

Product Brief

Atomic® Continuous Delivery Director Release with Confidence

Key Capabilities

- **End-to-end pipeline builder** – Build pipelines in minutes and track the progress of features and new releases across development, QA, and production, starting with user stories and all the way to production deployment.
- **Continuous testing with built-in intelligence** – Atomic Continuous Delivery Director integrates with your various automated testing tools; and it uses sophisticated predictive algorithms and machine learning to select the optimal test set to execute on each new code release. This revolutionary capability reduces testing cycle times, increases quality, and enables fail fast at the same time.
- **Continuous pipeline optimization** – Atomic Continuous Delivery Director continuously monitors the progress of releases through its managed pipelines, and it analyses this data and tracks planned vs. actual metrics for all pipelines and all steps. It offers proactive and autonomous remediation across systems, applications, and hybrid environments by analyzing diverse structured and unstructured data sources that can range from the cloud to the mainframe.
- **Release dependencies control** – Atomic Continuous Delivery Director is designed to deal with even the most complex releases to ensure that they do not fail. It allows users to set the order of activities (such as testing and deployment), which avoids conflicts and failures, automatically detects shared environment collisions, and ensures that releases run smooth and to completion.

At a Glance

Quality and speed are essential to ensuring that DevOps provides value to the business. DevOps, in turn, needs confidence to release quickly. Atomic® Continuous Delivery Director (CDD) drives quality and speed while increasing confidence and trust across LoBs, development, testing, and operations. CDD helps enterprise DevOps teams release higher-quality software at a greater velocity and reduced cost. It facilitates data-driven decision making, proactively identifies quality issues before rollout, and accelerates delivery of business value. Customers use Atomic Continuous Delivery Director to automate, monitor, and operate their software delivery pipelines from development to production, and they use its built-in intelligence layer to optimize these pipelines for speed and quality. Atomic Continuous Delivery Director's intelligent testing capability shortens test cycles, identifies gaps, and automatically runs the most efficient possible test plan for each release using machine learning power.

Business Challenges

By maintaining the status quo of software delivery, companies face real business risk—customer loss, revenue loss, and value loss. Customers want great performing apps that meet their needs and have no issues abandoning companies that disappoint. Delays in releasing apps reduce your maximum sales time, which impacts revenue. And too much manual work, unplanned work, rework, wait time, and technical debt undermines your team's ability to deliver continuous value, impacting your competitive edge.

