Organization, Methods, and Quality
EZ SYSTEMS ENGINEERING
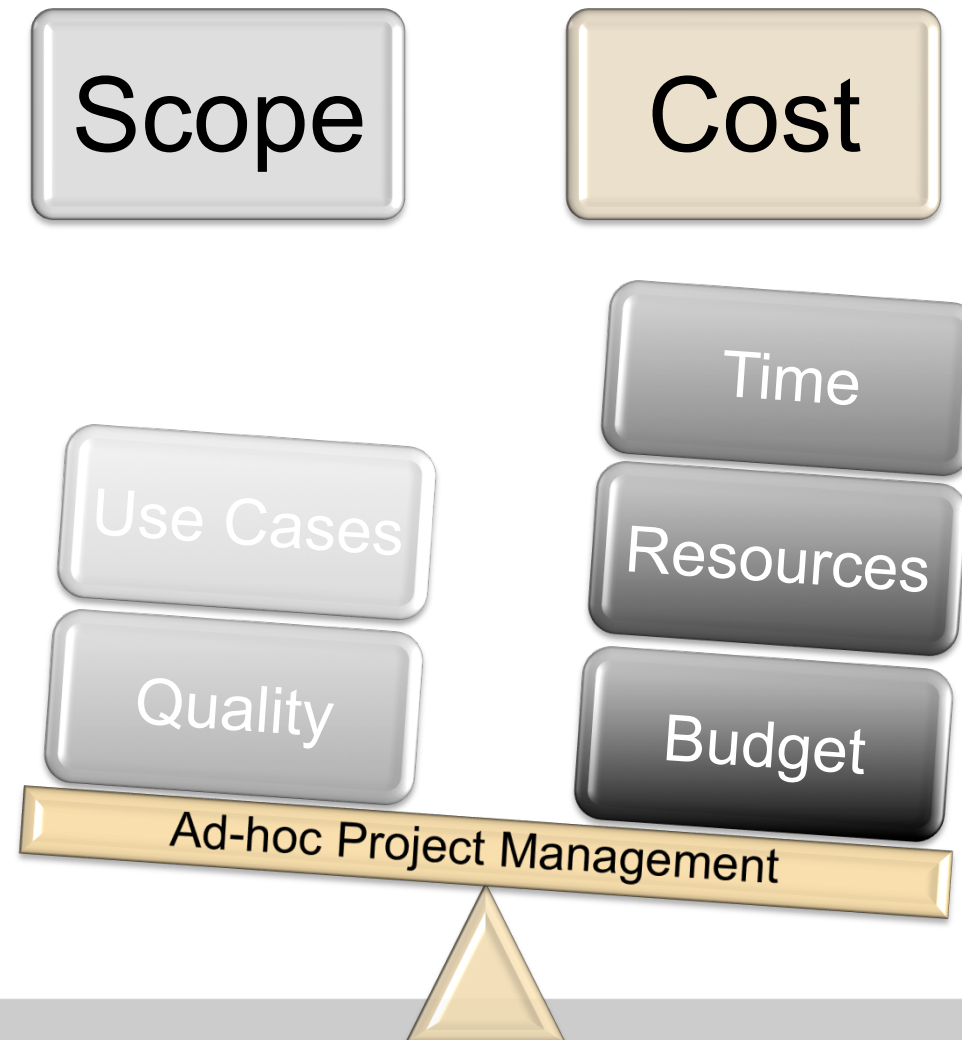
Key Disciplines

