



## Orasi's Roadmap Assessment: Improving Software Quality

The software quality management (SQM) implementation roadmap is focused on problem solving as opposed to an inspection of SQM's current state. Depending on applicability, the assessment addresses the following capabilities:

- **Process:** Current state and recommended desired state of the SQM process.
- **Organization:** Current roles and skills and a recommended organizational structure that supports the recommended desired SQM state.
- **Deliverables:** Current and recommended set of deliverables produced by the SQM process.
- **Tools:** Current and recommended software tools used to support the SQM process and potential elimination of tools.
- **Staff Competency:** The knowledge, skills, and ability of the SQM organization. Current state of skill sets and recommended skill sets to support the proposed desired state
- **Techniques:** The definition, usage, and management of SQM standards and best practices.

### Onsite Visit Activities

- Interviews with key personnel in the following categories:
  - Requirements fulfillment
  - Software development
  - Test and quality management
  - Data/environment management
  - Build and release
- Process reviews and walkthroughs
- Documentation standards reviews
- Technology reviews and assessments

### Deliverables

- SQM roadmap content
  - People, process, and technology observations used as rational for recommendations/activities
  - People, process, and technology recommendations/activities
  - Near-term, mid-term, and long-term timeframes
- SQM roadmap formats
  - Executive summary MS PowerPoint presentation
  - Detailed Microsoft PowerPoint presentation or detailed Microsoft Word report

### Service Areas Covered

- Your existing organizational structure and how you want to see it evolve
- Collaboration between the development team and the QA team
- Which groups provide which types of testing
- Technology utilized currently and recommendations moving forward
- How to fit the QA function into new continuous integration/delivery processes
- Short-, mid-, and long-term planning

*Contact your Orasi account manager to schedule a roadmap assessment.*