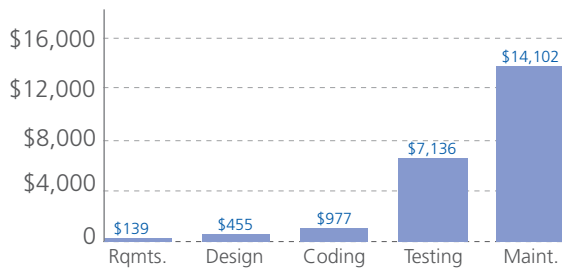


Quality Assurance



A challenge of all IT organizations is to consistently deliver quality products and services while maintaining a balance between delivery schedules and cost. Many organizations attempt to improve quality with a singular focus on testing, often with disastrous results. Studies show that companies spend 15x-50x more than necessary when defects are identified in the test phase. Savings can be realized if these defects were discovered earlier in the requirements or design phase.

Costs of Correcting Defects

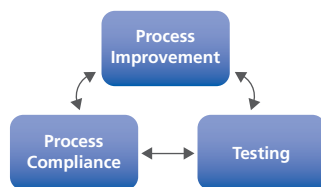


Software Development Lifecycle Phase

■ \$/Defect Corrected

Source: B. Boehm & V. Basili, "Software Defect Reduction Top 10 List", IEEE Computer

In order to reduce risk, minimize re-work and control costs, organizations need a well-designed quality strategy that focuses on three distinct elements of quality:



- **Process improvement:** Preventing defects early in the development life cycle
- **Process compliance:** Ensuring compliance with popular standards and frameworks
- **Validation & verification:** Efficient, cost-effective and automated detection and resolution of defects

How We Deliver

CDI's Quality Assurance and Testing solutions help organizations reduce QA expenses while maintaining superior quality. With years of experience with standards including Capability Maturity Model (CMM), Information Technology Infrastructure Library (ITIL) and ISO 9000, CDI has the ability to:

- **Reduce the Cost of Quality Assurance** by defining processes, policies and templates at all stages of quality assurance including code reviews, non-compliance reporting and requirements traceability
- **Improve Compliance** through definition and implementation of policies, procedures and templates required to ensure compliance from start-to-finish
- **Reduce Test Cycle Time** by developing strategies and execution plans for test tool selection, automated testing and test environment management
- **Enable Risk-Based Testing** to optimize QA and testing expenditures by aligning testing rigor with project complexity and risk

(continued on next page)

CDI Core Services

IT Consulting & IT Outsourcing

Application Life Cycle Management

- Application Development
- Application Maintenance & Enhancement
- Application Migration
- Web Content Management
- Requirements Management
- Software Quality Assurance
- Application / Database Assessment

Customer Support

- Application Support
- Infrastructure Support

Quality Management

- Defect Prevention / Quality Assurance
- Defect Detection / Testing
- Project Management Tailoring

IT Process Management

- Program and Project Management
- Portfolio / Investment Management
- Risk / Security Management
- Skills Management

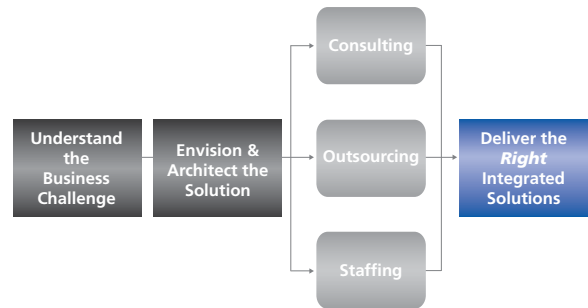
IT Operations

- Hardware & Operational Environment Management
- Remote Server & Desktop Support
- Disaster Recovery Plans & Back-up Center Service

IT Staffing

- Staff Augmentation
- Direct Hire
- Managed Staffing

Our consultative, flexible approach allows us to be your complete IT solutions provider:



To learn more visit: www.cdi-its.com

CDI IT Solutions is a division of CDI (NYSE: CDI), a leading provider of engineering and information technology outsourcing solutions and professional staffing.