Rocket® ALM Hub

Enterprise Application Lifecycle Management

Easily pass compliance audits

Synchronize and automate deployments across all your platforms

Make release and task status easily visible through custom management dashboards

Automate code promotions and builds

Automate task assignment and approval notifications
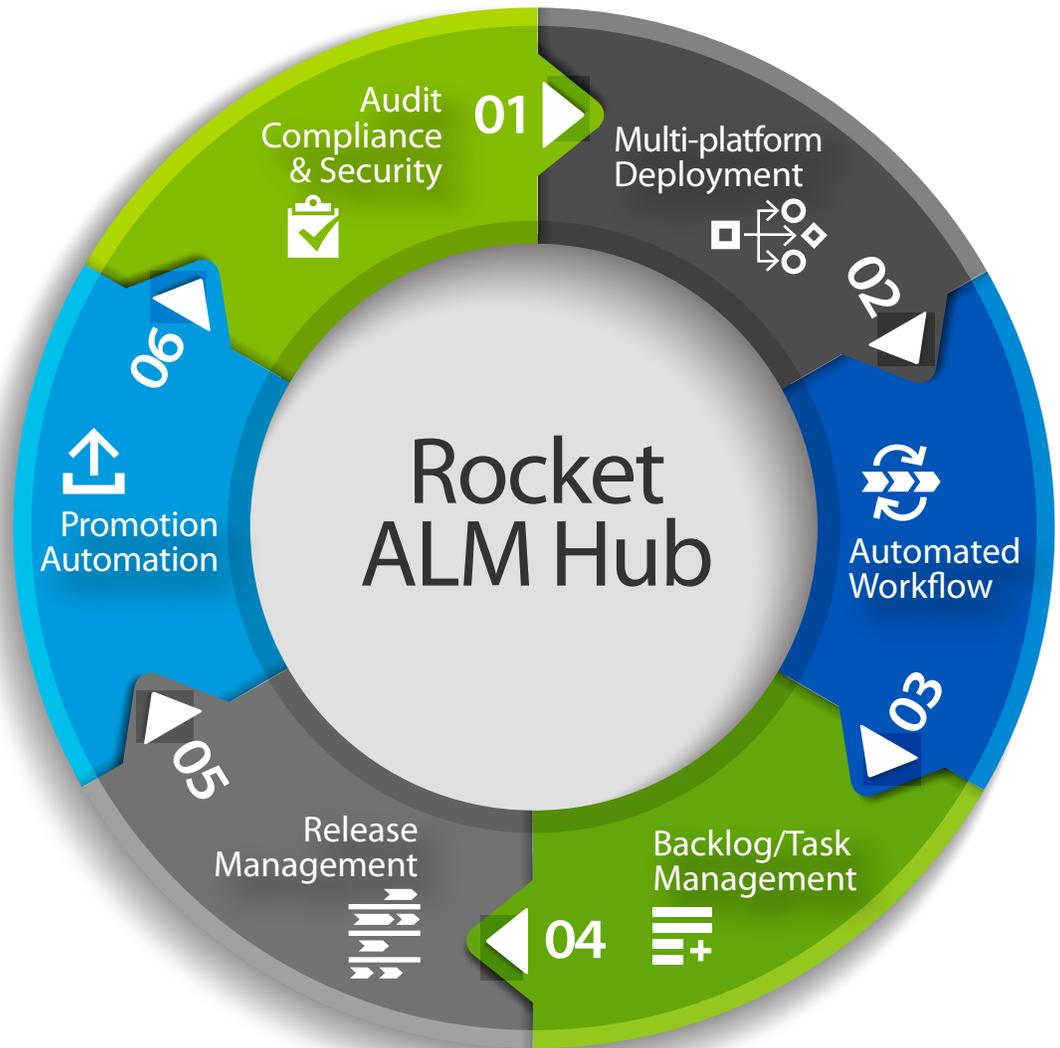
Improve software quality

