

Application Lifecycle Management

Agenda...



ALM Definition



CYBAGE VISION



ALM Services



Tools Integration



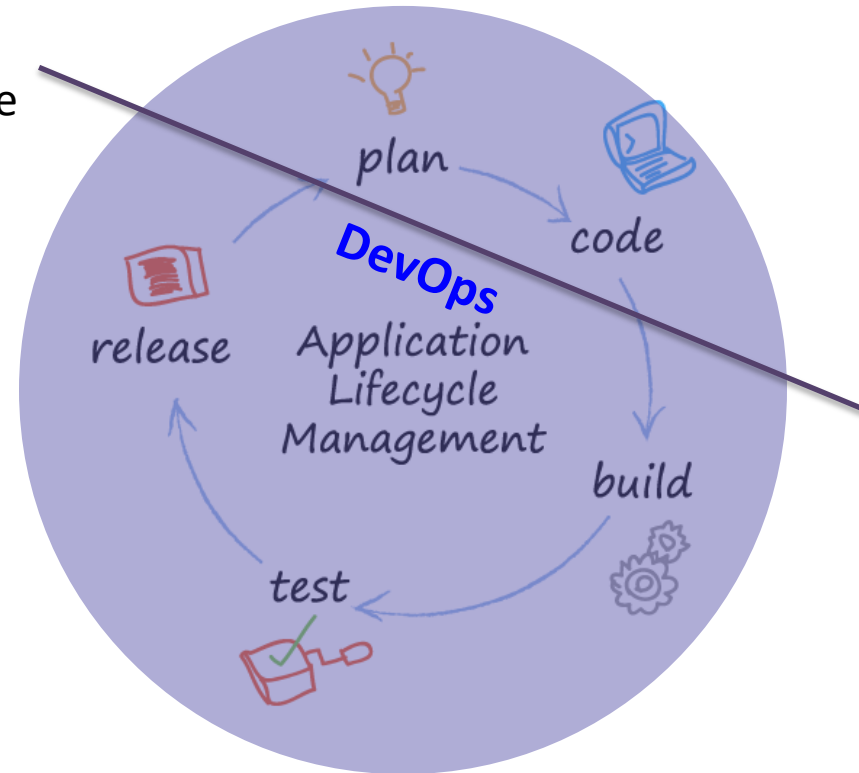
ALM Benefits



ALM@Cybage

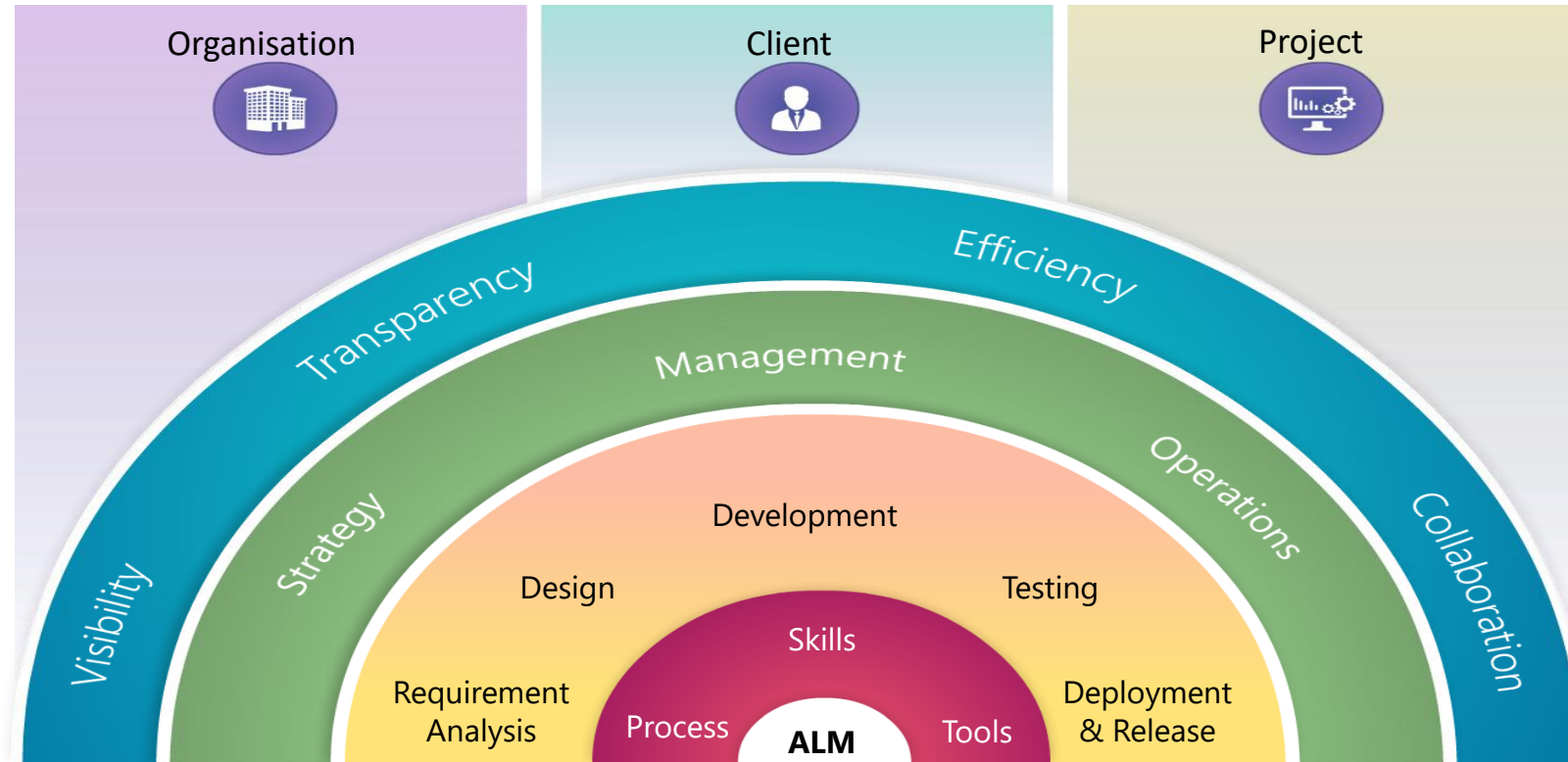
ALM Definition

- Continuous process of managing an application
- Through governance, development, and maintenance
- Reduce time between committing a change
- Provisioning of environments
- Ensuring high quality



Cybage ALM Vision

- ALM objectives
- Governing
- During phases
- By strategizing
- Beneficial to stakeholders



