

Full-featured Integration between CA Test Data Manager and TurnKey Scriptless Test Automation

Modifying existing business systems and processes to enable continuous, agile delivery is a growing challenge for enterprises today. Business critical systems are now continually updated to take advantage of new business opportunities, increase operational efficiencies and support the rapid rollout of branded products and services for end users. Increased automation of QA has become a strategic imperative.

Companies testing packaged, custom and mobile applications are seeking a comprehensive solution that combines robust test case creation and test data generation, coupled with true automated and scriptless testing for minimal user intervention. The CA TDM / TurnKey Integrator delivers on this promise through full-featured connectivity between CA's Test Data Manager and TurnKey's cFactory™ platform - delivering increased speed, efficiency and agility in testing.



Fast, Easy Test Creation & Data Modeling

With the CA TDM / TurnKey Integrator, users can import test cases and test sets directly into CA Test Case Optimizer (TCO) flows and Test Data Manager (TDM) pools. This allows users to easily create models for custom-created and pre-built automated test libraries, and support the most complex business critical systems including Oracle and SAP. Users can auto-generate test data scenarios exactly tuned to current testing needs. Libraries are also available to auto-create test data scenarios using TurnKey's custom ABAP data access library to support complex SAP testing requirements.



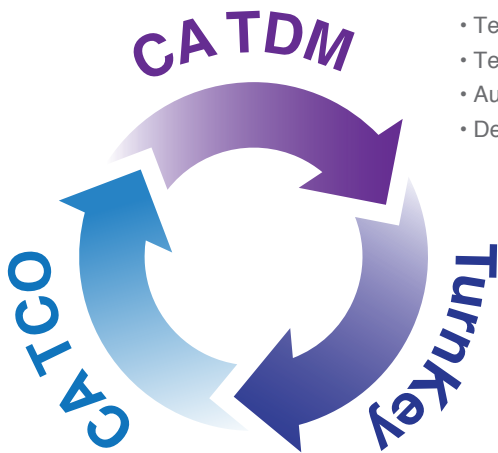
Comprehensive End-to-End Testing

CA Test Data Manager engine provides a detailed schema (pool) for each application under test. From this, data is provisioned and synthetically generated to help users apply data when and where it's needed. Users can view and modify tests, supporting their unique customizations. Data is then applied intelligently to the test automation process through TurnKey's dataDriver™ engine, to generate reliable, comprehensive, end-to-end and scriptless business process tests. These can be run without user intervention, immediately or at a later scheduled time.



Complete Test Data Management

The CA TDM / TurnKey Integrator solution provides users with an easy transition from manual testing to automated, end-to-end test execution – reducing manual effort, preventing errors and defects, and significantly reducing costs. Test coverage increases and test execution is faster. When things change, TurnKey's advanced auto-maintenance technology quickly validates changes on demand. The result? Increased support for Agile and DevOps practices, while further leveraging current QA technology stack investments to drive additional value.

**Advanced Automation**

- Test Data Modeling
- Test Data Generation
- Automated Test Execution
- Defect Identification

Continuous Test Integration

Test Data Modeling: Simply import selected test cases and test sets from your end-to-end process flows. CA TDM analyzes these test assets to help you define the data needed to fully test your system.

Find or Make Test Data: CA TDM then helps you quickly create and store specific data to test your unique functionality. This data can be re-used by others helping to speed and standardize your testing process.

Data-Driven Engine: TurnKey's true data-driven architecture then analyzes test data and automatically creates test objects and test paths to cover all business scenarios. The minimum test cases required to ensure maximum test coverage are identified and prepared for execution – resulting in true end-to-end automation.

The CA TDM / TurnKey Integrator provides full-featured connectivity between CA's Test Case Optimizer and Test Data Manager to TurnKey's core cFactory™ / dataDriver™ platform.

Comprehensive Test Data Management and Execution

Leverage world-class capabilities of the CA Test Data Manager solutions to model application business flows and generate optimized test data scenarios, including extensive test libraries like Oracle, SAP and others. Quickly and easily export generated test scenarios back into TurnKey's dataDriver™, to achieve true data-driven automation of functional and regression testing.

Testing Components

- CA Test Data Manager - end-to-end test data management tool for generating realistic data that can be used across all tests.
- CA Test Case Optimizer - test case design tool used to create and optimize test cases as well as quantify time and cost for code updates.
- TurnKey cFactory™ Software - test automation engine that generates the flow of tests for business critical processes.

> Accelerate time to market

> Lower testing costs and complexity

> Extend test coverage to minimize business risk

> Meet the demands of a dynamic agile environment

Let us show you how...schedule a live demo today! Contact sales@turnkeysolutions.com

For more information on TurnKey Solutions products, visit www.turnkeysolutions.com

