



Trinity Rapid Implementation and Integration (TRI²) Data Sheet

Software for improving Efficiency and Effectiveness

Streamline the Lifecycle Management process for Oracle E-Business Suite, improving efficiency and minimizing audit costs

TRI² is an Integrated system that automates:

- Migration of all patches, database objects, AOL Objects and Setups
- Regression testing by replaying recorded test cases
- Issue and Task Management

All these functions are driven through user defined workflows with approvals and complete audit control and history stored in Oracle database.

Need for TRI²

If you are a customer of Oracle E-Business Suite, 11.5.x or 12.x.x, then you would need to routinely perform the following functions:

- Apply patches
- Migrate custom database objects such as reports (Oracle and XML), forms, tables, views, PL/SQL packages, procedures and functions etc from the development environment to the QA and Production environments.
- Migrate application object library (AOL) objects such as Descriptive flex fields, users, menus, profiles, concurrent program definitions etc from development environment to the QA and Production environments
- Ensure that the above migration process is controlled and approved by the right stakeholders
- Perform regression testing after applying patches or new objects in the QA environment to ensure that the changes will not break something else that was working before

All or a part of these tasks are done manually by developers and DBAs in many organizations. Manual tasks are prone to:

- Errors
- Lack of audit control
- Unstable environments

These ultimately cause significant effort and rework resulting in lower efficiency, long lead times, and increased cost

Key Features of TRI²

Issue & Task Management

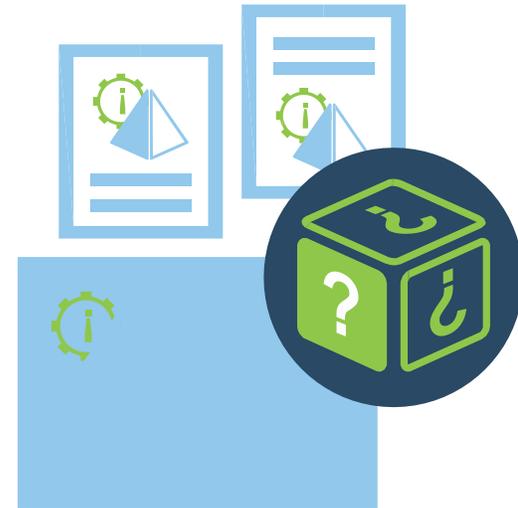
- Workflow driven
- Automated Notification
- Track due dates & Issue status
- Reminders and alerts for delinquent tasks
- Complete Audit control
- 2-way integration with Microsoft Project eliminating need for dual maintenance
- High level Project reporting in Gantt Chart
- Comparison with Previous plan / Baseline
- Project Critical Path
- Analytics – Dashboards & Trends
- Resource Load / Usage reporting
- Daily / Weekly Scheduled tasks for resource and Manager
- Tabular representation of data

Object & Setup Migration

- Automated migrations
- Source code management integrated with CVS / SVN
- Extract AOL Objects and metadata from source instances
- Validate version with Version Control System before migration
- Rollback to previous object versions, incase of failure
- Re-migrate lost object due to cloning
- Workflow driven
- Analytics – Dashboards & Trends
- Automated Notification with Migration details & logs
- Email based Approval mechanism
- Complete Audit control
- Upgrade packs generation from list of migrations / between dates

Testing

- End to End testing with multiple scripts without manually entering test data for every run
- Automated documentation capture and slide show replay
- Record and Replay in different instances
- Replay with multiple values on a single recording using Test data value sets
- Wait for concurrent program to complete in Replay
- Data gathering in a single screen
- Test plan execution
- Dynamic input values while replay – Inherit from previous script / eDapter / SQL / Autonumber
- Workflow driven
- Automated Notification
- Complete Audit control



Benefits of TRI²

- ❖ Improve Efficiency of the IT organization
- ❖ Improve IT General Control (ITGC) for Software Development Life Cycle (SDLC), Change Management, Source code management, Segregation of duties (IT functions), Technical support and Incident management
- ❖ Improve reliability of change management and end user experience
- ❖ Lower cost of ownership than competitive products from HP and Quest software
- ❖ One product to offer an Integrated system for testing automation, change management, and Issue & Task management, eliminating the need for dual maintenance and/or custom integration
- ❖ Eliminate manual tasks and helps with maintaining accuracy
- ❖ Easy to configure Integrated workflows for migrations
- ❖ Systematic Code backup process prior to Migrations
- ❖ Easy to Revert back change immediately and precisely in case of Migration failure
- ❖ Eliminate redundancy by 2-way integration with Microsoft Project
- ❖ Keep projects on TRAC using Timely, Reliable, Accurate and Complete data
- ❖ Generated documents (BR100) can be used as user desktop procedures for training
- ❖ Eliminate need for preparing Migration Documents
- ❖ Automated email notifications and Approval mechanisms
- ❖ No irregular PRODUCTION instance downtimes
- ❖ Highly Secured – User Based Security
- ❖ Automated migrations, testing
- ❖ Audit trail & SOX compliance
- ❖ Reduce Implementation time
- ❖ Single Source of Truth

How will TRI² make my organization more efficient?

TRI² is built on the basic premise that implementing and maintaining Oracle E-Business Suite are themselves business processes. Hence automating these business processes brings you the same level of efficiency as E-Business Suite brings to the rest of the business operations such as sales, supply chain and finance.

How will TRI² make my organization more effective?

TRI² has two-way integration with MS-Project built into it. This allows for measurement of project standards with actual results. Triniti believes that consistent measurement helps organizations become effective. Measurement is to effectiveness what automation and data quality are to efficiency. Hence TRI² will not only make your organization efficient by automating, integrating and keeping your data quality clean, but also effective by measuring targets objectively.

If we have different tools for all these problems can we not get the same benefits by integrating it ourselves?

Sure. However, it is important that you consider:

- Lack of Common Data Model. You will face the same issues that you face when you integrate best of breed systems which include a lack of common data model. TRI² is built ground up on a common data model and a service oriented architecture overcoming the traditional problems of integration.
- Cost. It is quite unlikely the cost of integration and continuous maintenance will be less than the cost of license, implementation and support of TRI²
- Training. With a consistent look and feel across all modules training is easier and less expensive.
- Time to implement will be significantly less than time to integrate.
- Bugs. You will experience more issues and bugs with integration.

Implementing E-Business Suite is such a difficult process. Is implementing TRI² as difficult?

No. It can be implemented in less than 2 weeks.

How is an implementation of less than 2 weeks possible when there are 3 modules?

TRI² was developed with real experience implementing E-Business Suite so it avoids many problems relating to usability, training and change management. The UI is very simple – requiring very little training. Further it's Excel look and feel makes it easier to learn. All data management and reporting are done in one screen eliminating the need to jump around screens.

How about the testing automation? Does it not need training?

Yes it does. However, since the UI is similar to any other testing automation software, the level of training required would be the same as any other tool.

What is the difference between TRI² and any other Issue Management system?

Most Issue Management systems are used only for audit control. Management reporting is usually done by Excel, dispatch and execution manually by Email and due date control also manual. TRI² manages all aspects – reporting, dispatch and due date control by system not manual. In addition it has automation for Source code management, Migration and testing.