Roadmap Management

Independent QA Method

Real-time Visibility over the Development Cycles

Heartbeat Agile Development Method

The "Heartbeat" Method

Roadmap Management

Independent QA Method

Real-time Visibility over the Development Cycles

Heartbeat Agile Development Method

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THE CONTENT MANAGEMENT ECOSYSTEM
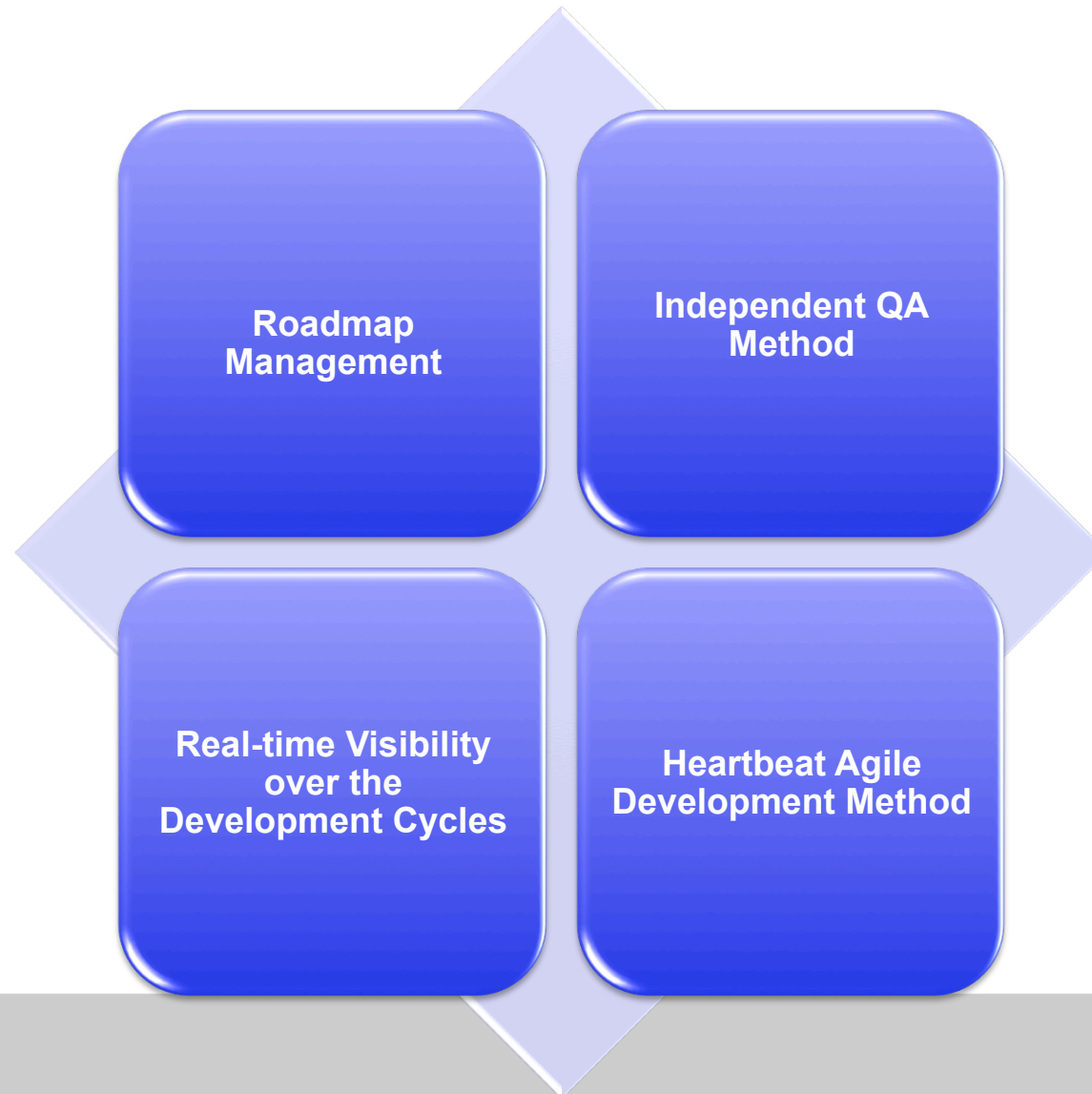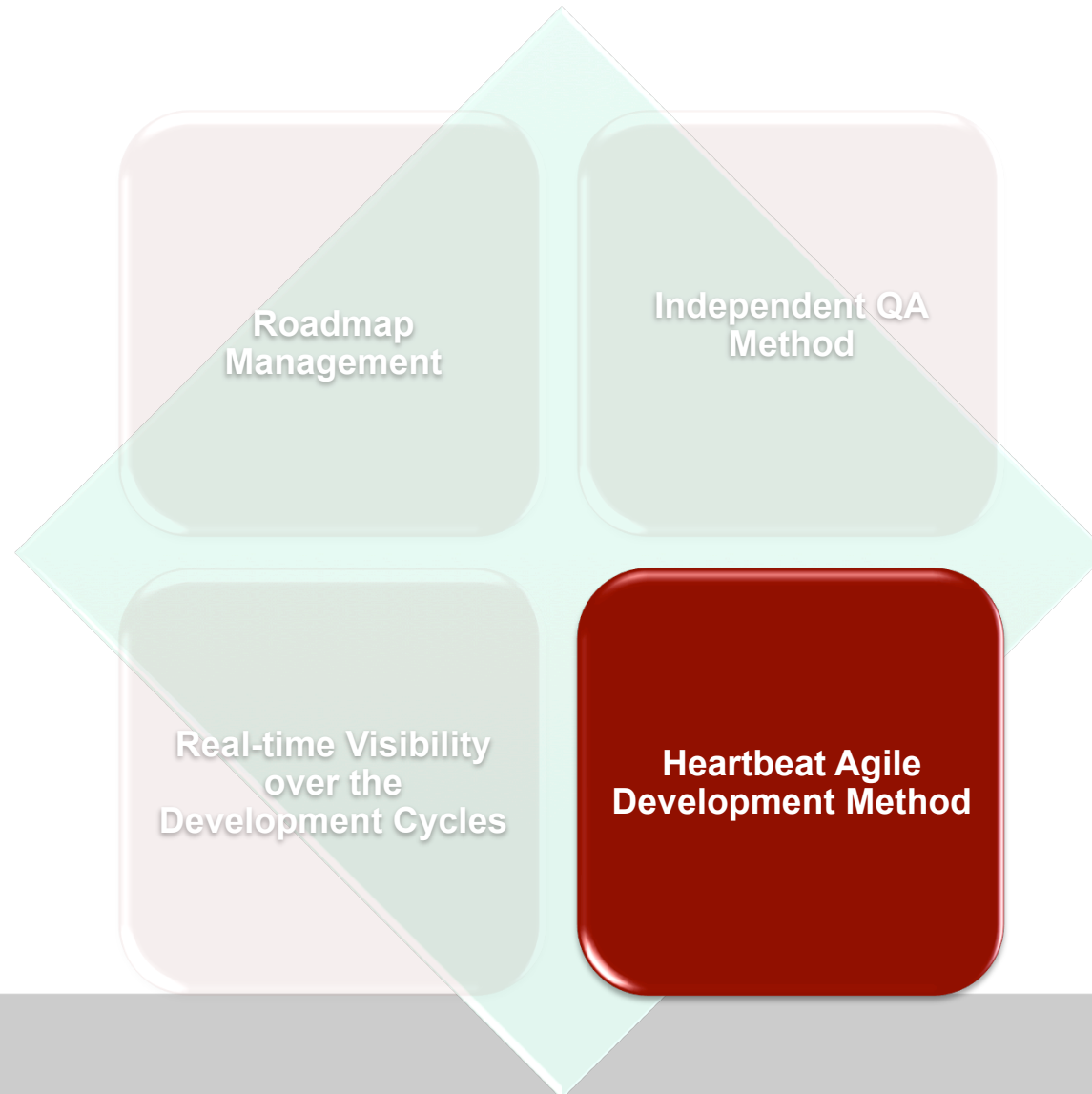
Traditional Product Engineering is a Complex Balancing Act