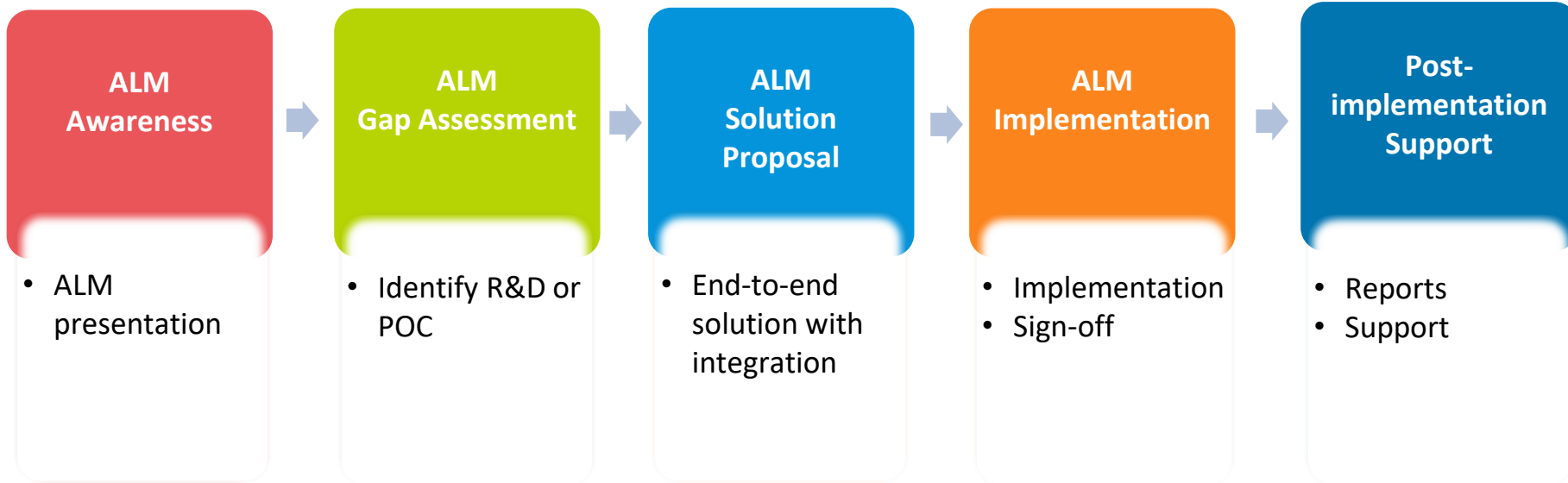
ALM Services

ASSESSMENT	IMPLEMENTATION	TRAINING	CONSULTANCY
ALM Audits	Continuous Integration	Atlassian Tools	Designing DevOps roadmap, framework and strategy
GAP Assessment	Continuous Delivery / Deployment	Microsoft TFS and VSTS	Defining unified DevOps
ALM Tool's Practices	On-premise and Cloud-based solutions	DevOps Practices & Tools	Tools and process blueprint across the organization
	Infrastructure as Code		
	Continuous Monitoring		
	Virtualization and containerization		

