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# Innovate2011

The Premier Event for Software and Systems Innovation



**Software. Everywhere.**

The Automation Evolution

How ANZ is applying the IBM Rational suite to automate asset deployment.

19- July, Sydney, Australia

21- July, Melbourne, Australia





## The Automation Evolution

How ANZ is applying the IBM Rational suite to automate asset deployment.

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**19-July** Sydney, Australia  
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## Agenda

- The challenge: Managing enterprise assets
- The ANZ EMAP transformation initiative
- Capitalising on the investment
- Lifecycle automation with IBM Rational



## About ANZ Bank

- Opened its first office in Sydney in 1835
- Global headquarters is located in Melbourne, Australia
- Top ten listed company in Australia, and the number one bank in New Zealand
- Operates in more than 32 countries across Australasia, Europe, Pacific and America
- Over 5.7 million customers worldwide
- Employs more than 40,000 people around the world



# About ANZ Technology

## IT Initiatives & Projects



### Environment Management

- 50 projects in parallel and growing
- Asia Pacific support

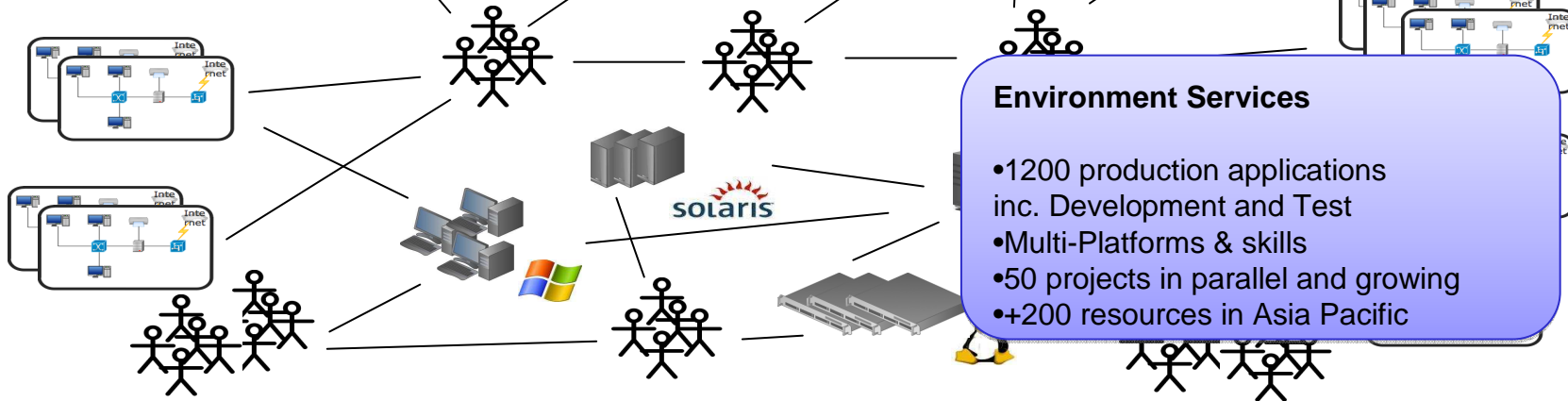
## Assets



### Asset Management

- Thousands of assets across the org
- Mutil Region support

## Technology Resources

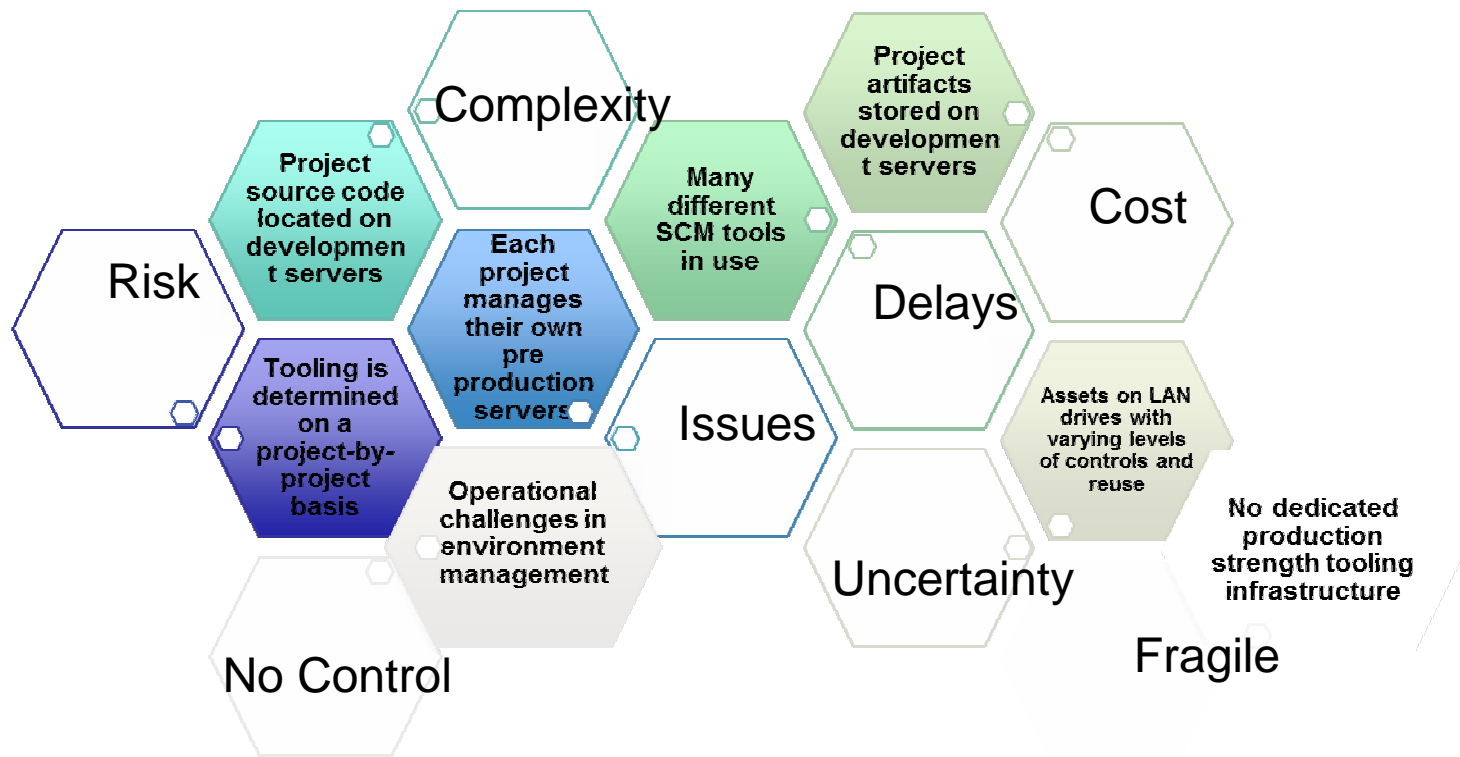


### Environment Services

- 1200 production applications inc. Development and Test
- Multi-Platforms & skills
- 50 projects in parallel and growing
- +200 resources in Asia Pacific