Secure software assets

Work from preferred development tools and IDEs

Manage software deployments anywhere, anytime from mobile devices

Deliver releases on-time and on-budget

Deploy to Windows, Solaris, AIX, Linux, IBM i, U2, and more

Rocket ALM Hub

01 Audit Compliance & Security

02 Multi-platform Deployment

03 Automated Workflow

04 Backlog/Task Management

05 Release Management
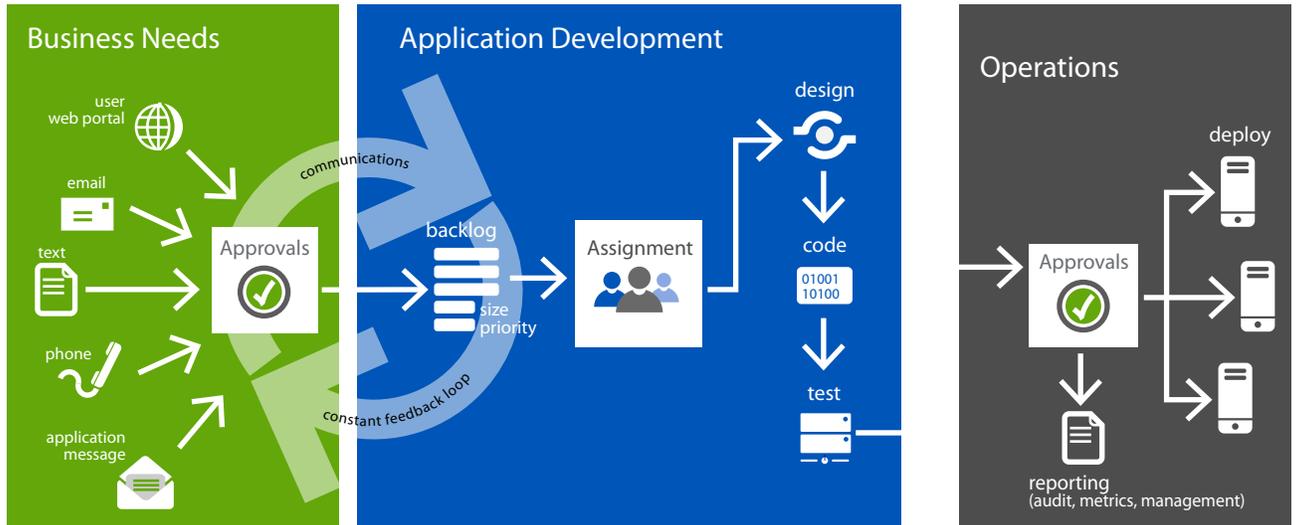
06 Promotion Automation

The Rocket ALM Hub for Total DevOps Automation

The Rocket® ALM Hub is a comprehensive DevOps solution that provides advanced application lifecycle management and automation for all of your software application development and deployments.

From creating requests, to gathering approvals, to assigning tasks, to promoting code changes, to deploying those changes across your enterprise servers and tracking every activity, the Rocket ALM Hub is your central manager for all your application DevOps requirements. The Rocket ALM Hub automates and streamlines the entire software development and release process, providing the visibility and control required in an enterprise environment—increasing developer productivity, improving code quality, and helping you easily meet regulatory and best practices requirements.

◤Rocket®

End-to-End DevOps Automation with Rocket ALM Hub

Business Needs
- user web portal
- email
- text
- phone
- application message

Approvals ✓

communications

constant feedback loop

Application Development
- backlog
  - size
  - priority
- Assignment
- design
- code
  - 01001 10100
- test

Operations

Approvals ✓

deploy

reporting
(audit, metrics, management)

Automate and track everything that happens from the time a request arrives until the time the solution is delivered and verified

With Rocket® Aldon Lifecycle Manager (LM), you can accelerate and automatically track all your software development and maintenance workflows from design to production. Our solution keeps you in control while increasing your developers' productivity so that you can deploy IT projects on time and on budget. Its comprehensive activity tracking and performance reporting provide management with the input and feedback needed to optimize IT's responsiveness.

From the moment a change is requested or an enhancement is filed, you are in total control of your application development lifecycle and software change management process. What's more, our software gives you a way to easily keep compliant, from user request through release to production, so passing an IT audit is never a problem.

Simplify & Automate Compliance

Compliance rules, approval requirements and activity logging standards can be built right into the automated workflow. That way, the Rocket ALM Hub enables managers to quickly and consistently respond to internal regulations and legislated standards in parallel with the software development

process, making audits easy and painless. Management can define processes to the ALM Hub that will ensure all changes automatically pass through defined phases, that appropriate approvals are gathered and that company policies and government regulations are enforced. The ALM Hub reduces the administrative burden on developers by automating compliance operations so that developers are not delayed or distracted by mundane tasks. The ALM Hub will generate a wide variety of activity reports and process documentation that makes it easy for auditors to review your environment.

Secure Your Software Assets

The ALM Hub builds and maintains an inventory of all your software assets across all of your platforms, identifying the current location and status of every component (programs, files, documents, etc.) It then controls access to those components based on your enterprise requirements. Only authorized users can make changes to software components and changes must pass through your defined approval, review and testing processes before reaching production.security. Aldon LM provides the control and management essential for successful distributed development.

