## Software Quality Practices Explained



1 TANTUS



1. Recognize the impact and cost of software defects

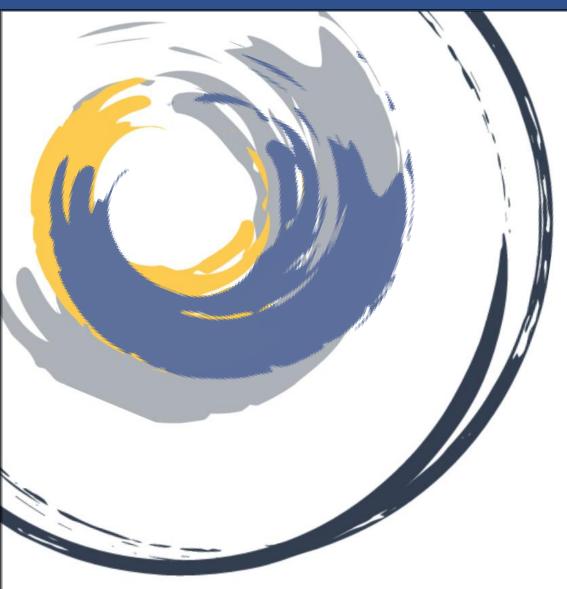
2. Understand what "Built-in Quality" means

3. Distinguish the 5 areas of quality practices in the Software Development Life Cycle

4. Identify ways to measure quality



CCSQ Lean Agile Center of Excellence





- Quality Practices, Compliance, and non-functional requirements must be integrated into delivery practices
- Late validation phases do not ensure quality
- Late validation phases only confirm the quality of development value stream practices
- A culture of "never release known defects" must be part of the organization

## **Backlog Refinement**

**Dig Deeper** User Story workshop offered by the LACE

Software requirements have always been the primary impediment to quality, because complex systems cannot be described before they exist.

Good Requirements are the most effective and inexpensive way to decrease quality problems

Accelerate development, testing, and validation

Reduce disruptive emergent discovery Increase Commitment Reliability Decrease rushed quality problems resulting from rushed delivery

Requirements