The Heartbeat Method Stabilizes Engineering by Removing Variables

Pre-defined Processes

- Capacity Planning in Advance
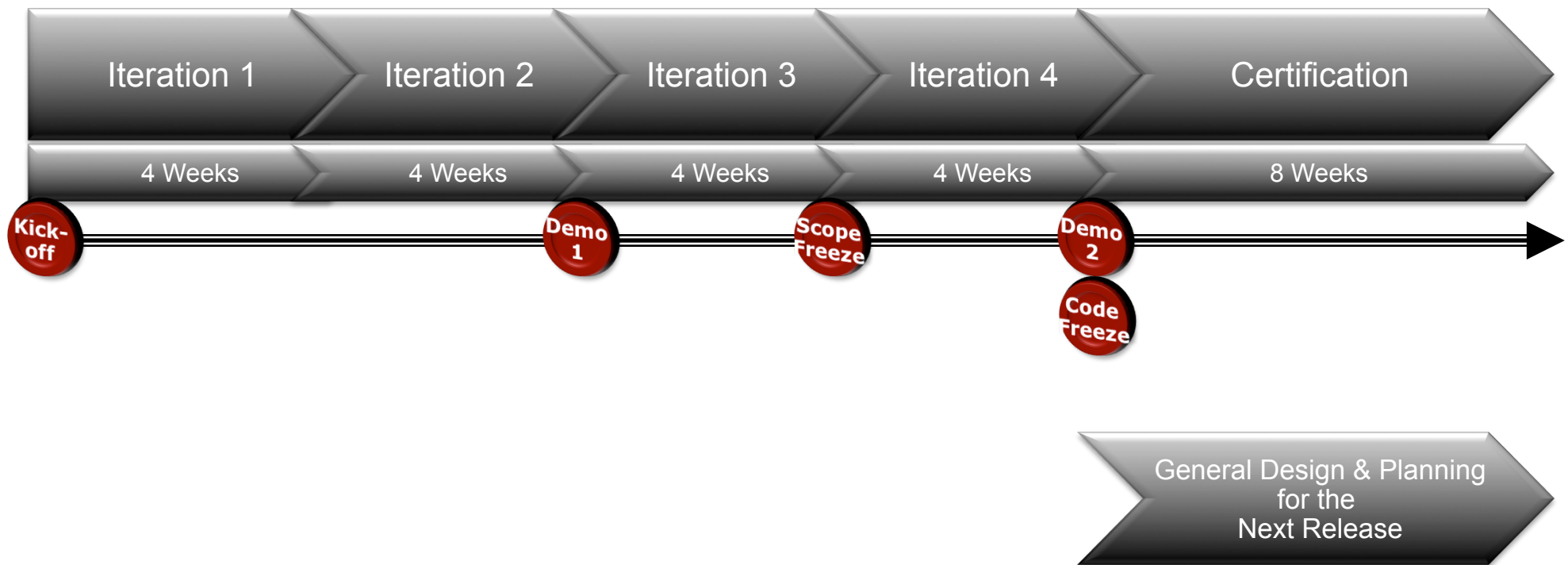- Fixed Time & Repeatable Project Plan