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Synchronize Deployments Across All Platforms

Today's enterprise applications can have components running on a variety of platforms. Your application might include traditional IBM Cobol and RPG components, Windows client components, Web services and Web applications, Unix or Linux parts and database files. Often changes cross these environments and it is critical that all the right pieces get to the right places at the right time. With the ALM Hub, you simply select a change package (application, release, task or component), and the ALM Hub will automatically send and install all the components across all your platforms. Should you need to, you can also easily back out a deployment.
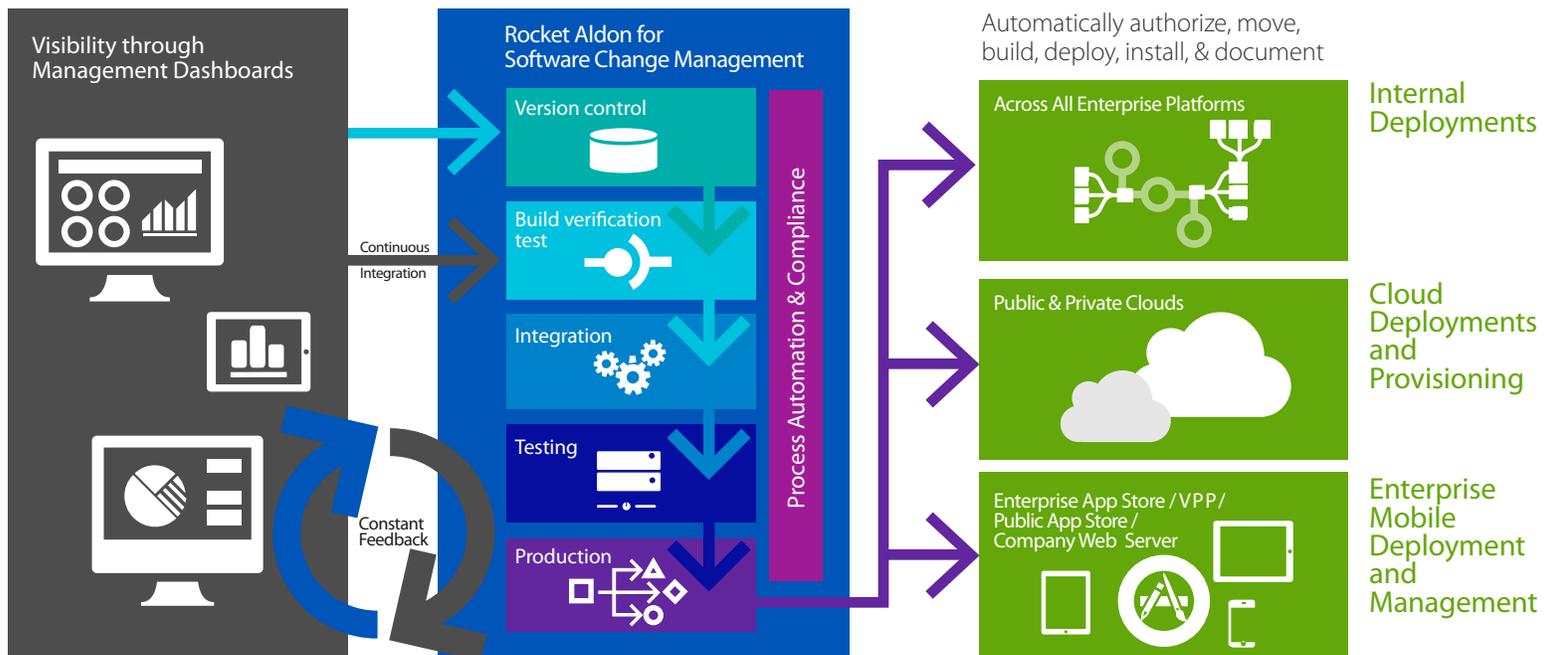
Automate Your Workflows

Stop worrying about things falling through the cracks. With the ALM Hub, tasks are automatically assigned based on your defined workflows. People are notified regarding their to-dos and reminded when tasks are overdue. Using the ALM Hub notification rules, you can ensure that only necessary notifications are sent out so people are not overwhelmed with texts and emails. At each step of your process, you can have the ALM Hub run programs or scripts to provide further automation.

