Customers should not be testers

Excellent Quality Assurance is valued for what it anticipates, discovers and removes. When QA fails, your customers suffer. Bugs are normal and expected in the development process. But superb QA finds and eliminates them to elevate the user experience and maximize business value.

The challenge is to deliver coherent quality that will:

- Align testing priorities with business goals and technical risk
- Test business process, not just code
- Trace requirements throughout the development life cycle to ensure testing coverage
- Integrate testing and development to improve feedback

Coherent Solutions is a custom software development consulting company that enables its customers’ business innovations through technology. Customers benefit from the breadth and depth of Coherent’s 500+ people in offices in the U.S. and Eastern Europe working within Coherent’s proven, global delivery model. Our expertise is world-class. Our approach eliminates surprises. Our solutions create advantage.

With automated regression testing, my team can be confident that we are putting out a bug-free, quality product that works for every practitioner to be able to fit our clients properly.

Angela Pals,
Manager of Software Services,
Starkey

Better Teams. Better Results.

Exceptional people improving the way software is built by bringing together global expertise, innovation and creativity — that’s Coherent Solutions. Since 1995, we have helped large enterprises, software vendors, and technology startups save development, testing and maintenance cost, and bring products & complex applications to market faster.

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Improve Your Products

We improve the quality of client's applications so they function, perform, and scale properly on day #1 of production. We increase your software testing capabilities to the level that best supports your business goals.

QA Consulting
- Tools
- Best Practices
- Metrics
- Dedicated Teams

Manual Testing
- Functional
- Compatibility
- Requirements
- Configuration Audit
- Documentation

QA Automation
- Functional
- Compatibility
- Performance
- Load
- Web & Mobile

Optimize Agile Testing

Coherent Solutions uses Agile methodologies to manage over 90% of its engagements and is skilled at integrating testing into the Agile process. This allows teams to validate today's work and to ensure that tomorrow's actions are meaningful without losing sight of the end objectives.

QA integrated into development team, not a separate organization
Test inside the sprint
Bugs fixed inside the sprint
Automated testing
Continuous integration
Gated check in, rapid rollback
DevOps

Take a Proactive Approach

A purposeful, proven, and documented approach is the only way to assure software results that are defect-free. As they say, "hope is not a strategy."

<table>
<thead>
<tr>
<th>Test Management:</th>
<th>collect, analyze &amp; report metrics, continuous improvement, schedule &amp; budget</th>
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<tbody>
<tr>
<td>Planning / Design</td>
<td>Execution</td>
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<tr>
<td>Plan and Design are</td>
<td>Functional &amp; Regression Testing</td>
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<tr>
<td>- Product-specific</td>
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<tr>
<td>- Risk focused</td>
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<tr>
<td>Test plan includes strategy &amp; logistics</td>
<td>Performance, Load &amp; Stress Testing</td>
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<tr>
<td>- Requirements</td>
<td>- Automated, manual, exploratory &amp; load procedures</td>
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<td>- Security</td>
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<td>- Coverage</td>
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<tr>
<td>Requirements Traceability Matrix (RTM)</td>
<td>Test Automation</td>
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<td></td>
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<td>- Xunit</td>
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<td></td>
<td>- Xamarin Test Cloud</td>
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Test Infrastructure: manage environments, data sets, configuration, builds, tools

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