Heartbeat

Focused Engineering Management

Scope Management

Quality Management

eZ Systems Heartbeat – 24 weeks

Iteration 1	Iteration 2	Iteration 3	Iteration 4	Certification
4 Weeks	4 Weeks	4 Weeks	4 Weeks	8 Weeks

Kick-off

Demo 1

Scope Freeze

Demo 2

Code Freeze

General Design & Planning for the Next Release

New Organization Announced

eZ Certified Extensions
- Development, certification, and and maintenance of all extensions that eZ Systems certifies and supports.

eZ Publish
- Development of the eZ Publish product, including the kernel and other key product components (such as the Online Editor).

eZ Premium
- Development and maintenance of the eZ Premium software components, including eZ Networks and new Web-Services to be made available to Premium Customers.

eZ Core Infrastructure
- Development and maintenance of the infrastructure implementation for all other domains, including eZ Components, Database components, protocols, stacks, packaging, etc.

eZ User Experience
- Development and maintenance of the components that provide User Interaction.
- Development of User Experience Strategies and Programming guidelines.

Technical Writing
- User Documentation
- Technical Documentation
- Training Materials

eZ Support
- 1st Line Support
- 2nd Line Support
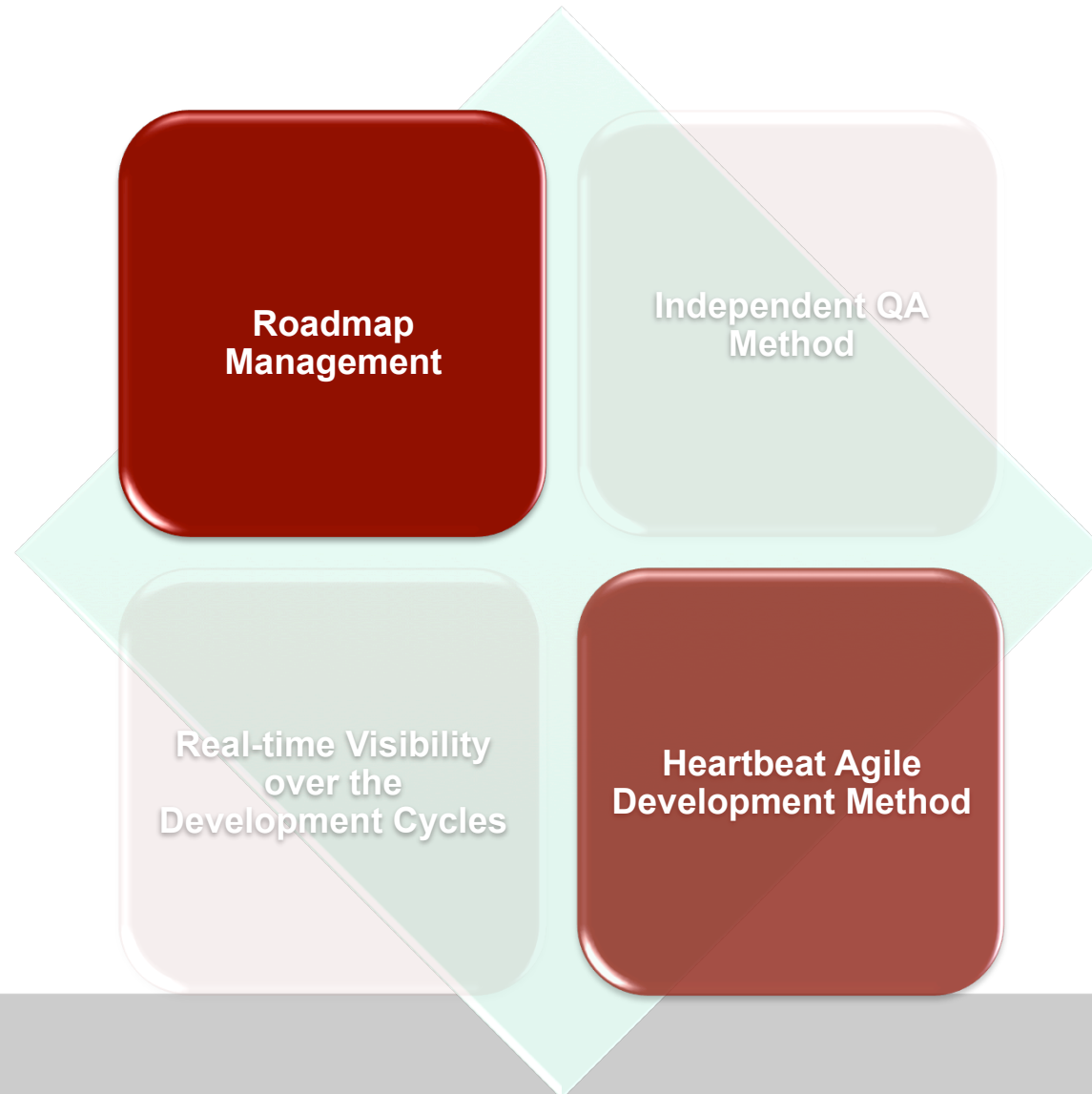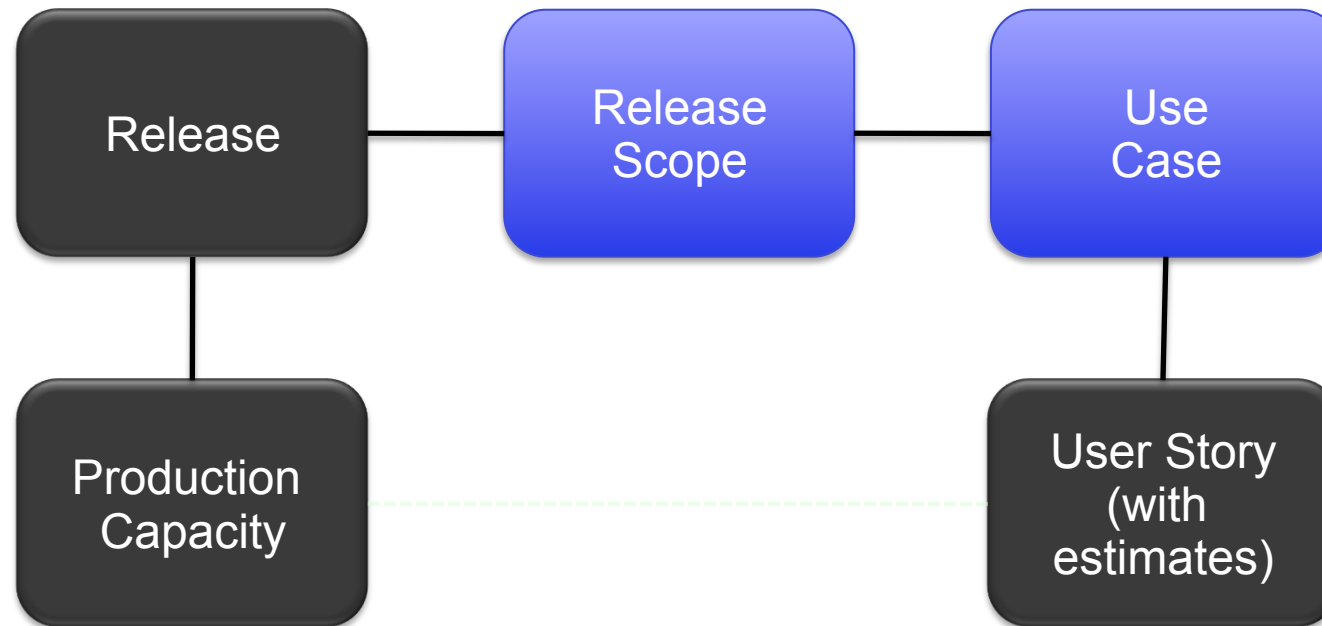- Patch Distribution & Maintenance

