



# Information Technology Expertise

## The AEM Difference

- Instilled CMMI Level 3 Organization for both Services and Development
- SEI Certified SCAMPI Lead Appraiser for CMMI for Services and Development
- Agile development methodologies including a team of Scrum Certified Professionals (Master, Product Owner and Developers)
- Team of DoD 8570/8140 Certified Professionals
- Earned Value Management Professionals, certified by PMI
- Lean Six Sigma Consultants
- Project Management Professionals (PMP)
- Preferred JBoss Certified System Integrator
- Oracle Certified Professionals (OCA, OCP, Exadata)

## OVERVIEW

Over the past decade, advancements in information technology (IT) have empowered organizations with more efficient and effective tools. This has placed IT at the core of virtually every business process.

AEM understands the challenges faced in maintaining an IT infrastructure with limited budgets and numerous ongoing, high-priority initiatives. Our responsive and knowledgeable technical experts deliver value-added services for enterprise solutions across technology stacks.

Our clients turn to AEM because we reduce risk on high-profile projects with predictable and repeatable processes. Our experts manage the IT operations of client application environments, implement cloud technologies, and modernize and secure information systems. We provide end-to-end data solutions that ensure concise and secure maintenance, management, comprehension, and use of the information that drives success in organizations.

## AREAS OF PRACTICE

### Managed Services

- Technical help
- Desk and support centers
- Infrastructure design and modernization
- Training and outreach
- Hosting servers and systems

### Data Strategies

- Database architecture, design, and implementation
- Data migration and optimization
- Database health checks and performance tuning
- Business intelligence, dashboards, and reporting

### Information Assurance and Cybersecurity

- DoD risk management framework
- Information assurance (IA)
- DoD security technical implementations guide
- System Readiness Reviews (SRR)
- Certification and accreditation

### Enterprise Technology Solutions

- Service-oriented architectures (SOA)
- Professional open source and cloud computing
- Enterprise application development and integration
- Identity management/ automated provisioning
- Engineered systems implementation