - 791 - 3996
Fax: 705 - 792 - 2043
E-mail: corp@chaeron.com
Web: <http://www.chaeron.com>

MISSION

To assist corporations in achieving their business and systems goals through the architecture, design, development and implementation of Service-Oriented applications with a focus on Web Services, ebXML, and J2EE technologies, targeted at B2B, EAI, eCommerce and Location-oriented (GPS) systems.

As Grady Booch said in Object Solutions: Managing the Object Oriented Project:

"Choose a [partner] who possesses a vision large enough to inspire the project to great things, the wisdom born from experience that knows what to worry about and what to ignore, the pragmatism necessary to make hard engineering decisions, and the tenacity to see this vision through to closure".

CHAERON CORPORATION

Delivering Enterprise System Solutions.

Today's fast-paced corporate environment requires rapid design, development and deployment of web-enabled business systems that meet user requirements, deploy on time, under budget and provide a path to the future through maintainability and extensibility. Most organizations are wrestling with new technologies such as object-oriented, distributed development, J2EE/Java, XML technologies, UI design & construction, component-engineering architectures and disparate hardware platforms along with new application paradigms such as Service-Oriented Architecture, ebXML, Web Services, XML/Wireless/Handheld technologies, B2B (Business to Business), EAI (Enterprise Application Integration) and eCommerce.

Chaeron Corporation was founded over 10 years ago to assist corporations in the management, design, development and deployment of state-of-the-art applications and systems. Chaeron specializes in Service-Oriented Architectures, including: ebXML, Web Services, J2EE, XML technologies, object-oriented, component-engineered and message-based business applications and the creation of "magnetic" web and eCommerce solutions.

Chaeron consists of a battle-hardened and experienced team of technology specialists that is intensely motivated and hyper-productive in achieving client goals. Chaeron's sterling track record is in part due to extensive experience in managing large, international, multi-location advanced technology projects, combined with comprehensive capabilities in Executive/Team/Project Management, Business Analysis, Architecture, Design, Development and Quality Assurance/Testing.

Chaeron has real-world, proven expertise in leveraging Service-Oriented architectures and advanced technologies such as ebXML, Web Services, J2EE/Java, XML technologies, C++, MOM (Message Oriented Middleware), EJB (Enterprise Java Beans) and Database Management Systems in the delivery of robust mission-critical business applications and B2B, EAI, Web-based and eCommerce systems. Chaeron also has extensive experience in delivering embedded Java, wireless and location-based (GPS) solutions

Whether providing objective advice to executives, leading, motivating and building technology teams or complementing IT staff on a project basis, Chaeron can help map a corporation's business objectives into maintainable and extensible business systems that are functional, on time and under budget.

Business Services

Leadership	Executive leadership (CTO/CIO/VP IS level) • Business and Technology strategy & planning • R&D management • Technology team creation, motivation, inspiration & retention • Developer mentoring & motivation • Sales/Marketing support
Project Management	International & multi-location team and programme/project management • Cost Justification • Budgeting and Cost management
Process/Methodology	Agile Software Development • Feature Driven Development (FDD) • UML-based processes • Rational Unified Process • Extreme Programming (XP) • Scrum • Joint Application Development (JAD) • Highly engineered systems (Waterfall)
Analysis	Short and long-range technical and business requirements analysis • User needs analysis and liaison • Cost/benefit analysis
Industry Expertise	Telecommunications • Manufacturing • Distribution • Financial Services • Banking • Insurance • Computer Technology • Aerospace • Government • B2B (Business to Business) • EAI (Enterprise Application Integration) • eCommerce • Web Portals

Technology Services

Experience	Architecture • Design • Development • QA/Testing • Delivery • Deployment • Optimization • Re-engineering/Refactoring • Legacy System Integration
Architecture/Design	Technology Architecture • Preliminary and final systems design • Cost/benefit analysis • Emerging technology assessment/evaluation • Product/Partner evaluation • Object-Oriented design • UML Modeling • Rapid prototyping • Database design
Distributed Systems	Service-Oriented • ebXML • Web Services (WSDL, SOAP, UDDI, XML) • J2EE (BEA Weblogic, WebSphere, Gemstone/J, JBoss) • JMS • EJB • JSP/Servlets • Tomcat & Struts Frameworks • .NET
Development	RAD/Evolutionary OO development • Web Services-based systems • Implementation, transition & recovery planning • Systems performance tuning & optimization • Acceptance testing • Budget control • Project/Installation management • System documentation
Wireless	Wireless • Bluetooth • WiFi/802.11 • Mobile/GSM/GPRS
Location-based	GPS (Global Position System) software • GPS Markup Languages (GPSml Schema definition) • Mapping solutions
Internet/Web	Web Site Design • HTML • Java • Perl • Apache • FrontPage • Dreamweaver • GoLive • Adobe Photoshop/Premier • Image creation/photography
Tools	UML • Microsoft Project • Together Control Center • Rational Rose • TOPLink O/R Mapping • Blaze Advisor (Rules) • JBuilder • VisualCafe • VisualAge • Visual C++ • JProbe
Languages	Java (JDK 1.4, JFC/Swing, J2EE, J2SE, J2ME) • C++/C • Smalltalk • Object-Oriented Design and Development • Perl • Javascript • COBOL
Databases	Oracle • Sybase • SQLServer • DB/2 • IDMS/R • O/R Mapping • JDBC
Platforms	Cross-platform development • Win95/98/NT/2000/XP • HP • Sun Solaris • Apple • Linux • Unix • MVS • CICS • Handheld (Wireless, PDA, PalmOS, PocketPC) • Embedded Systems

