



DATASHEET

# Rocket® Aldon Lifecycle Manager (IBM i Edition)

Maximize Efficiency with Automated End-to-End ALM and DevOps

- Streamline the entire development process, boosting productivity and efficiency
- Simplify the preparation process for documenting compliance
- Reduce the complexity of the deployment process
- Ensure that your DevOps workflow processes are enforced
- Increase software quality levels

Rocket® Application Lifecycle Management (ALM) and DevOps solutions simplify and automate every aspect of the software development and delivery process. From gathering, routing, and prioritizing change requests to the deployment and promotion of application releases and updates, Rocket Aldon Lifecycle Manager for (IBM i Edition) helps reduce errors and improve productivity, facilitates collaboration, and simplifies audit compliance with regulatory and best-practice standards. With Rocket Aldon Lifecycle Manager for the IBM i platform (LMI), your change management and deployment processes become predictable, scalable, and repeatable.



[www.rocketsoftware.com](http://www.rocketsoftware.com)



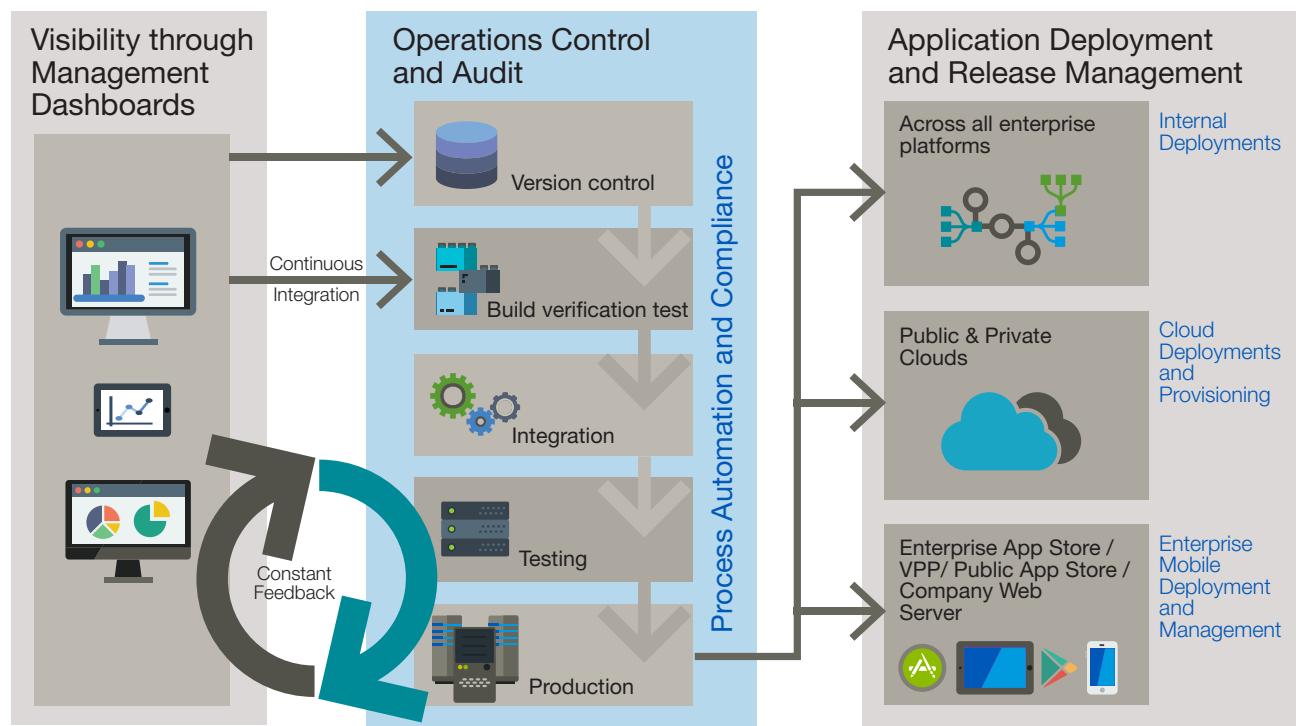
## ► Streamline your entire development process, boosting productivity and efficiency

Rocket Aldon LMi streamlines your entire development workflow and establishes repeatable, automated change management and compliance processes. It helps you improve productivity and efficiency by automating and managing everything that happens in the software development lifecycle from the time a change request is received until the time the solution is delivered into production.

## ► Simplify audit preparation and simplify compliance documentation

With Aldon LMi, IT teams can quickly and consistently adhere to internal audit and regulatory compliance standards in parallel with the software development process. They can configure system-enforced process flows to ensure that components automatically pass through the defined phases, and that company policies and government regulations are enforced.

Highly granular configurations for user permissions and development environments support segregation of duties throughout the software development lifecycle. Aldon LMi reduces the administrative burden on developers by logging all actions and automating compliance requirements. This lets IT staff focus on what they do best: developing quality applications to solve customer problems.