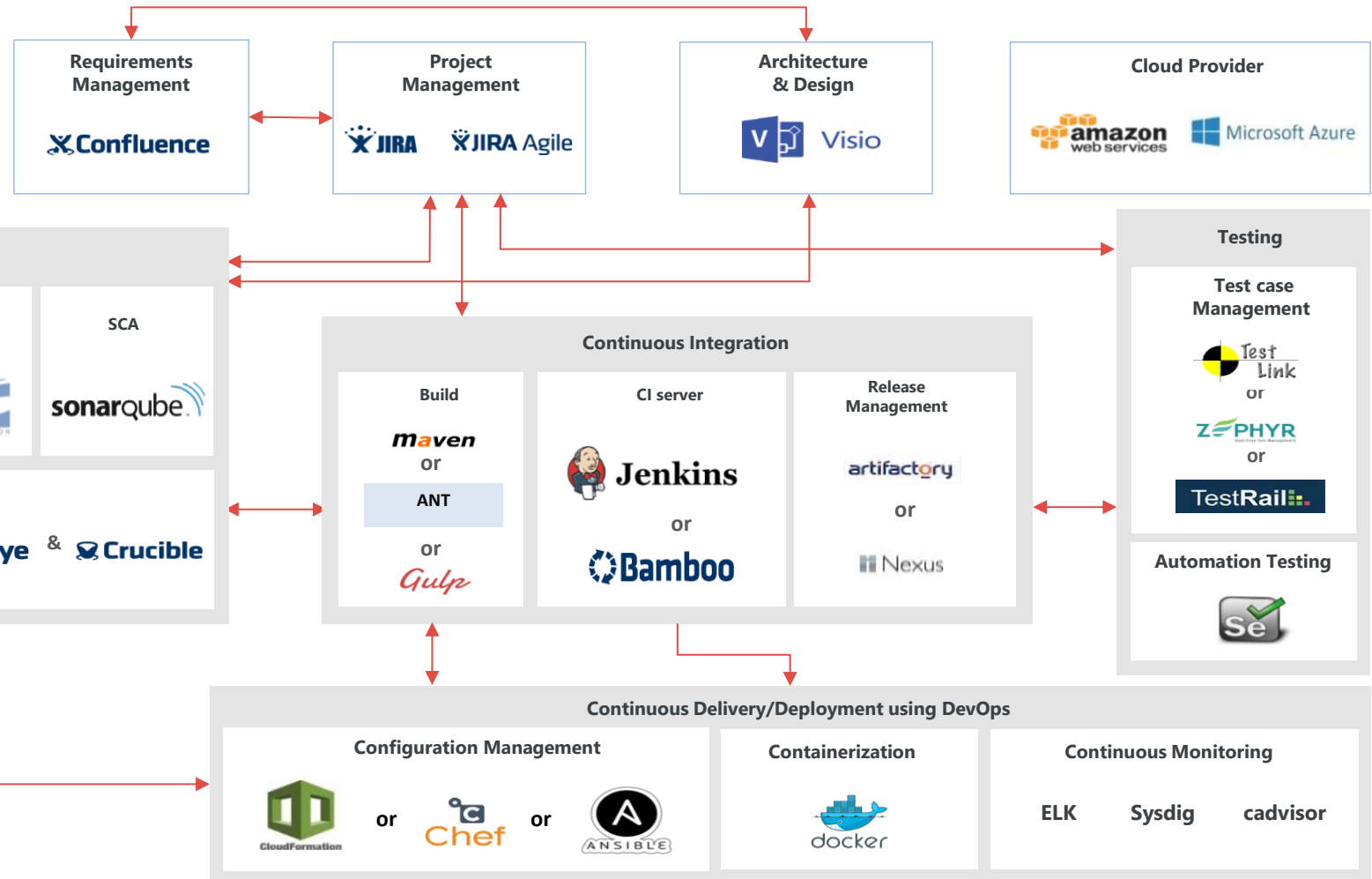
ALM implementation stages

Ownership: The ALM team

