

Implementation Services for CA Agile Requirements Designer

At A Glance

Implementation Services for CA Agile Requirements Designer help organizations implement the solution, transition to continuous testing and integrate test-case development with documented requirements. These services help organizations extend their abilities to manage requirements through models developed with CA Agile Requirements Designer, use those models to automatically generate test cases including automated test cases, as well as generate test data needed by those test cases. With CA Agile Requirements Designer implemented and adopted, organizations can transform how business, software development, testing and release management teams collaborate to deliver better solutions faster.

KEY OUTCOMES

- Implements CA Agile Requirements Designer more quickly and aligned to existing software development lifecycle (SDLC) processes.
- Fosters adoption of CA Agile Requirements Designer and solution best practices.
- Helps reduce costs by accelerating the transition to continuous testing.
- Can reduce response times of development and testing teams when changes are needed.

KEY SERVICES FEATURES

Foundation and optional acceleration services framework. Provides a proven, structured framework for organizations implementing CA Agile Requirements Designer capabilities required for continuous testing.

Roadmapping and planning assessment. Builds a prioritized plan to make incremental improvements to existing processes to achieve desired outcomes over near- and longer-term timeframes.

Collaborative approach. CA Services works alongside your development and testing teams to improve speed, responsiveness and knowledge exchange.

Coaching, best practices and documented recommendations. Imparts learning to teams to provide value after implementation engagement is completed.

Business Challenges

Continuous testing helps organizations speed software development and innovate more effectively while maintaining or improving quality in a cost-effective way. Without an agile requirements solution that can integrate with test data technologies and test case repositories, organizations revert to manual and silo-based management that impedes communication and responsiveness between development and testing teams. When requirements change or when new requirements are introduced, teams struggle to respond quickly and precisely which increases team stress and organizational costs and can delay release of important updates to market.

Without an agile requirements solution efficiently implemented, organizations struggle to:

- **Reduce testing costs, including resource time and manual effort.** For organizations that rely on manual testing, growth in application complexity and size dramatically increase costs.
- **Accelerate application delivery.** Outdated testing processes which accumulate in many organizations can impede bringing applications to market quickly.
- **Reduce the number of defects released to into production.** Organizations seek efficient, automated approaches to improve software quality.

Offering Overview

Implementation Services for CA Agile Requirements Designer include foundation services (required) and optional acceleration services.

Foundation services implement and configure the solution and deliver continuous testing capabilities required of all CA Agile Requirements Designer customers. These services set up and configure the solution and ensure a solid foundation in requirements modeling and automation is in place. Acceleration services enable customer-specific use cases.

Optional acceleration services extend the CA Agile Requirements Designer solution with additional integration, coaching and other consultative offerings. Both foundation and acceleration services are delivered based on predefined templates that can be adapted to specific customer needs. This modular approach is designed to quickly deliver measurable business value to the customer, focused on specific business outcomes.

Foundation Services

Foundation services for CA Agile Requirements Designer offer a proven, structured framework for organizations implementing CA Agile Requirements Designer capabilities required for continuous testing.

Model-Based Testing Roadmap and Planning Assessment Foundation Services

Creates a CA Agile Requirements Designer solution roadmap and recommendations through CA-led workshops with development, quality assurance and business analyst teams. Teams will analyze organization requirements management and testing processes, historical challenges, current state of capabilities, existing tool chain, processes and skillsets.

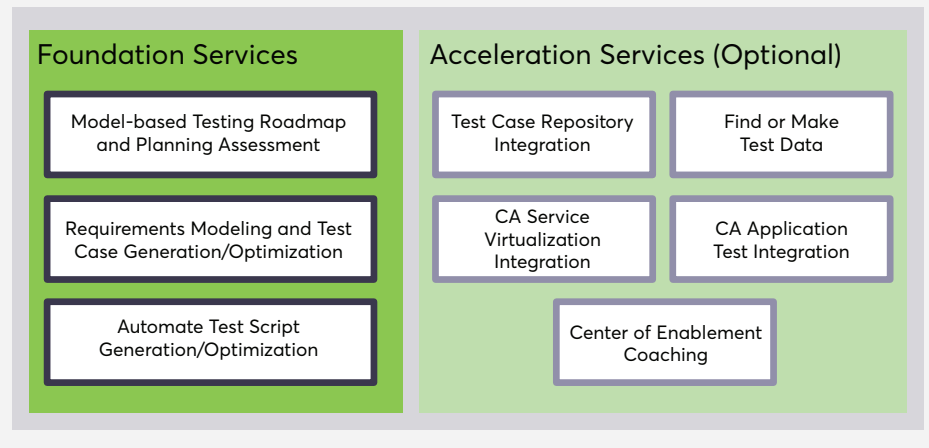
Requirements Modeling and Test Case Generation/Optimization Foundation Services

Models requirements and generates select test cases based on the scope identified during the roadmapping and assessment engagement (pre-requisite). CA Services provides guidance on best practices to integrate CA Agile Requirements Designer into the organization's current software development processes.

Automate Test Script Generation Foundation Services

Creates configurations within CA Agile Requirements Designer to automatically generate test scripts from the developed model. CA Services leads the organization's teams through in-depth analysis and discovery of the current automation framework to speed adoption of CA Agile Requirements Designer. Using the developed models, the solution layers automation capabilities on top of the model to auto-generate automated test cases from the model.

CA Agile Requirements Designer Implementation Services - Offering Structure.



Acceleration Services

Six optional acceleration services for Implementation Services for CA Agile Requirements Designer extend capabilities of the solution and may be adopted in any sequence.

Test Case Repository Integration Acceleration Services

Develops models for organizations to import test cases from an existing test case repository such as CA Agile Central, JIRA, HP ALM, TFS or spreadsheets.

Find or Make Test Data Acceleration Services

Configures the solution to find or make test data to execute all generated test combinations by linking to CA Test Data Manager. Prerequisite: CA Test Data Manager implemented.

CA Service Virtualization Integration Acceleration Services

Configures integration between CA Agile Requirements Designer and CA Service Virtualization to generate request/response transaction data that can be imported into virtual services to simulate transactions with real test data. Prerequisite: CA Service Virtualization implemented.

CA Application Test Integration Acceleration Services

Generates automated test cases and data sets from existing models that can be executed from CA Application Test (part of the DevTest platform).

Center of Enablement Coaching Acceleration Services

Helps organizations establish a Center of Enablement to drive enterprise adoption and continuous testing best practices.

For more information, please visit ca.com

CA Services has an unwavering commitment to your success. Our best practices and experience from thousands of engagements help you accelerate business value and achieve your desired business outcomes. CA Services helps you achieve those outcomes through enabling your organization, accelerating your technology services and managing your long-term success for full value realization.

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