



Elite Software R&D Services
Since 1990

Auriga Financial Services Expertise

Since its foundation in 1990, Auriga strived for being on the leading edge of creating innovative solutions and venturing into new areas of expertise. With technology playing an increasingly critical role in the banking and finance world, Auriga has already earned a track record of excellence in providing software solutions and services for the leading global financial services organizations, including Renaissance Credit and some of the worldwide pre-eminent financial services companies. Auriga helps its banking and legacy clients drive operational efficiencies, solve industry specific challenges, and meet their cost reduction goals.

Auriga offers professional expertise in the following areas:

- mission-critical financial applications
- e-commerce
- e-marketing systems
- data management systems
- business intelligence
- reporting systems
- electronic connectivity solutions using financial information exchanges, protocols (FIX, FIXML, FpML, SWIFT)
- enterprise workflow/content management systems (CMS)
- data warehousing
- enterprise information portals (EIP)
- CRM systems for sales, marketing and customer care
- enterprise application integration services (EAI)

Services

Auriga provides the following services that are seamlessly integrated with the customer in-house IT services:

- **Software Product Engineering and Application Development and Maintains**
 - Requirements Gathering and Analysis, Conceptualization and Architecture Design
 - Custom Software Development
 - Product Maintenance
 - Re-engineering and Porting

- Localization and Globalization
- Customization and Integration
- **Software Testing and QA**
 - Independent quality control and audit
 - Automated and Manual Testing
 - All Types: Functional, Performance, Stress/Load, Compliance, etc
- **Product Support**
 - Level 1, 2 and 3 Support
 - Deployment and Field Support
- **Research**
 - Technology Research, Concept Piloting, and Prototyping

The highest level of provided services is ensured by achieved CMMI Level 4 and Auriga' client-centricity policy: focus on client's business goals and providing best value, establishing comfortable and efficient communications, individual approach and agility to each client.

Tools and Technologies

Auriga has a proven track record using the following technologies for financial applications development:

Supported Platforms

- **UNIX and Linux**
 - Linux, AIX, HP-UX, Solaris, SunOS, Digital UNIX/Tru64 UNIX, SCO UnixWare, SCO OpenServer
- **Windows**
 - Windows 98/ME/NT/2000/XP/2003/Vista
 - Windows NT 4.0 Embedded, Windows XP Embedded, Windows CE/Mobile

Programming Languages

- C/C++
- C#
- Java
- Visual Basic
- SQL



Enterprise Application Technologies

- J2EE
- Microsoft .NET Framework
- ASP.Net
- DevExpress Windows® Components
- Third-party frameworks
 - J-Integra, OpenLDAP, Jakarta commons, Jboss Cache, Tapestry, Hibernate, Crystal Reports, Aspose, etc

Application Servers

- IBM WebSphere
- BEA WebLogic
- Sun Java System Application Server
- JBOSS
- Oracle AS

Web and Portal Servers

- Microsoft SharePoint Portal Server
- IBM WebSphere Portal Server

Database Management Systems

- Oracle
- MS SQL Server
- Sybase
- DB2
- Informix
- MySQL

Project Samples

Auriga is currently engaged in a number of projects for its finance services clients, including verification of a complex e-commerce system, development and all-round automation of internal IT and business processes, and others.

Verification of a complex e-commerce system release

Auriga is performing development, testing and, in the future, maintenance of the forthcoming One-to-One Commerce release.

This BroadVision application represents a multi-channel sales portal that automates the entire sales process from lead generation to sales execution to customer support. A significant number of BroadVision customers including

Home Depot, Northern Trust, Sears, Toshiba, U.S. Air Force, U.S. Postal Service and Xerox have already use One-to-One Commerce.

Key features of the new release will include support of most recent versions of Java, Servlet container, application servers (WebSphere, WebLogic, Sun Java System Application Server).

Full life-cycle development of the teller in-place system

Auriga participated in the full life-cycle development, testing and maintenance of the teller in-place system for one of the worldwide pre-eminent financial services company, with some 200 million customer accounts in more than 100 countries. The main idea of the project was to consolidate several applications into one product with increased information security level and operating speed that will lead to the raising of the customer service level.

While fulfilling this project all business and functional requirements of the client were executed. The final version of the application has the following features - vault balancing, till balancing, exchange rates, foreign exchange operations, cheque collection, clients' cash discipline. Besides, Auriga engineers implemented the formal scale of rank of assignments to improve information security of the system and the function of activity log report that means that all major events and actions that happen in the system are logged and available on the query of the authorized users. All procedures are accompanied by appropriate reports.

Auriga's experience with this project, allows drawing the following conclusions:

- Paperwork is dramatically reduced
- Interaction between bank departments/branches significantly improved
- Information security is enhanced
- Time required to perform some operations is reduced manifold

Client requests are processed much faster