

# Jira integration with Plutora Test and Plutora Release

Continuous Integration emphasizes test execution early and often, providing rapid feedback to development teams for each new code commit. Test tools often lack the automation required for effective shift-left testing, which means developers lose valuable time waiting on test results and failure details. As release velocity increases and complexity grows, there is no longer time for manual correlation of fast moving development and test activities.

Plutora Test tightly integrates test plans with Jira defects and user stories. Whether your Jira implementation is on-premises or in the cloud, Plutora Test creates a bi-directional sync to keep development and test tools automatically aligned. Teams continue to use their specialized tools, but are no longer siloed. Jira integration also feeds defects and user stories into Plutora Release, where release managers view consolidated status and interdependencies of complex releases at enterprise scale.

**“I see Plutora as the glue that holds the delivery process together, communicating with project managers, development teams, test teams, infrastructure teams, and stakeholders.”**

**Danny Tobias**

Project and Portfolio Environment Manager  
United Energy and Multinet Gas



## Jira Software

### Integration Benefits

#### Plutora Test

-  Produce quality code faster with automated sync of dev and test tools
-  Ensure proper test coverage of user stories
-  Establish traceability between test cases, defects, and requirements

#### Plutora Release

-  Centrally view defect backlog and pace of completion
-  Actively manage release scope to meet project deadlines

# Plutora Test

## Automatically create Jira defects

With a link established between Plutora Test and Jira, testers automatically create Jira bugs as issues are uncovered. Fault details from new or existing defects are pushed to Jira for developer insight and reproduction. Developers identify quality trends with new code commits and keep Jira as their tool of choice.

## Bi-directional sync of dev and test data

Updated or newly created records such as projects or requirements in Jira are synced by date or pushed to Plutora Test in a customizable cadence, keeping product management, development, and test aligned. Plutora Test receives automated updates of completions as developers close out Jira defects.

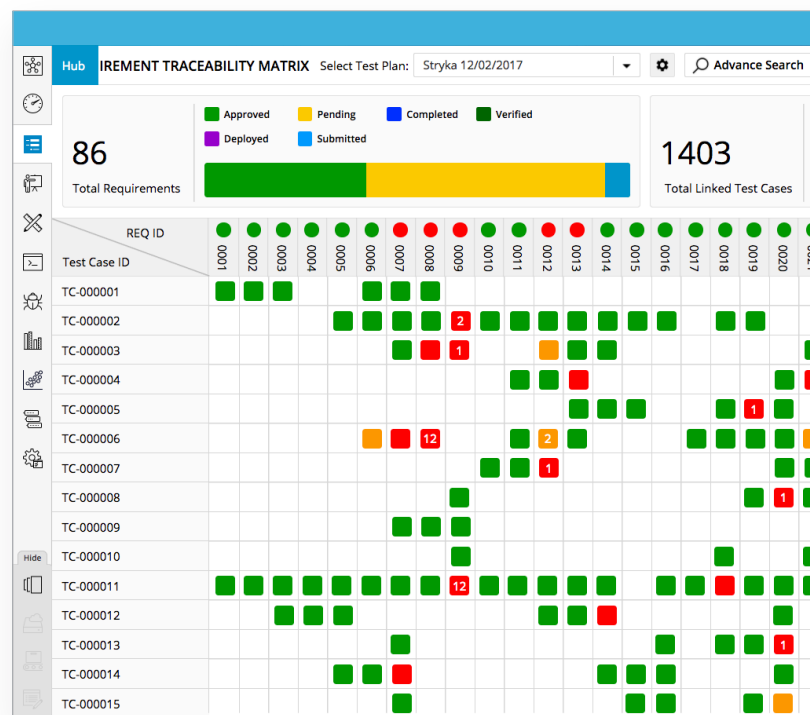
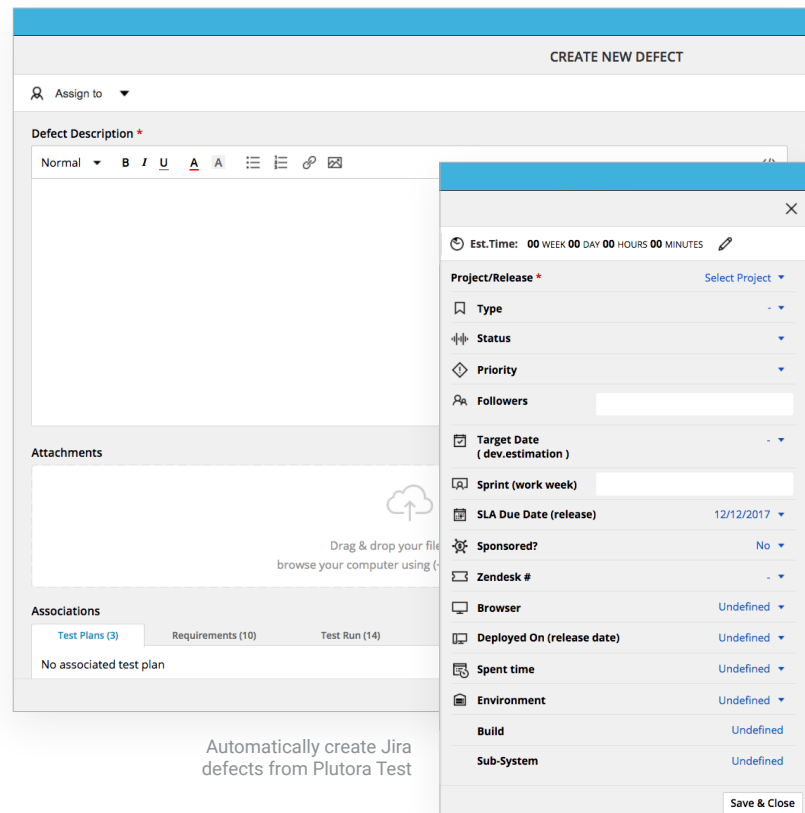
## Establish traceability of test cases and defects back to original requirements