**Figure 1:** Rocket Application Lifecycle Management solutions help IT teams manage and automate everything that happens from the time the need for a software change arises to the time a solution is delivered and verified.

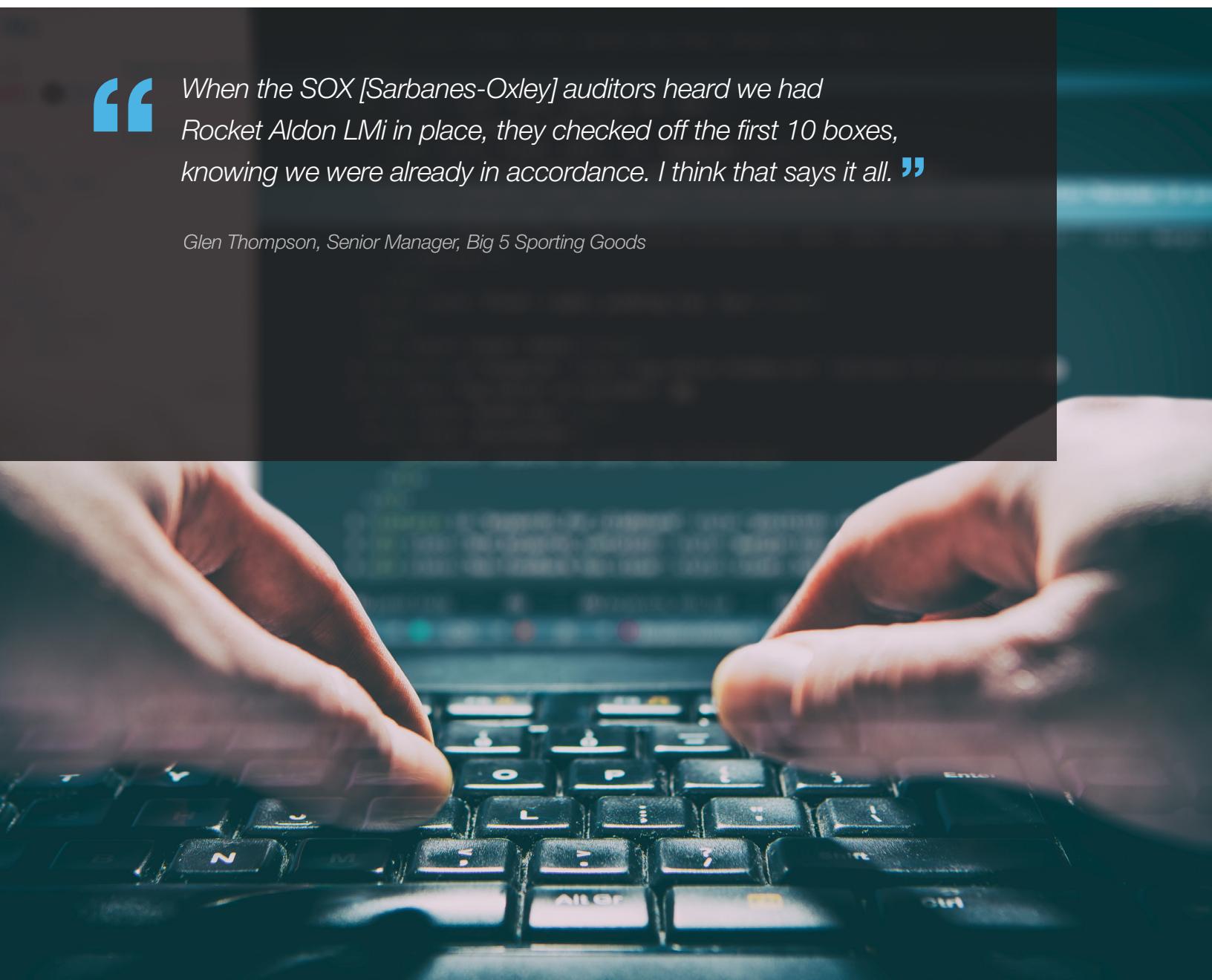


## ► Reduce the complexity of your deployment processes

Deployment of applications and files is usually a manual—and error-prone—process. Rocket Aldon LMi works with the Rocket® Aldon Deployment Manager (licensed separately; see page 4 for description) at each stage of the lifecycle to gather, package, distribute, and install application components. The management console lets users carefully track and govern distributed packages.