Manage Your Backlog of Features and Fixes

Using the ALM Hub backlog management tools, you can easily review and prioritize your backlog of work. The ALM Hub's powerful reporting tools allow you to view your backlog items using any criteria you choose. With the ALM Hub, shuffling priorities and scheduling releases in response to changing business requirements is simple. You can also look at historical performance to assist in sizing backlog items and building release plans. Business uses can use the ALM Hub's charting and reporting tools to easily view the current status of their change requests and to make updates when necessary. The ALM Hub backlog tools can support you whether you are using Agile or Waterfall methodologies..

Visibility through Management Dashboards

Continuous Integration

Constant Feedback

Rocket Aldon for Software Change Management

Version control

Build verification test

Integration

Testing

Production

Process Automation & Compliance

Automatically authorize, move, build, deploy, install, & document

Across All Enterprise Platforms

Internal Deployments

Public & Private Clouds

Cloud Deployments and Provisioning

Enterprise App Store / VPP / Public App Store / Company Web Server

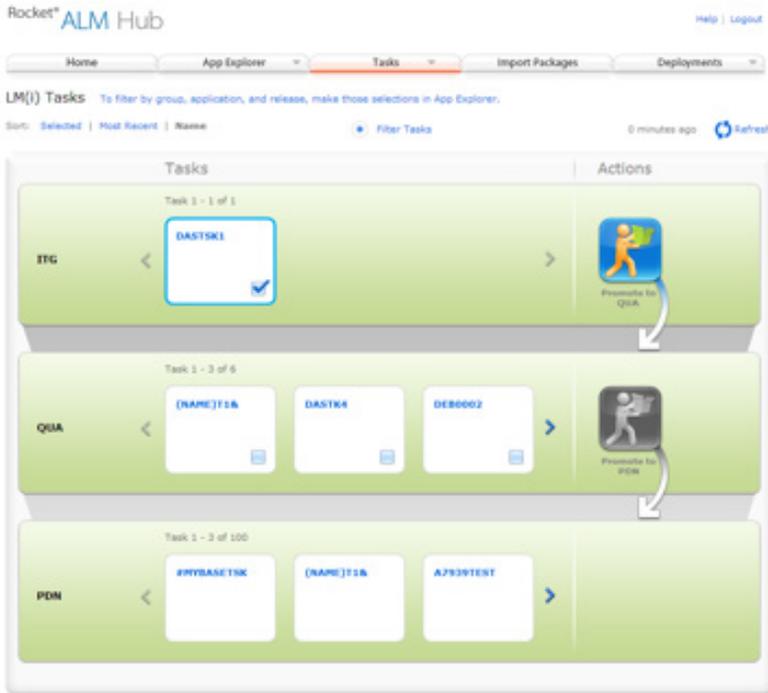**Enterprise Mobile Deployment and Management**

Successfully Manage Software Releases

With the ALM Hub you can set up and automate all of the tasks necessary to ensure a successful release. In addition to deploying the changes, you can ensure that the documentation is up to date and that the users have been trained on new functions. The ALM Hub will ensure you know the list of required components for a release and their versions as well as where each component must go. Users can view the contents of each release and when it is expected to be delivered.

Automate Promotion Processes & Increases Quality Levels

The ALM Hub automates the entire promotion process as changes move from development through testing and on to production. Simply dentify what needs to be promoted and the ALM Hub takes care of the rest. If you are in a continuous integration environment, as soon as the developer commits a change, the ALM Hub will extract the appropriate source code, run the build, import the build results and deploy the build results to the necessary target environments for test or production. It can even initiate your test automation scripts. The automatic promotion and deployment process eliminates the manual movement of programs and ensures changes are synchronized across platforms and operating environments. The ALM Hub also creates archived copies so backouts are simple. The promotion process can be controlled via role-based or individual security, ensuring that code can't be promoted without the proper authorization. By setting up structured, repeatable, measurable processes for promoting changes, you can substantially reduce errors and significantly increase quality.

With the Rocket ALM Hub, you can manage change promotion and deployments anywhere and anytime via your mobile device. Simply tap on the task you want to promote and then tap on the promote button. The ALM Hub will take care of the rest.

Support for Your Preferred Working Environment

The ALM Hub allows you to perform tasks from your preferred working environment. Developers can work from IDEs like Eclipse-based tools or Visual Studio while operations people can work from Web browsers and mobile devices. Managers can work from dashboard screens that allow them to view progress and status at a glance.

How the Rocket ALM Hub Works

After all applications, code, files, and projects are identified to the ALM Hub's central repository, it tracks the location and status at all times. For software development, when you check an object out, it can be tracked throughout its entire lifecycle. With the associated assigned permissions, you can promote application components throughout the development lifecycle (i.e. development, testing, production, etc.) and the ALM Hub will track it.

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