Quality Assurance
- Functional Quality & Platform Certification
- Performance, Stress and Scalability
- Documentation QA
- Integration and Upgradability Certification

Release Management
(Resource Allocation and Project Management

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Roadmap Management

Roadmap Management

Independent QA Method

Real-time Visibility over the Development Cycles

Heartbeat Agile Development Method

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Product Management + Heartbeat + Capacity Planning = Stable Roadmap

Three Releases Open for
Scope Allocation at Any Given Time

Release	Release Scope	Use Case
Production Capacity		User Story (with estimates)

Release +1   Release +2   Release +3

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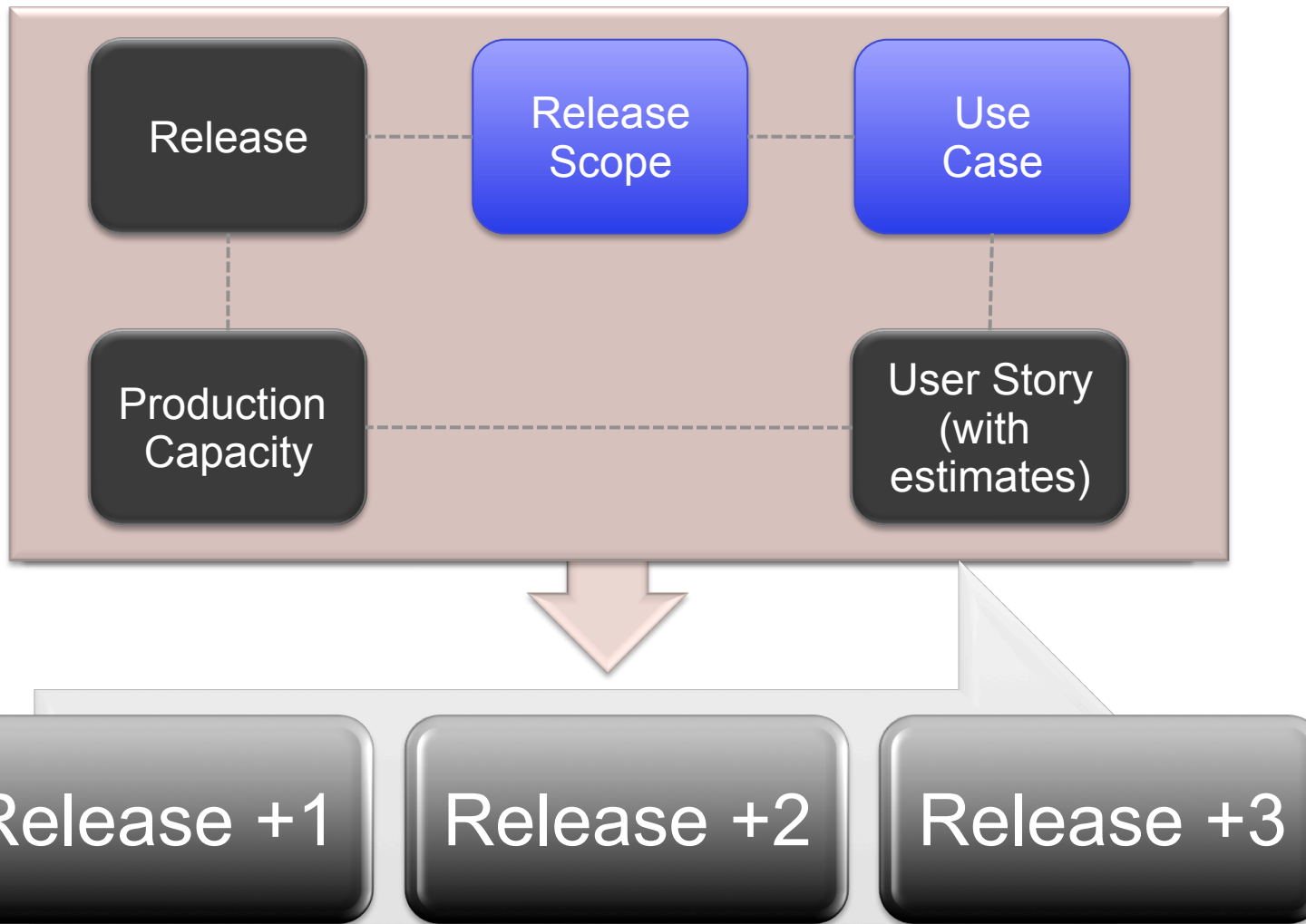
eZ Product Management Overview