# The situation that was at ANZ Bank

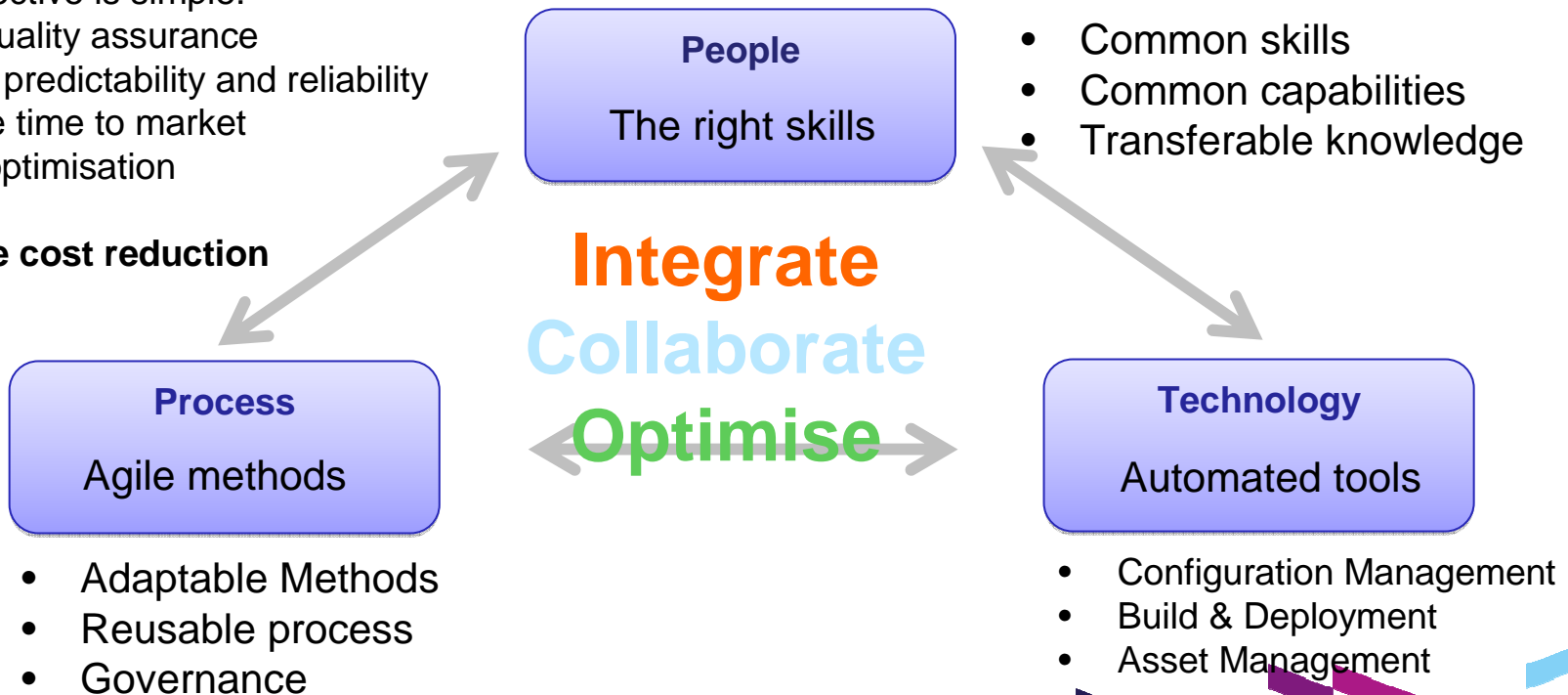


# Transformation across the environment management practice

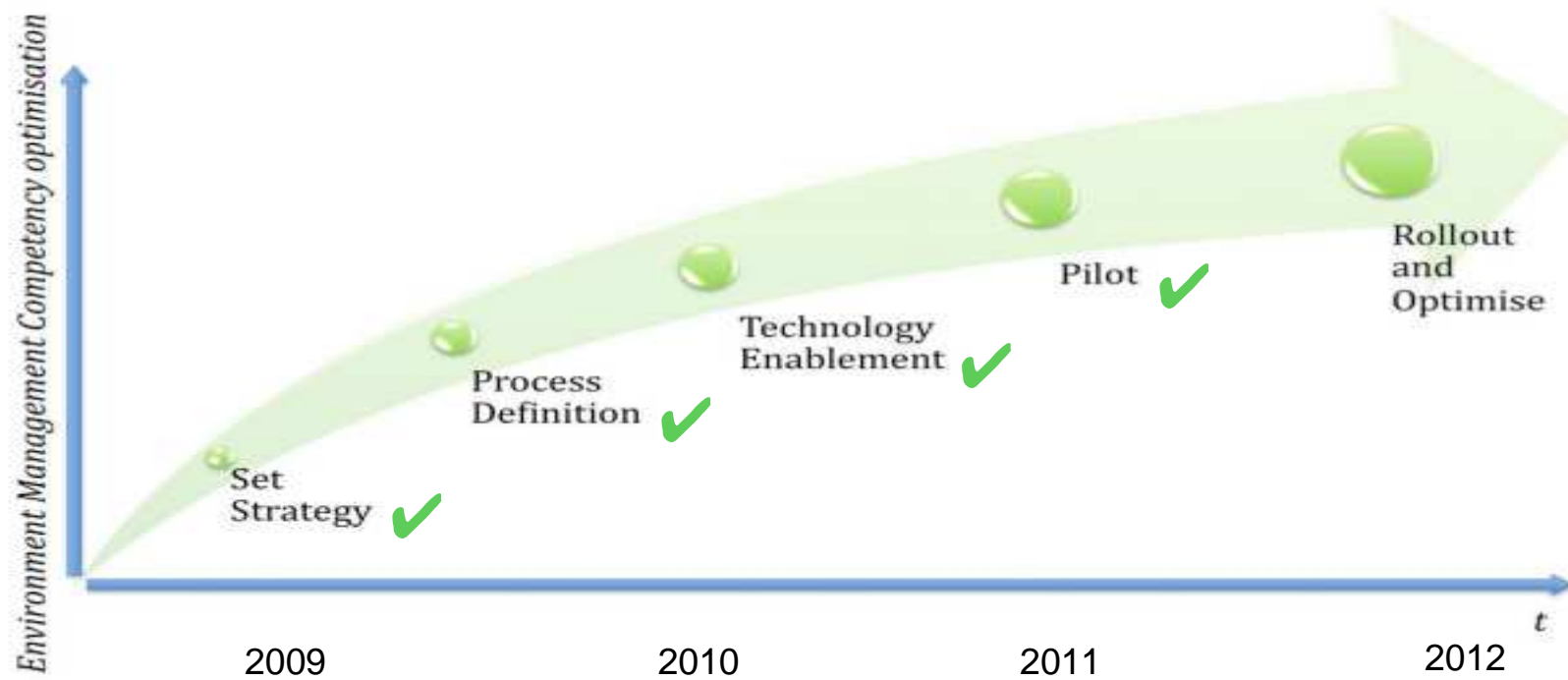
The objective is simple:

- Drive quality assurance
- Deliver predictability and reliability
- Reduce time to market
- Asset optimisation