Requirements and user stories are typically broken down into multiple development tasks for execution and testing, making it difficult for business teams to assess project status in Agile environments.

Plutora Test bridges this communication gap with Jira requirements integration. Traceability is established between user stories, related test cases, and known defects to provide all stakeholders valuable insight into validation efforts.

## Ensure proper test coverage of user stories

Intuitive charts in Plutora Test help business teams and domain experts evaluate test coverage for each user story and understand quality trends for improved risk assessment. Without disrupting dev or test teams, real-time reports summarize test status such as passed, failed, blocked, or descoped.



Plutora Test links requirements, test cases, and defects



Real-time QA reporting in Plutora Release

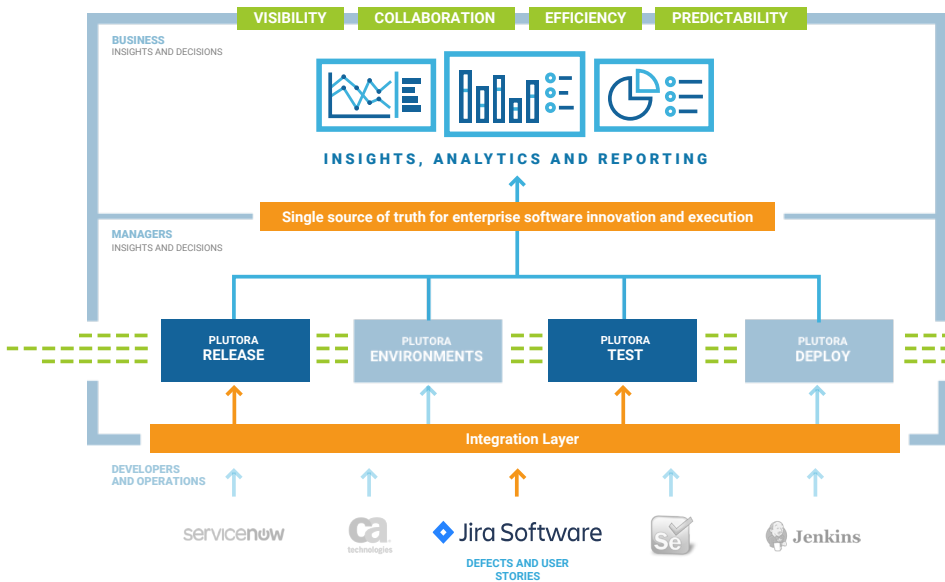
# Plutora Release

## Visibility of Continuous Integration workflows

CI workflow data can be pushed further down the DevOps pipeline to enhance visibility and management of the release process within Plutora Release. As developers manage backlog within Jira, release managers leverage detailed dashboards to view burndown rates, extract schedule dependencies, perform impact analysis, and more.

## Actively manage release scope

Integration with Plutora Release gives release managers line of sight to requirements stored in Jira repositories. Reporting and analytics highlight timelines and constraints associated with planned delivery items. Release managers can actively manage project scope by accessing and assigning Jira user stories to specific releases without disrupting product, dev, or test teams.



## Eliminate communication silos

Plutora Test and Plutora Release integrate with Jira Software to automatically sync dev, test, and release management tools.

**PLUTORA**

Learn more: [www.plutora.com](http://www.plutora.com)  
 Email: [contact@plutora.com](mailto:contact@plutora.com)

Plutora is the market leader in Continuous Delivery Management (CDM) for Enterprise IT. The Plutora Platform combines the strength of its release, test environment, and test management solutions with the orchestration of automated and manual software release pipelines to provide a single view of releases and associated metrics, such as application quality. Plutora benefits organizations by providing predictability in the Continuous Delivery process, improving speed and frequency of releases, better aligning IT software development and operations with business strategy.