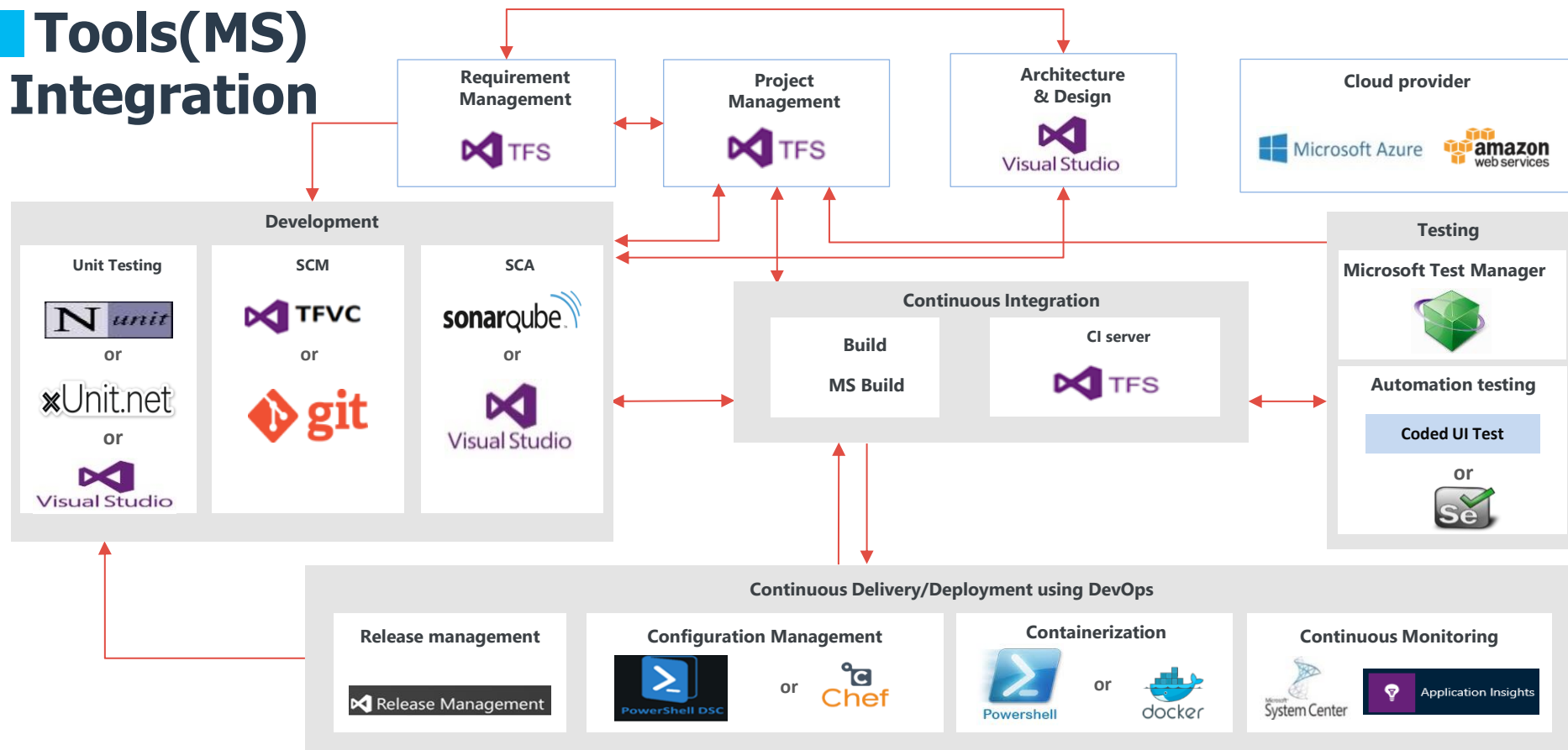
Handing over



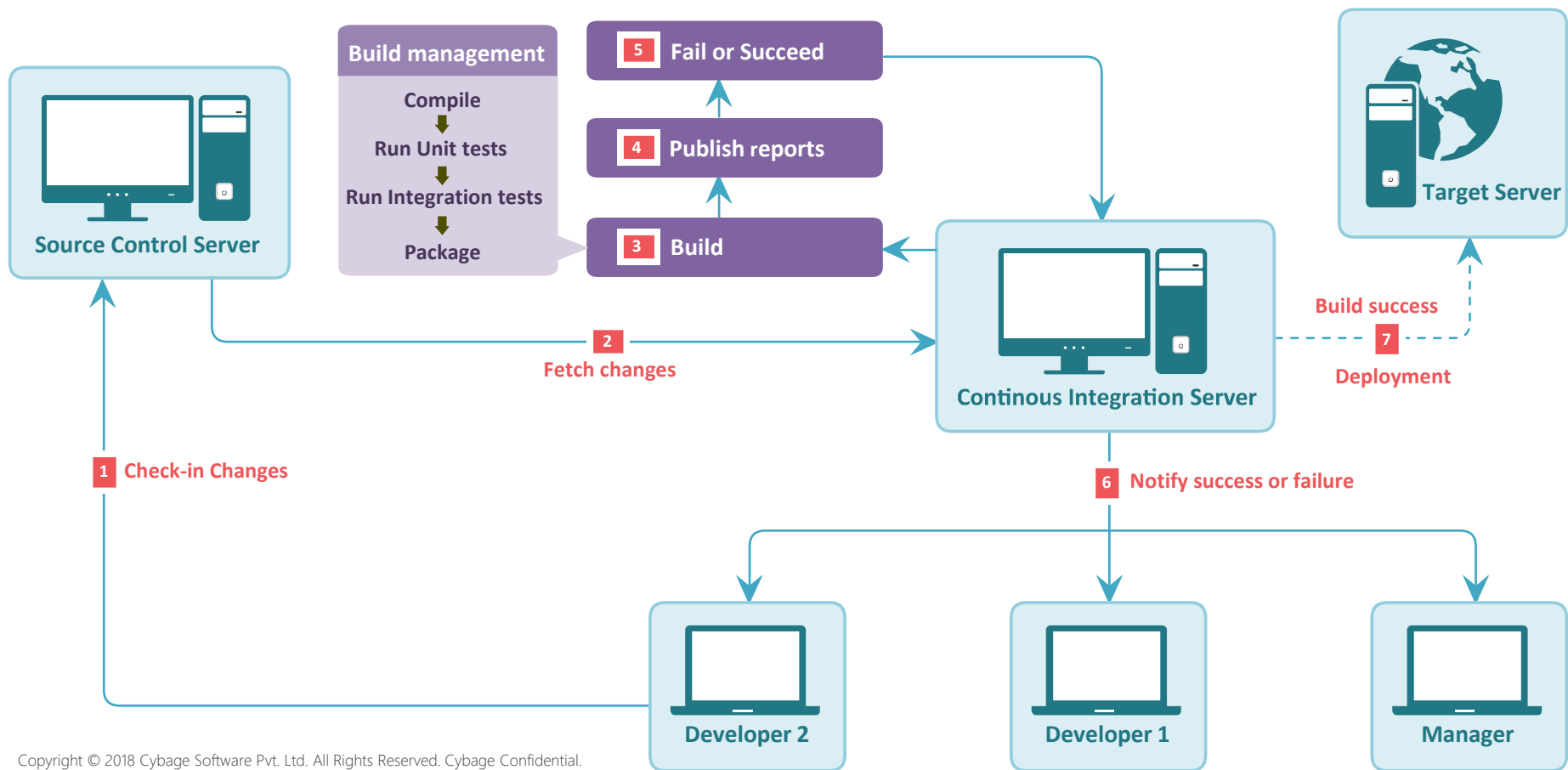
Tools(LT) Integration