Drive cost reduction

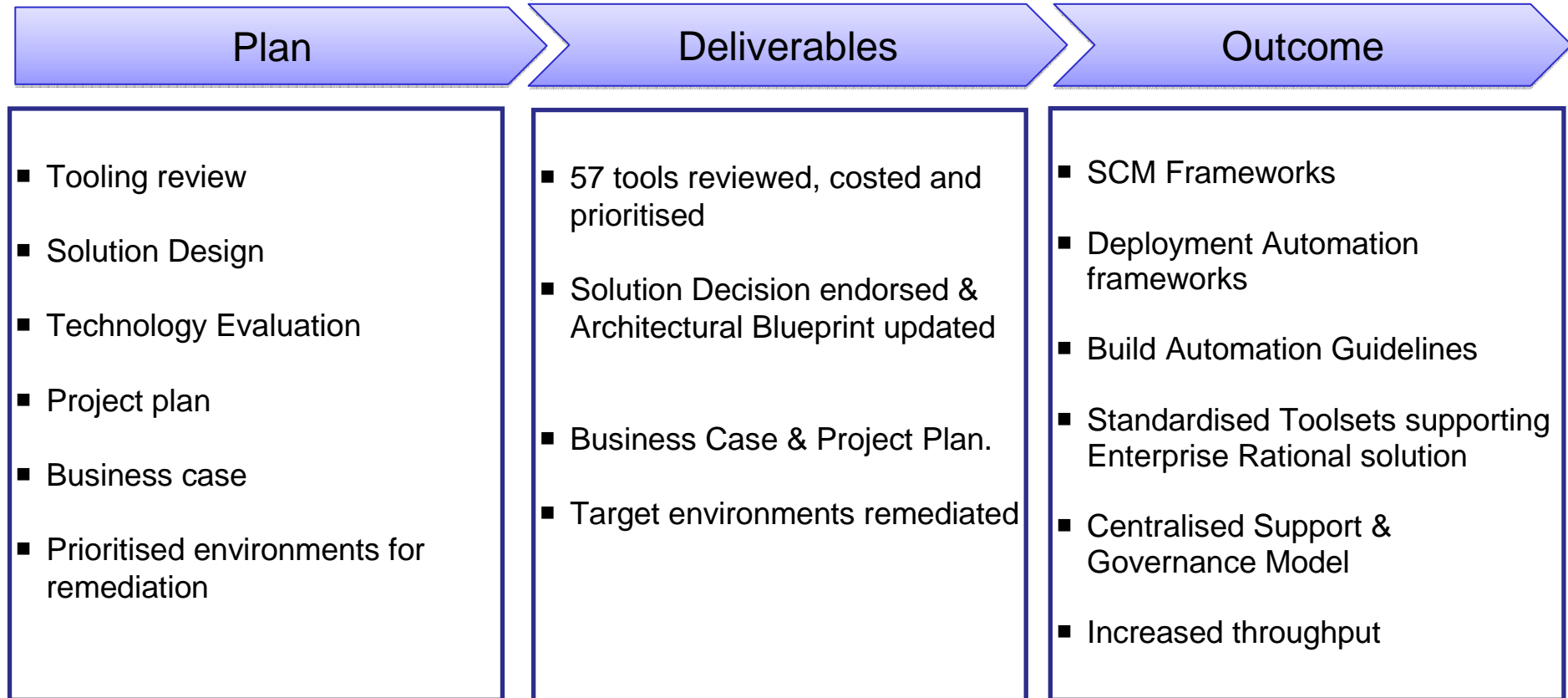


# Transformation project timeline of events





## Transformation Project Initiatives



## What this means for ANZ Bank

### Reduce Lead Time

- Standards in procedures & tools
- Reduced training and enablement

### Manage Source Code

- Collaboration across projects
- Preservation of code

### Deploy Faster

- Build and Deploy automation
- Traceability of assets

### Reuse Assets

- Single source of traceable assets
- Build and Deployment adaptors
- Versioned assets for consumption

### Report Accurately

- Consistent logging & audits
- Common frameworks
- Deployment and configuration controls



