



WHITE PAPER

Conduit is an application lifecycle management solution for OUAF products that allows users to track requirements from stories to code through deployment into testing.

With Conduit, teams are streamlined around a common set of tools and end-to-end processes allowing for agile development of a unified product.

This web-based application replaces multiple manual procedures and allows users to take control of their software development.

Curious what **Conduit** could do for your enterprise?
Contact IntelliTect to find out:
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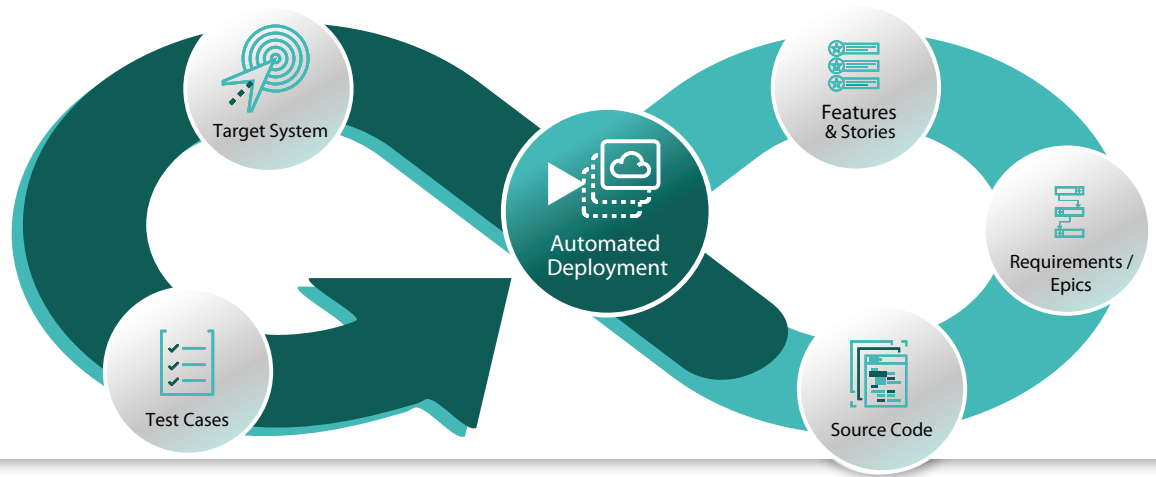
Challenge

While replacing a mainframe customer information system with Oracle CCB, IntelliTect employees identified several common gaps in the process. Every day, the team would receive files from the offshore development team with source and configuration changes accompanied by lengthy installation instructions. The process of managing and deploying these daily changes was tedious and error prone. As a result, deployments often were not always completed correctly due to human error. Additionally, any traceability from deployed functionality to requirements was essentially lost.

In several cases, timelines were delayed because systems were not in a state where they could be tested. The team continually returned to the same question. "Was the software broken or was it deployed wrong?"

Adding to the complexity of addressing software issues was the fact that many features were packaged together. This meant that if one feature in a package was broken, the entire package couldn't be deployed. Additionally, it made it very difficult to surgically fix bugs, and when corrected, the fixes needed to be deployed in a very specific order to function correctly.

Conduit was created to solve three issues: automate deployment in an efficient and error free-way, separate the source artifacts so that working software could always be deployed and provide 100 percent traceability from the artifacts to the original requirements.



Solution

Conduit streamlines enterprise application projects by deploying working software at the click of a button while providing 100 percent traceability for all your requirements.

When IntelliTect started their next project with Conduit, their deployments just worked.

- **No more questions about the original requirement of any item:** Conduit provides 100 percent traceability.
- **No more all-nighters following tedious checklists to deploy bundles of software through environments:** Deployments are automated and typically only take five to twenty minutes.
- **No more features and fixes left behind because they were bundled with software that had critical bugs:** Items are promoted in a controlled manner.
- **No more searching for artifacts:** Everything is stored in a logical, searchable location.
- **No more fear of losing track of code:** Source control is used for all artifacts and tracks not only the current version, but also has a complete history, even for deleted files.
- **Now items can be promoted collectively or individually:** You can always deploy your best product and easily support continuous integration.

DevOps is simplified with Conduit's tooling coupled with IntelliTect's customized processes. It's more than a product; it provides the knowledge needed to complete any OUAF project successfully.

Conduit is a system of best practices and flexible software used by developers to deploy software, quality assurance personnel to test software and product owners to confirm their requirements are being met.

// *Conduit was designed to streamline the change process. From tracking requirements and managing source code to automated deployments and tests, Conduit makes the process easy and transparent. Organizing your requirements from end to end and knowing exactly what is in each environment is now easy.* //

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IntelliTect provides architecture consulting, full life-cycle software development and training that enables their customers to solve the most challenging of problems. IntelliTect has expert principal and senior engineers specializing in the latest Microsoft technologies, including Cloud Computing, Big Data and AI, Microsoft .NET, Azure DevOps, Office365/SharePoint and Enterprise Application Integration.

Passionate Hard Work, Courageous Honesty, Innovative Excellence