



# Test Process Implementation

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## Agenda

**Introduction (Short presentation of myself & Compuware)**

**Why implement a test process?**

**What is QualityPoint?**

**Implementation of a test process**

**Assessment**

**Planning**

**Implementation**

**Closure**

**Q&A**

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## Introduction

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## Myself

**Testing Manager**

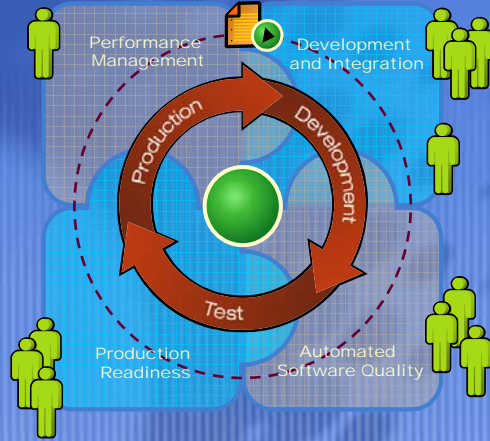
**Almost 5 years in (structured) testing**

**IT Background**

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# Compuware



# The Case

- Software editor**
- Financial sector**
- Fast changing**
- Component based application**



## Why implement a test process?

- Repeatability**
- Level of quality**
- Completeness**
- Short induction cycle**
- Better control**



## What is QualityPoint?



## What is QualityPoint? (1/5)

QualityPoint brings the following to the software testing process:

- Repeatability
- Measurability
- Control
- Risk identification / avoidance
- “Requirements based” information to make release decisions

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## What is QualityPoint? (2/5)

**Phase I - Test Process Assessment**

- Determining where to start
  - Evaluation of current environment
  - Short term recommendations
  - Long term recommendations
  - Basis for remaining phases

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## What is QualityPoint? (3/5)

### Phase II - Project Planning

- **Determining how to get it done**
  - Determining resource needs

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## What is QualityPoint? (4/5)

### Phase III - Key Process Area Implementation

- **Getting it done**
  - Test planning
  - Test case development
  - Test environment preparation
  - Test execution
  - Test results analysis
  - Management reporting

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## What is QualityPoint? (5/5)

### Phase IV - Project Closure

- What we completed
  - Training
  - Hand-off
  - Confirmation of deliverables
  - References



## Assessment



## Assesment

Scope of Work



Interviews



Analysis

Management Report



## Planning



# Planning

Statement of Work



Risk Management



Communication Plan



# Implementation



## Implementation

- Test Planning
- Test Case Development
- Test Environment Preparation
- Test Execution
- Test Result Analysis
- Management Reporting



## Test Planning

Test Strategy



Test Plan





## Test Case Development

Test Case Decision Tree



Load scenario's



## Test Environment Preparation

Environment Preparation





## Test Execution

Test Schedule



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## Test Result Analysis

Defect Registration



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# Management Reporting

Test Summary



Management Report



# Closure



# Closure

Intranet



# Questions and Answers

