

WHO WE ARE



The relationship you expect from a primary business partner is about to change. Through progressive methodologies and a focus on the most

empowering solutions, *Marjau Systems Corporation* will become your most trusted strategic partner.

As a Service Disabled Veteran Owned Small Business (SDVOSB) we remain committed to ensuring “*best in class*” IT solutions for government entities as well as private industry.

We have extensive expertise in:

- Agile Development, including Test Driven Development (TDD), Agile Modeling and eXtreme Programming
- Mobile Application Development, including the use of Marjau™ Mobile Synchronization Framework to speed the co-design and co-development of Integrated Mobile/Server Systems
- Enterprise Architecture (Sun Certified Enterprise Architect on staff)
- Systems Design and Integration, including UML Modeling and requirements elicitation
- Database Design and implementation (RDBMS Vendor Certified Designers on staff)
- Open Source Software and Frameworks

PRINCIPLES OF AGILE SOFTWARE DEVELOPMENT

- Customer satisfaction by rapid delivery of useful software
 - Working software is delivered frequently (weeks rather than months)
- Working software is the principal measure of progress
 - Even late changes in requirements are welcome
 - Close, daily cooperation between business people and developers
 - Face-to-face conversation is the best form of communication (co-location)
 - Projects are built around motivated individuals, who should be trusted
- Continuous attention to technical excellence and good design
 - Simplicity
 - Self-organizing teams
- Regular adaptation to changing circumstances

Beck, Kent; et al. (2001) “Principles behind the Agile Manifesto”
Agile Alliance: agilemanifesto.org/principles

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*Where Your Unique Technology Challenges
Are Met With Progressive Solutions*

agile development | digital forensics | data mining | system integration



MORE ABOUT OUR CAPABILITIES



AGILE SOFTWARE DEVELOPMENT

The *Marjau Systems* team has deep experience across multiple software development methodologies. Agile methodologies for software development

foster cohesiveness between the *Marjau Systems* team and you, the client. As a result, we focus all of our custom software development projects on this progressive software development methodology.

Because of its progressive nature some of the world's most respected Fortune 500 companies are adopting the agile software development methodology.

You'll benefit from the agile software development methodologies across all of the following custom software development services:

- Web Applications (J2EE, .Net)
- Mobile Platforms
 - Applications
 - Data Synchronization
- Service Oriented Architecture (SOA)
- Rich Client Applications
- Embedded Systems

See the back of this document to read the principles of agile software development and find a link to learn more.



DIGITAL FORENSICS + SECURITY

Digital forensic science involves the detection of digital fraud with malicious intent. The scope of digital forensics can vary from simple information retrieval to reconstruction of a series of events.

The capabilities of contemporary software have made the manipulation of digital content more complex and harder to detect. Although it's often hard to quantify, the Digital Forensics Association estimates losses from digital fraud to be more than \$630 million dollars.

Tools are available to detect and reduce your organizations risk. The *Marjau Systems* team provides you with an authority experienced in the following aspects of digital forensics:

- Cryptography
- Steganography
- Biometric Technology
- Intrusion Detection
- Data Profiling



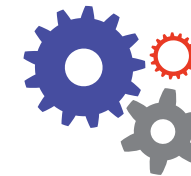
DATA MINING

Data mining is the process of extracting patterns from data. Data mining is seen as an increasingly important tool by modern business to transform data into an informational advantage. It is currently used in a wide range of profiling practices, such as surveillance, fraud detection and scientific discovery.

Data mining techniques are also used to identify terrorist activity; the National Research Council provides the following definition: "Pattern-based data mining looks for patterns (including anomalous data patterns) that might be associated with terrorist activity — these patterns might be regarded as small signals in a large ocean of noise."

A well designed data mining system will enable you to identify trends and behaviors that will allow your business to make proactive, knowledge driven decisions, reduce costs and maximize your customer relationships. *Marjau Systems* can incorporate data mining systems into the following specialties:

- Expert Rule Based Systems
- Decision Support Systems
- Event Processing
- Workflows
- Extract/Transform/Load (ETL) Processes



SYSTEM INTEGRATION

System integration is the process of linking together different computing systems and software applications physically or functionally. These skills are in increasing demand as more organizations look to link cloud computing platforms to traditional systems.

System integrators like *Marjau Systems* bring together complex systems using a variety of techniques such as computer networking, enterprise application integration, business process management and manual programming. A good system integrator creates exceptional value by developing system capabilities previously unforeseen.

The team at *Marjau Systems* utilizes a breadth of experience across multiple skill sets including the following:

- Software Interfaces
- COTS Integration
- COTS Development