Select Engagements and Success Stories

- ◆ Emerging technology strategic planning for a top-tier, Fortune 5 Automotive Manufacturer, including:
 - ◆ Creation of comprehensive Service-Oriented Architecture, Web Services and ebXML (B2B) strategies and recommendations
 - ◆ Evaluation and recommendation of standards, vendors and products to execute the strategy
 - ◆ Negotiation of vendor agreements for resources, products and support (many at little/no cost)
 - ◆ Creation, management and motivation of a multi-partner ebXML/Web Services implementation team
 - ◆ Delivery of a combined ebXML and Web Services reference implementation that broke new ground in the end-to-end integration of design/modeling of business processes, integration of back end fulfillment systems, negotiation of trading partner agreements, execution of B2B transactions and management/operational monitoring of the complete solution.
 - ◆ Delivery of comprehensive documentation spanning strategy, tactics, implementation and operations.
- ◆ For a Financial Services company, delivered promised results in a short period, including:
 - ◆ Architected advanced infrastructure based on J2EE/EJB/XML/Java
 - ◆ Delivered key Financial Web Services software consisting of 400K lines of quality performing application code, in less than one elapsed year, with only 3.5 man/years of developer effort.
 - ◆ Dramatically improved morale & productivity of technology team
 - ◆ 6 fold improvement in portal site performance & responsiveness
 - ◆ Delivered complete site Look/Feel/Usability redesign in 2 months
 - ◆ Improved IT procedures, operations and environment
 - ◆ Played key role in landing strategic, international partnership/joint venture deals
 - ◆ Created, inspired and led multi-national/location technology team to remarkable achievement and successful implementation.
 - ◆ Instrumental in sale of corporate assets, operations and transfer of staff
- ◆ Notable achievements for a software startup specializing in Project Management and Middleware software:
 - ◆ Designed/Delivered core middleware architecture & technology
 - ◆ Delivered Project Mgmt. Universal Viewer product on schedule
 - ◆ Built what was independently recognized as the hottest Java development team in the Ottawa valley
 - ◆ Created sales/marketing presentations and collateral material
 - ◆ Closed key technology partnership & distribution agreements
- ◆ Designers/Developers of an advanced real-time alarm monitoring OSS (Operational Support System) for Bell Canada. This functionality, that Bell Canada credits with saving them over \$2M during one large network switchover, was conceived, designed and implemented by Chaeron.
- ◆ Software architecture and development for GPS (Global Position System) solutions on Desktop, Handheld/PDA, Embedded Java and Wireless platforms. Designers of the GPXML markup language standard for GPS/position data encoding (XMLSchema).
- ◆ Speakers at industry conferences (JavaOne, Financial Services eCommerce, User Groups, etc.), authored the Sun Whitepapers for the Java Message Queue messaging product and provided technical review for O'Reilly's EJB book.
- ◆ Chaeron Corporation is also providing strategic technology management and consulting services to many Fortune 500 corporations for B2B, EAI, eCommerce solutions, and distributed Service-Oriented/Web Services architectures, Chaeron has been instrumental in the design/development of Manufacturing, Distribution, Telco, Financial Services, Insurance & Government applications.

Select clients who have benefited from Chaeron's expertise:

- General Motors
- Barclays Group UK
- Bayshore Capital
- onFinancial
- iMoney.com
- RPM Technologies
- canoe.ca
- Bayshore Capital
- Bank of America
- Barclaycard UK
- Sun Microsystems
- IBM
- RPM Technologies
- United Airlines
- Newbridge Networks
- Nortel
- Bell Canada
- Chrysler
- Spar Aerospace
- Dighem I-Power
- Canada Packers
- Bell Sygma
- Yamaha Motors
- Revenue Canada
- Accredo Systems

Chaeron Corporation's goal is to design cost effective and long lasting solutions to fit our client's needs. Whether designing distributed Service-Oriented architectures, Web Services, ebXML or J2EE systems, XML Technologies or B2B/EAI/eCommerce/Web Portal solutions, Chaeron has the experience required to deliver success. A proven international performance record across many industries, including: Telecommunications, Manufacturing, Distribution, Aerospace, Financial Services, Insurance and Government demonstrates how clients can benefit from Chaeron's services. Chaeron has a talent for recruiting, retaining and motivating world-class technical people and has an exemplary history of implementing critical business systems that are functional, maintainable and extensible, on time and under budget.