Community

Partners

Engineering

Customers

Support

Public Tracking DB

Premium Tracking DB

Filtering & Selection (Engineering)

List of Candidate Use Cases

Product Management Meetings (4 per Year)

Product Management DB
- Production Control
- Roadmap Management
- Backlog

Filtering & Selection (Product Management)

Trade Shows

Sales Cases

Market Analysis

Direct Customer/Partner Interaction

| Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |

eZ Publish Suite Release X
eZ Premium

eZ Publish Suite Release X+1
eZ Premium

eZ Publish Suite Release X+2
eZ Premium

eZ Components Release X

eZ Components Release X+1

Annual eZ Heartbeat
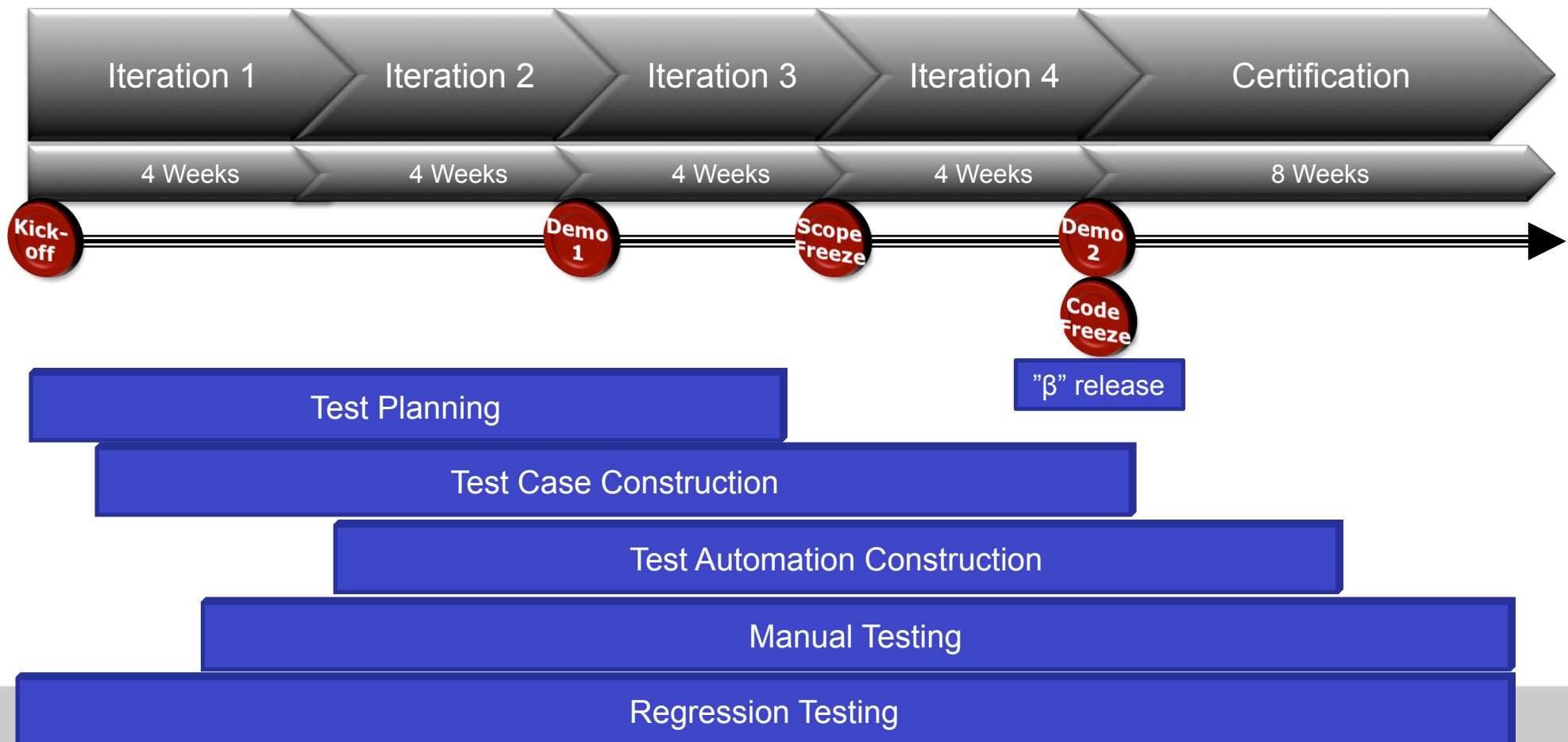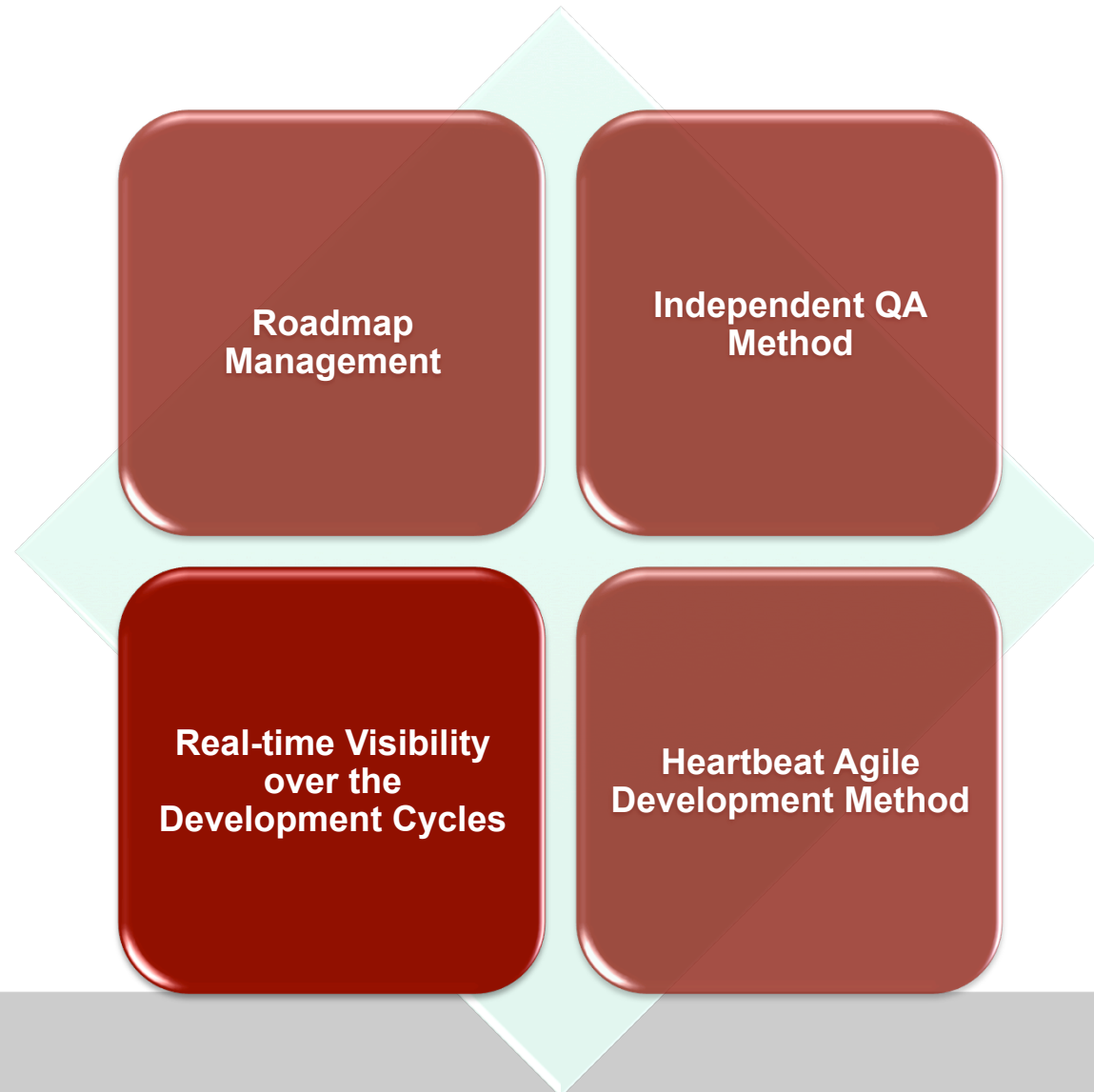
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Independent QA Method

An Independent and Permanent QA Organization is Essential in order to Keep the Heartbeat Going and Increase Product Quality

Iteration 1	Iteration 2	Iteration 3	Iteration 4	Certification
4 Weeks	4 Weeks	4 Weeks	4 Weeks	8 Weeks

Kick-off

Demo 1

Scope Freeze

Demo 2

Code Freeze

"β" release

Test Planning

Test Case Construction

Test Automation Construction

Manual Testing

Regression Testing

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Real Time Visibility