Tools(MS) Integration

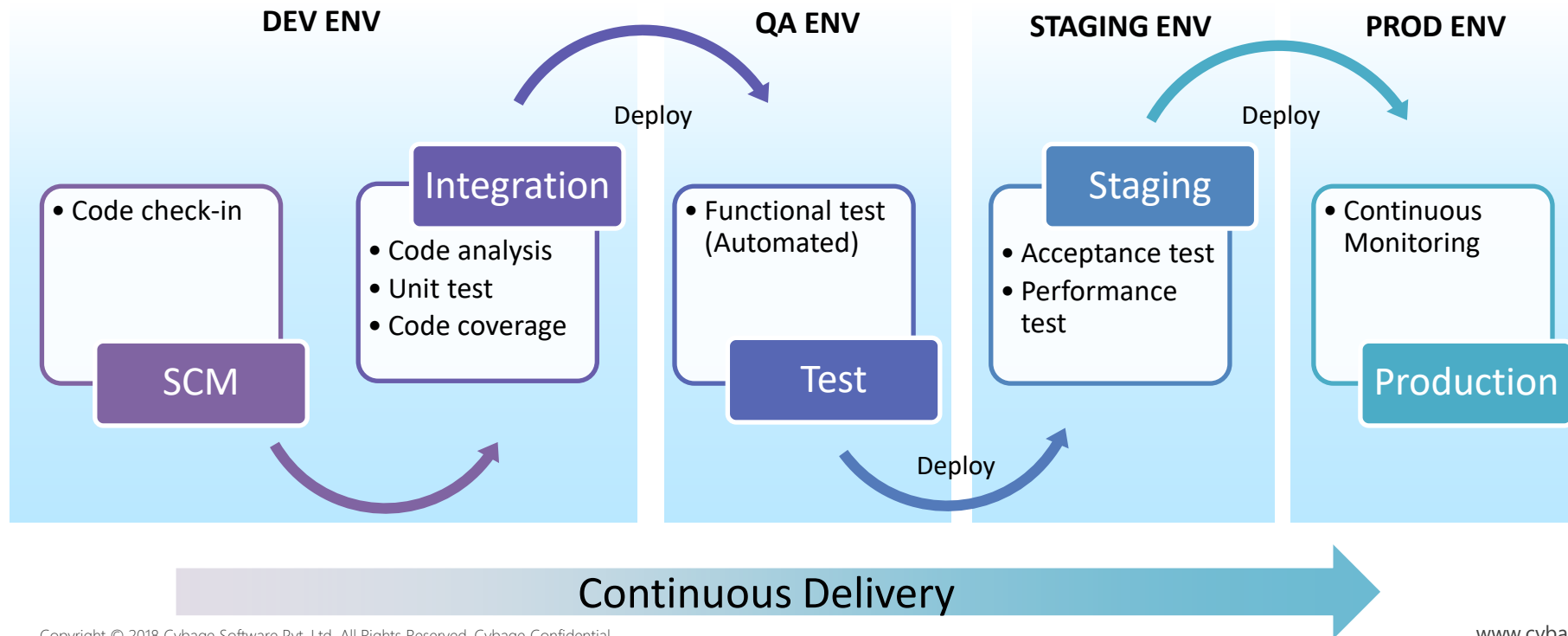


Continuous Integration



Continuous Delivery

- Release to production at any time!
- Delivering incremental changes to users.
- Reduce cost, time, and risk.