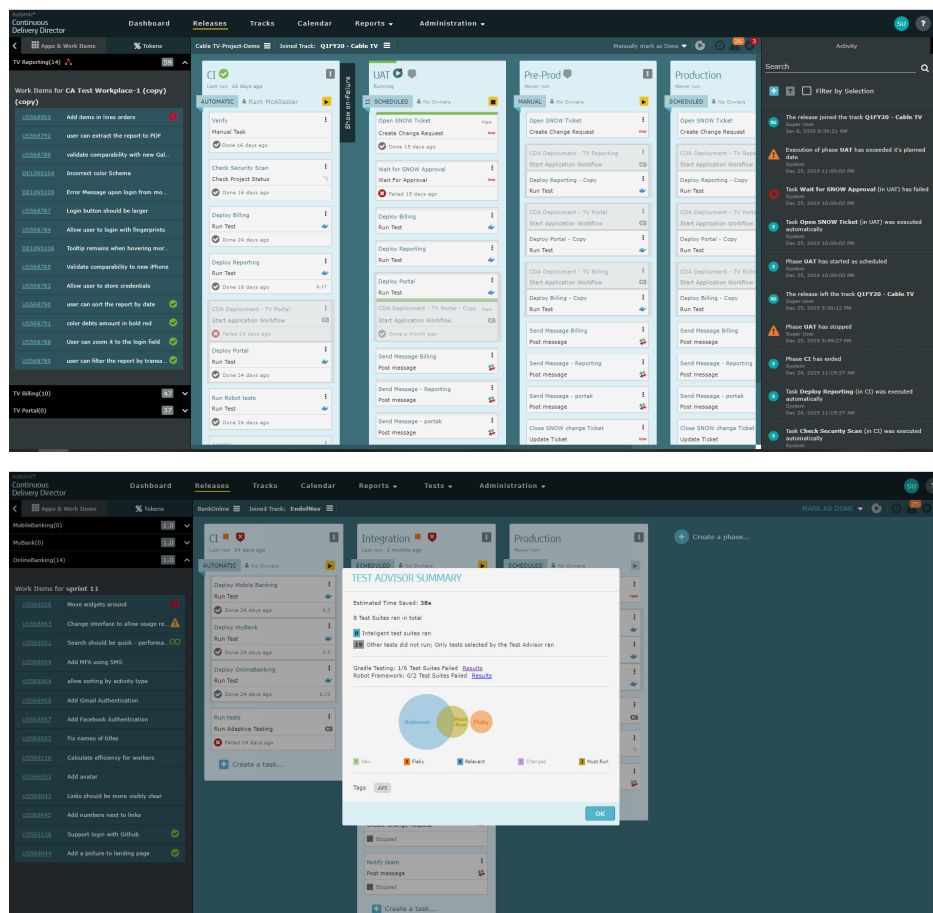
Continuous delivery leverages pipeline automation, machine learning, visibility, and measurement to help teams work together better to plan, develop, test, and release software that aligns to business requirements and customer expectations. As companies mature their continuous delivery practice, they can deliver a growing cadence and complexity of applications and ensure the optimal customer experience. Teams also become more productive, focusing on delivering differentiating features versus managing unplanned work and maintenance tasks.

Solution Overview

Atomic Continuous Delivery Director orchestrates releases utilizing open source, commercial, and homegrown solutions across the DevOps toolchain, including planning, CI, testing, and deployment tools. The solution coordinates the end-to-end pipeline, triggering actions and gathering data for reporting and analytics. These actions and analytics help teams to build a more efficient and productive continuous delivery pipeline, ultimately delivering more value to customers.

Critical Differentiators

- Continuous, dynamic pipeline** – Automatic Continuous Delivery Director streamlines release processes, reduces errors, and enables faster remediation of issues. Easily manage multiple, concurrent releases from end to end, while handling dependencies and conflicts, scheduling agile release trains, enforcing governance, and aligning teams.
- Release scoring** – Automatic Continuous Delivery Director dynamically scores each release before it is deployed to production based on the number of low-quality tests, test coverage percentage, number of unfinished work items in the release, and more so that you can release with the confidence of making knowledgeable no-go decisions and save your organization from harmful outages and quality degradation.
- Continuous intelligent testing** – Automatic Continuous Delivery Director integrates with your various automated testing tools; and it uses sophisticated predictive algorithms and machine learning to select the optimal test set to execute on each new code release. This revolutionary capability reduces testing cycle times, increases quality, and enables fail fast at the same time.
- Release dependencies control** – Automatic Continuous Delivery Director is designed to deal with even the most complex releases to ensure that they do not fail.
- Business-centric app view** – Get a real-time view of application content, such as features and fixes, in the pipeline through planning and ALM tool integrations, such as Rally® and Jira. You can monitor the who, what, where, and when of all apps, tracking progress against test SLAs, standard release criteria, and business priorities.



Availability

Automatic Continuous Delivery Director has two flexible offerings:

- SaaS** – SaaS provides the same enterprise strength as the on-premises version, but it is available through a tiered licensing approach, including a free starter tier.
- On-premises** – On-premises is available for customers who prefer to manage software in-house. For more information, contact the sales department at CA.

For more product information, visit cddirector.io.

Related Products

Automatic Continuous Delivery Automation – Accelerate application deployment, ensure quality releases, and minimize downtime.

Automatic Automation – Drive growth of your company and accelerate your digital transformation.