## The ROI benefit to ANZ

- Cost reduction
- Improve time to market
- Drive efficiency in deployment cycles by 50%
- Test cycle reduction by 30%
- Reduce delivery risk
- Improve stakeholder satisfaction

Over five years:

Reduced effort to deliver Testing & Environments.

AUD\$12.88M

Improve productivity & throughput of Environment Build and Software configurations team

AUD\$17.04M



## Centralising the technology

Source Control

Artefact Management

Deployment



Collabnet



**No standard end to end process or tool integrations**



Subversion



Visual Source Safe



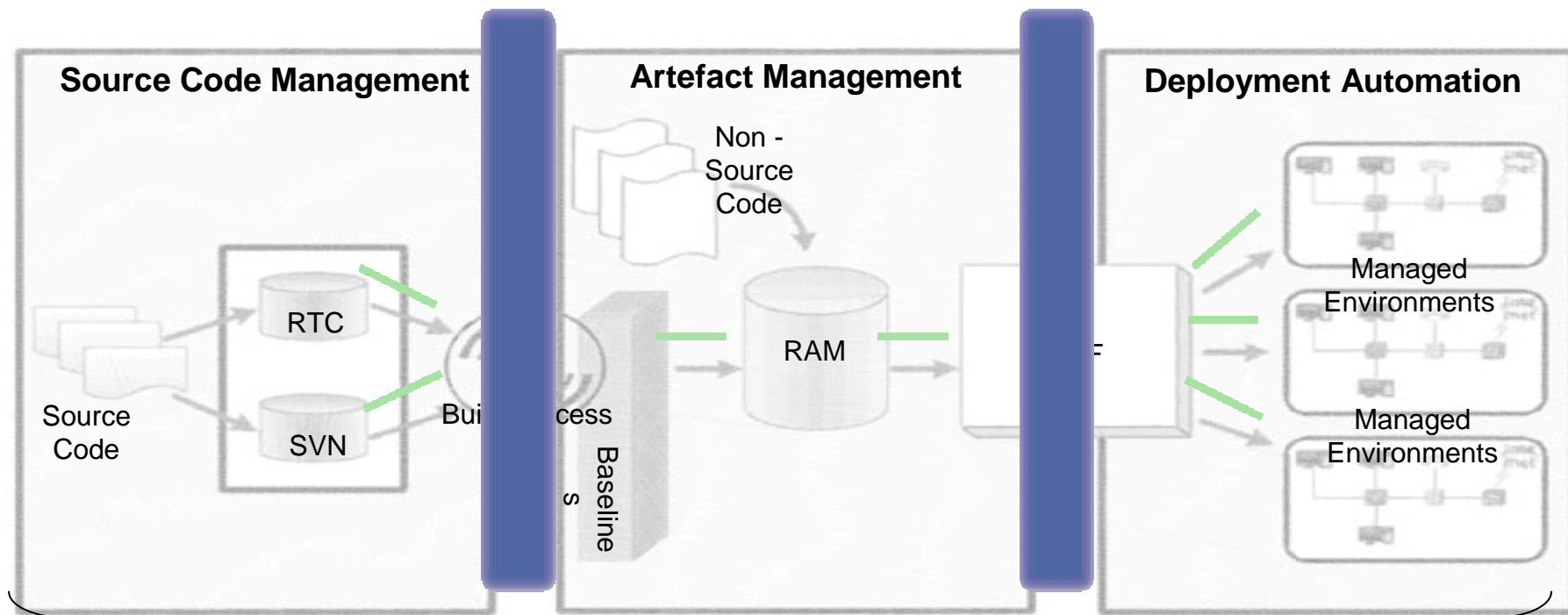
Many instances  
Many tools  
Not managed

