

Enterprise Applications Test Maturity Plan

From March till May 2013 a Quality Assurance Review (QAR) was performed at OCIO. The QAR found that OCIO currently uses test processes, strategies, approaches, and metrics that lack in maturity and differ per project or group. Because of this, testing has become unpredictable, unmeasurable, and unrepeatable, in turn leading to inefficiencies, lower quality and difficulties in management oversight.

As a result, the Test Maturity Plan has been developed to change Enterprise Applications's testing processes to become consistent, more mature and accountable.

Expected Benefits of the Test Maturity Plan:

- Early detection and prevention of defects
- Consistent approach and metrics between projects and groups
- Measurable results with metrics showing testing health and progress
- Development of a testing attitude, with testing competencies and skills built in OCIO
- Testing activities (non-execution) off the project critical path
- Scalable processes based on project classification

Components of the Test Maturity Plan:

- **Test Plan** – communication tool that documents the test strategy and all supporting processes and decisions for the testing effort of a project
- **Testability Review** – review of the business and functional requirements by an independent reviewer before the requirements are final and approved
- **Risk Matrix** – method to determine the business risk and technical risk for each functional requirement
- **HPQC** – is a tool that manages the testing lifecycle. OCIO EA will use the following features:
 - Requirements
 - Test cases
 - Traceability
 - Defects
 - Metrics and reporting

Each of these components will be explained in further detail in the appendices.

Flow – Test Maturity Plan for FY14