Case Study: Continuous Integration

Project overview

Implement ALM best practices for client

DevOps Tools

- Atlassian Confluence, JIRA & Zephyr
- Git, GitHub, Jenkins, Maven & SonarQube

Pain Area	Primary Business Challenges
Project management	• JIRA and Confluence integration missing
Repository management	• GIT Branching strategy missing
Static code Analysis	• Quality gate not configured

Case Study: Continuous Integration

Pain Area	Primary Business Challenges
CI & build projects	<ul style="list-style-type: none">• Jenkins was not integrated with JIRA.• Master slave architecture was missing

Solution
<ul style="list-style-type: none">• Incorporated end-to-end traceability.• Setup GitHub/Jenkins, JIRA/Jenkins Integration.• SonarQube Integration with other tools.• Client side hooks on developers end.

Benefits of ALM

Efficiency

- Quality
- Productivity
- Speed



Benefits of ALM

Collaboration

- Effective communication
- Distinct role and responsibility
- Reduced dependency



Benefits of ALM

Transparency

- Dashboard and reports
- Auditability
- Team maturity



Benefits of ALM

Visibility

- Traceability
- Predictability
- Analytics



Cybage ALM - DevOps Facts

ALM/DevOps

5+
Year's
expertise

128
Implementations
completed

48
Implementations
in-progress

Partnerships



Clients

US **AUTOPARTS**

FARELOGIX

HOSTWORKS

FREQUENCE

AMPUSH

ancestry.com

CLEARSTREAM

Cybage Centralized Server

List of configured tools	
Atlassian tools	JIRA / JIRA Agile/ Confluence BitBucket/ Bamboo / Fisheye & Crucible/Crowd Zephyr for JIRA/ Zapi for JIRA/
Other Licensed tools	SonarQube / Jenkins/ Misc
Microsoft TFS	100+ projects on Centralized server

Secured layer(Uniken) to provide access to customer.

Best Practice Documents

Management Information System

8110 | CybageMIS

My Personals
Administration
Engg (Process & Proj Mgmt)
▶ Review Log Tracking
▶ CybMeet
▶ Task Management System
▼ ALM
Content For ALM OpenSource >
Content For ALM Microsoft >
Finance
Human Resources
Information Systems
Training Management System
Reports
Report A Bug
MIS Learning Center

Application LifeCycle Mgmt

Cybage ALM Vision:

- ALM objectives
- Governing
- During phases
- By strategising
- Beneficial to stakeholders

The diagram illustrates the Cybage ALM Vision as a series of concentric arcs. The outermost arc represents the 'Organisation', 'Client', and 'Project' stakeholders. The middle arc represents the 'Strategy', 'Management', and 'Operations' phases. The innermost arc represents the 'Design', 'Development', 'Testing', and 'Deployment & Release' stages. The core of the diagram is labeled 'ALM' and includes 'Skills', 'Process', and 'Tools'.

Benefits of ALM:

- Efficiency
 - Quality
 - Productivity
 - Speed
- Transparency
 - Team maturity
 - Auditability
 - Dashboard and reports
- Collaboration
 - Effective communication
 - Distinct role and responsibility
 - Reduced dependency
- Traceability
 - Predictability
 - Analytics
- Visibility
 - Traceability
 - Predictability
 - Analytics

The background of the slide is a low-angle photograph of a modern, multi-story office building with a grid-like facade of windows. The word "CYBAGE" is mounted on the upper part of the building. A tall, dark evergreen tree is visible in the lower-left foreground.

CYBAGE

A white rectangular box with a blue horizontal bar on its left side, containing the text "Thank You!".

Thank You!