Many methods  
Many repositories  
Not managed

No standard method  
No standard tool  
Not managed



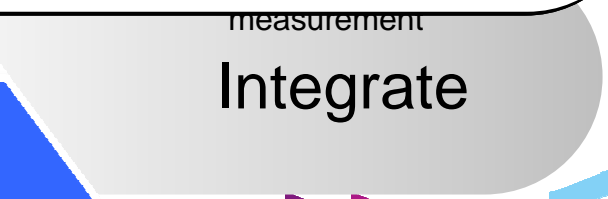
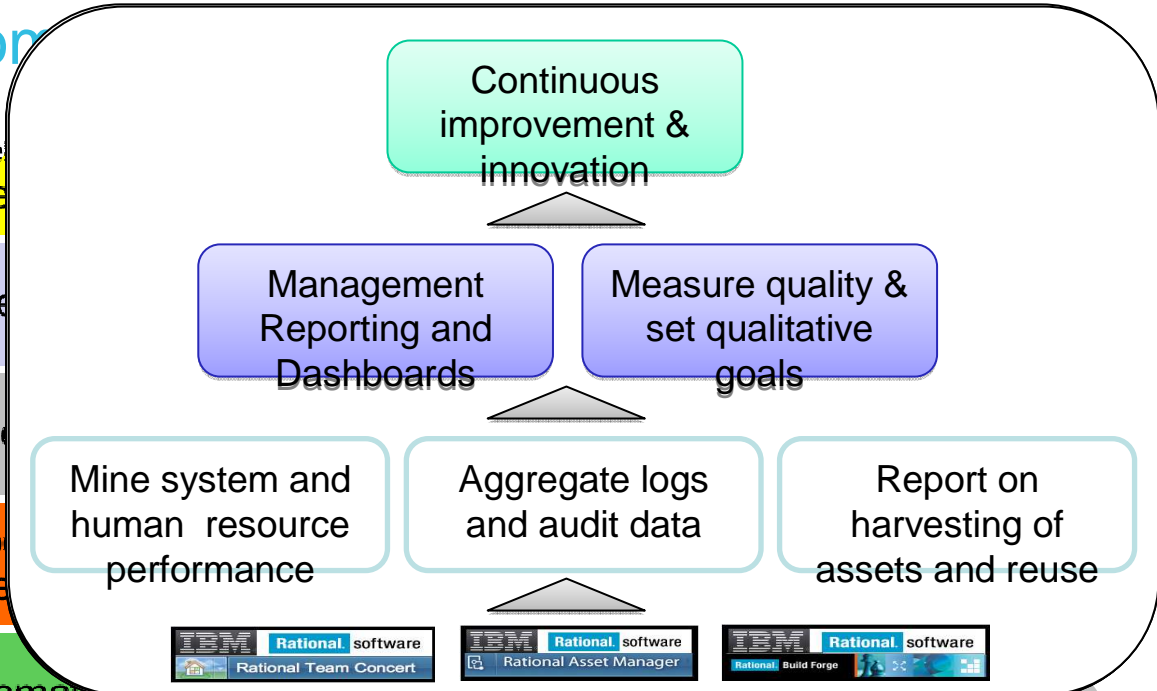
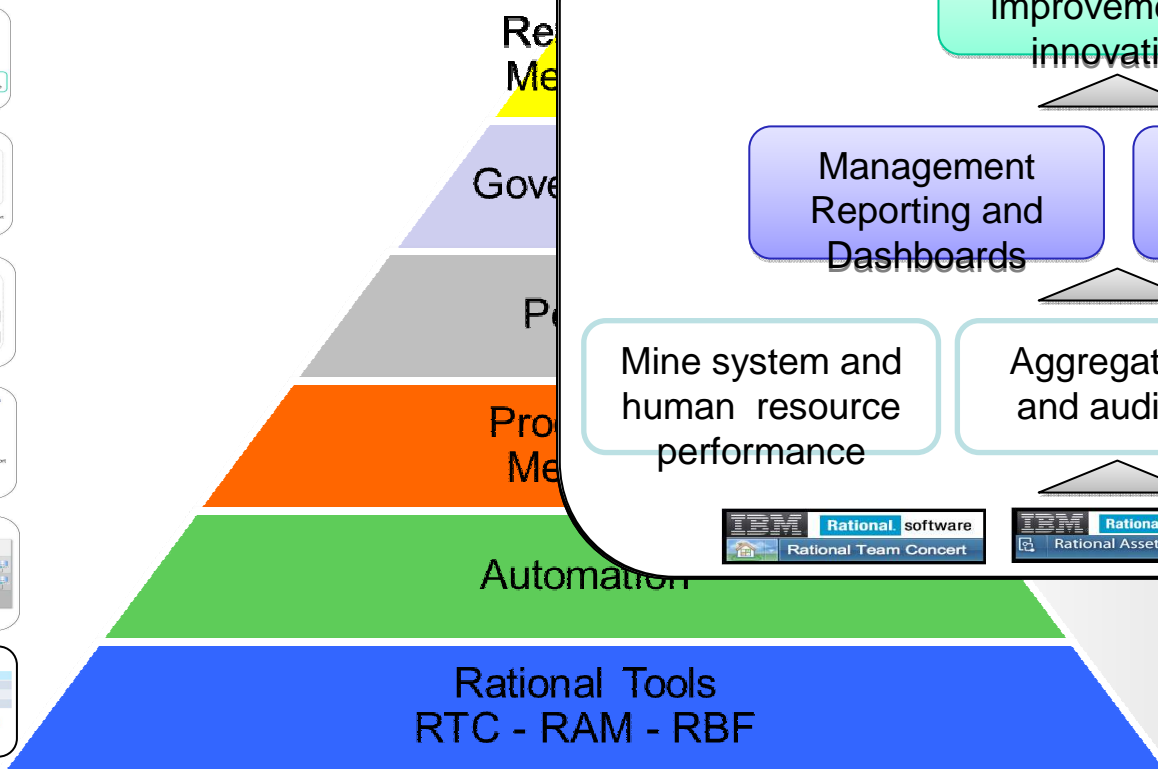
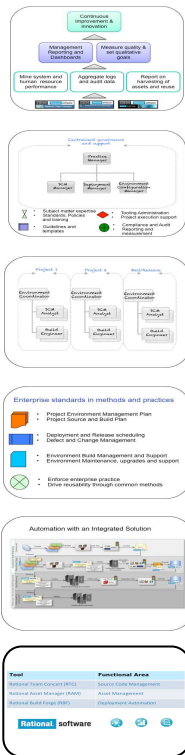
# Tooling integration across the lifecycle



Integrate and automate



# Enterprise Ready Automation



## Summary – 3 Things to Automatically Take Away

- 1. Integrate**
- 2. Collaborate**
- 3. Optimise**



# QUESTIONS