**“**When the SOX [Sarbanes-Oxley] auditors heard we had Rocket Aldon LMi in place, they checked off the first 10 boxes, knowing we were already in accordance. I think that says it all. **”**

Glen Thompson, Senior Manager, Big 5 Sporting Goods



The “Work with Objects by Release” panel displays a list of objects associated with an application release, in a format familiar to developers. The list shows all objects from all libraries included in the application, eliminating the need to go to each library and source file individually. Comprehensive status information is shown for each object on a single line.

```
CWRKOBJREL                                         Work with Objects by Release
Position to . . . . . *TOP, *BOT, starting characters
Type options, press Enter.                         (=Combined job)
 2>Edit   3=Check out*  4=Delete    5=Browse source  7=Promote*  30=Display log ...
 13=Request checkout* 14=Create*   17=Request promote* More: +
Opt Object      Type     Attribute  D Release Envs Rl T Cnds   E Chkout Dvp.
ABNDDIR        *BNDDIR   PF          LMD/BAS  P
ACTGLP         *FILE     PF          K LMD/BAS P
ACTSTAT        *FILE     PF          K LMD/BAS P
ARMESSAGE      *MSGF    LMD/BAS  P
ARS277         *PGM     RPG         LMD/BAS I P
ARS280         *PGM     RPGLE       LMD/BAS I P
ARS301         *PGM     RPG         LMD/BAS P
ARS333         *PGM     RPG         LMD/BAS P
ARS333CL       *PGM     CLP        LMD/BAS QP
ARS333DS       *FILE    DSPF       LMD/BAS P
ARS334CBL       *PGM     CBL        LMD/BAS P
Subset: Rel:ALDON/LMIDEMO/BASE
Command ==> F3=Exit  F4=Prompt  F5=Refresh  F6=Add object  F10=View 3  F11=View 2
F13=Repeat  F19=Work with tasks  F23=More options  F24=More keys
```

Figure 2

The Web Portal provides real-time deployment monitoring, backout functionality, and the ability to view reports on target systems. It also lets project managers and other non-technical users hold roles independent of your development team, enforcing separation of duties.

The screenshot shows the Rocket Lifecycle Manager web portal interface. At the top, there's a navigation bar with links for FAVORITES, APP EXPLORER, TASKS, IMPORT PACKAGES, and DEPLOYMENTS. Below the navigation, a header bar includes a 'Show Status Legend' button and a timestamp 'Last Update 0:05 / 0:10'. The main content area is titled 'Deployment Set Details' and shows a table of deployment sets. One row is expanded to show 'COMPLETED' status with a note: 'The install has completed successfully.' The table columns include Computer, Target, Send, Receive, Install, and Actions. At the bottom of the page, there are links for Help, Logout, and a copyright notice: '© 2011-2018 Rocket Software, Inc. All rights reserved. Rocket and the Rocket Software logo are registered trademarks of Rocket Software, Inc. Other product and service names might be trademarks of Rocket Software or of other companies.'

Figure 3: The Web Portal lets authorized users perform key ALM and DevOps tasks in a user-friendly environment

It's easy to show exactly who has authority to perform specific operations, simplifying preparation time for documenting compliance.

The screenshot shows the 'LM(i) Permissions by User' interface. At the top, there's a report parameters section with the query 'User or Class/Scope: \*ALL/\*ALL'. The main area is a large grid where rows represent 'Authority Types: User or Class & Definition Level' and columns represent 'Authority Source: User or Class & Definition Level'. The grid contains numerous checkboxes indicating permission levels for specific operations like 'Delete', 'Read/Write', 'Update', etc., across various user and class definitions.

Figure 4

## ► Tech Specs

### IBM i OPERATING SYSTEM

- IBM i V5R4, 6.1, 7.1, 7.2, 7.3
- Installation of Option 30, QShe

### MODULES

Rocket Aldon Lifecycle Manager (IBM i Edition) belongs to our Rocket family of ALM and DevOps solutions. In addition to helping protect and extend your IBM i investment, the Rocket family also includes solutions for other common enterprise platforms, including:

- **Rocket® Aldon Lifecycle Manager (Enterprise Edition)**  
Bring enterprise Application Lifecycle Management and DevOps automation to multiplatform development environments, including Windows, Linux, and UNIX.
- **Rocket® Aldon Lifecycle Manager (MV Edition)**  
Bring enterprise Application Lifecycle Management and DevOps automation and comprehensive support to Rocket D3, UniVerse, and UniData MultiValue database users.
- **Rocket® Aldon Lifecycle Manager for Mobile**  
Bring enterprise and server Application Lifecycle Management and DevOps automation to mobile development, keeping your mobile code deployment and server and enterprise development in sync.
- **Rocket® Aldon Community Manager**  
Unify your service desk with change management and requirements management using this IT workflow automation solution.
- **Rocket® Aldon Deployment**  
Automatically package and distribute application components or content files to designated targets.
- **Rocket® Aldon Lifecycle Manager Web Portal**  
Provide the convenience of anytime, anywhere access from mobile devices, letting users monitor and manage change management tasks, including promotions and deployments from mobile devices.
- **Rocket® Aldon Report Manager**  
Simplify audit preparation with predefined web-based reports using this automated reporting solution or content files to designated targets.



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