



Promoting IT Efficiency

## **QAIassist Integrated Methodology Benefits**



## **QAAssist Integrated Methodology®**

### **Description**

The QAAssist Integrated Methodology® suite is the industry leading integrated IT methodology most used and trusted by small and mid-sized business (SMB's). Aligned with industry recognized standards and "best practices", it offers SMB's a tool they can leverage to increase their IT efficiency, operational performance and bottom line. The QAAssist Integrated Methodology® is scalable and can be customized - organizations rely on its flexibility to help them deliver and maintain their products, projects and greater IT efficiencies. It is relied upon in a host of IT environments (development, application maintenance and support) and leveraged across a wide range of IT delivery (waterfall, agile, spiral, RAD, etc) approaches.

### **Project Context**

The QAAssist Integrated Methodology® suite provides project teams a tool they can leverage to consistently deliver quality products/projects on time and within budget. It is deliverable based and incorporates the three primary IT (project management, software development, software testing) methodologies (see below). It includes a set of sample deliverables (all methodologies) that project team members can use for referencing when completing their own project deliverables - it also includes a set of instruction filled "blank" deliverables (all methodologies) that project team members can utilize to populate the specifics of their own project.

### **Process Context**

The QAAssist Integrated Methodology® can become an organizational process relied upon by senior management, business stakeholders/users, IT development and maintenance staff to deliver all applications and IT functionality. It acts as the foundation from which organizational "quality assurance", "IT performance metrics", and "cross functional IT training" can be attained.

### **Project Management Lifecycle**

Projects can suffer and stagnate from a number of reasons - lack of official ownership, project scope creep, limited requirements definition, ineffective planning and status oversight, allocation of resources, issue and risk management to name a few. In the majority of cases, these deficiencies can be addressed by incorporating a higher degree of project management. The QAAssist Integrated Methodology® provides project stakeholders, business stakeholders and users, project managers, and project team members the structure and deliverables they require to effectively initiate, plan, execute, and deliver any project on time and within budget.

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## **Software Development Lifecycle**

Far too often projects are delayed or re-worked due to a number of recurring deficiencies – lack of defining the business requirements, not designing the application to satisfy those business requirements, not building the application according to the design. In most cases, these deficiencies can be resolved by ensuring business requirements, architectural design, and specifications (functional and technical) are documented, communicated and shared amongst the project team members. The QAIassist Integrated Methodology® provides business managers, business analysts, technical architects, systems analysts, programmers, and testers the structure and deliverables they require to clearly establish the business requirements, design the technical solution, and develop the code for the application - delays and rework are avoided. The QAIassist Integrated Methodology® provides a scalable cost effective structure and deliverables that can be used to define, design, and construct software development and maintenance projects - it is applicable for both development and maintenance environments.

## **Software Testing Lifecycle**

Frequently, projects fall behind schedule during development - this results in shortening the amount of time and effort available to test the user functionality. Applications are routinely “thrown over the fence” to the Quality Assurance and Testing resources with the expectation that the application is going into production on a specific date. Testing that was originally scheduled to take a month gets whittled down to one week and applications are migrated into the production environment without thorough testing. The result, an unstable application that puts stress on everyone from the user through to the IT resources. In almost every case, these deficiencies could be alleviated by applying rigor to the testing discipline to ensure applications released into the production environment meet the business needs and the specifications before they are migrated into the production environment. The QAIassist Integrated Methodology® provides QA managers/leads, analysts, programmers and testers the structure and deliverables they required to ensure the application being delivered adheres to authorized requirements and specifications - it is applicable for both development and maintenance environments.

QAIassist - “IT Efficiency” smart

*QAIassist is the industry recognized benchmark in information technology (IT) methodologies for small and mid-sized business (SMB's) – including the certification and support of practitioners delivering QAIassist IT Methodology solutions. Visit [QAIassist's website -www.qaiassist.com](http://www.qaiassist.com)*

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