Application Lifecycle Management Quality and Test Automation for SAP
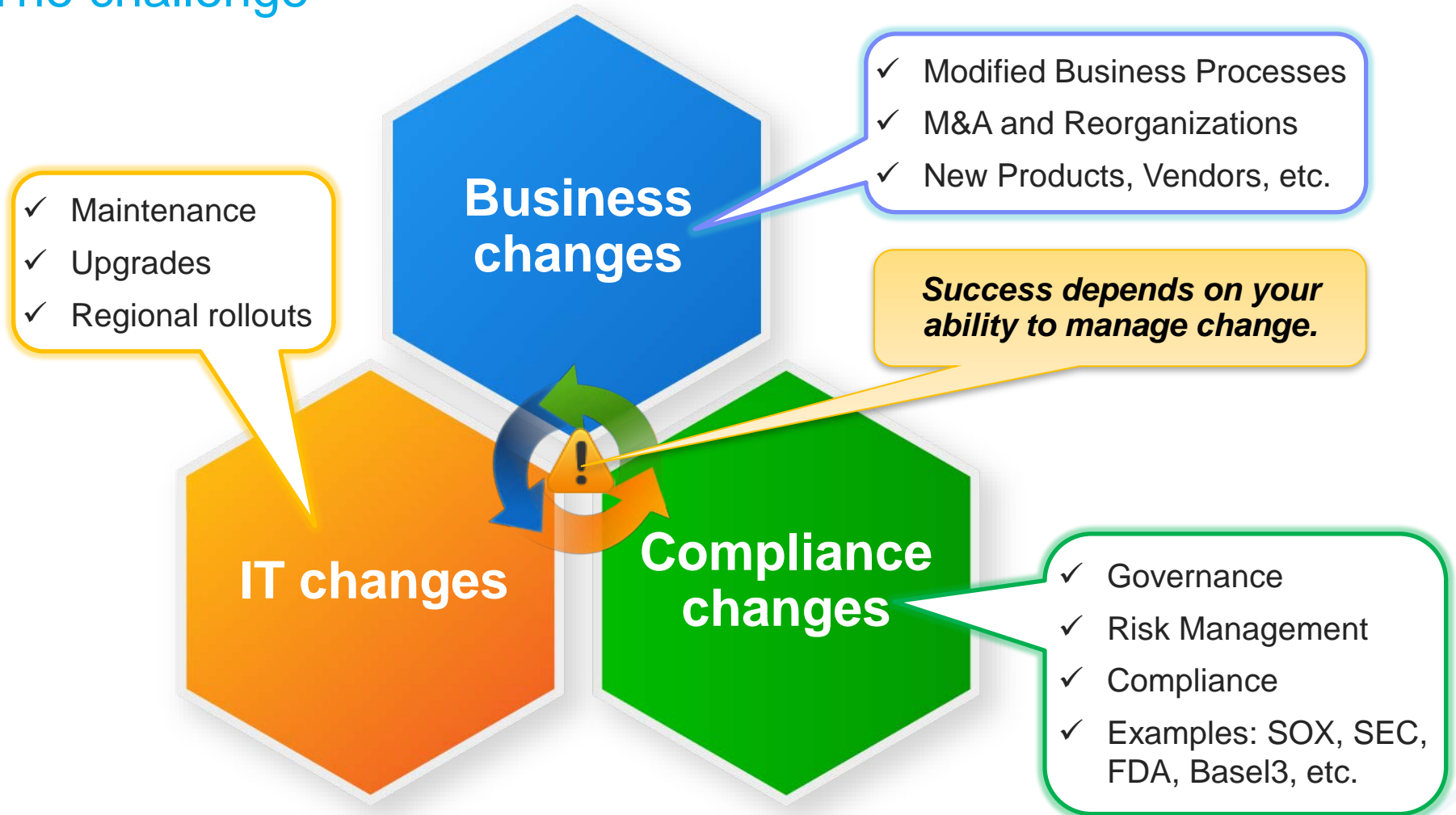
Bernd Eberhardt

Product Manager

IBM SAP International Competence Center

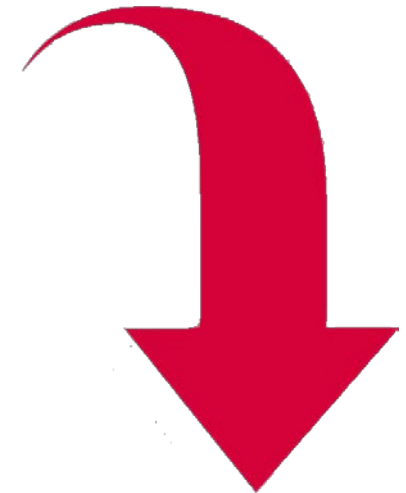# The challenge

Business changes

- ✓ Modified Business Processes
- ✓ M&A and Reorganizations
- ✓ New Products, Vendors, etc.

- ✓ Maintenance
- ✓ Upgrades
- ✓ Regional rollouts

Success depends on your ability to manage change.

IT changes

Compliance changes

- ✓ Governance
- ✓ Risk Management
- ✓ Compliance
- ✓ Examples: SOX, SEC, FDA, Basel3, etc.

For 40 years, IBM and SAP have consistently delivered superior ROI through thousands of successful implementations.

IBM Smarter Business 2013

Typical pain points we hear from SAP customers

1 Time spent on upgrades and updates

2 Managing requirements and testing change

3 Integrating with non-SAP technology

4 Optimizing partners and non-SAP teams

Reduce the cost and risk of managing change

Rational solutions for SAP

Enterprise planning for SAP

Visualize, analyze, plan and communicate SAP (and multi-ERP) deployment.

Lifecycle management for SAP

Connect requirements, change and test management and integrate with SAP Solution Manager (if required) to provide complete traceability of SAP delivery.

Testing for SAP

Increase confidence and reduce risk of go live with optimized end to end testing test planning and data for SAP. This includes manual, automated, integration, performance and mobile interface testing.

Agile for SAP

Prove a single, collaborative environment for SAP development teams with integrated agile planning and reporting for HANA, ABAP, Netweaver, Java, .Net and other IDEs.
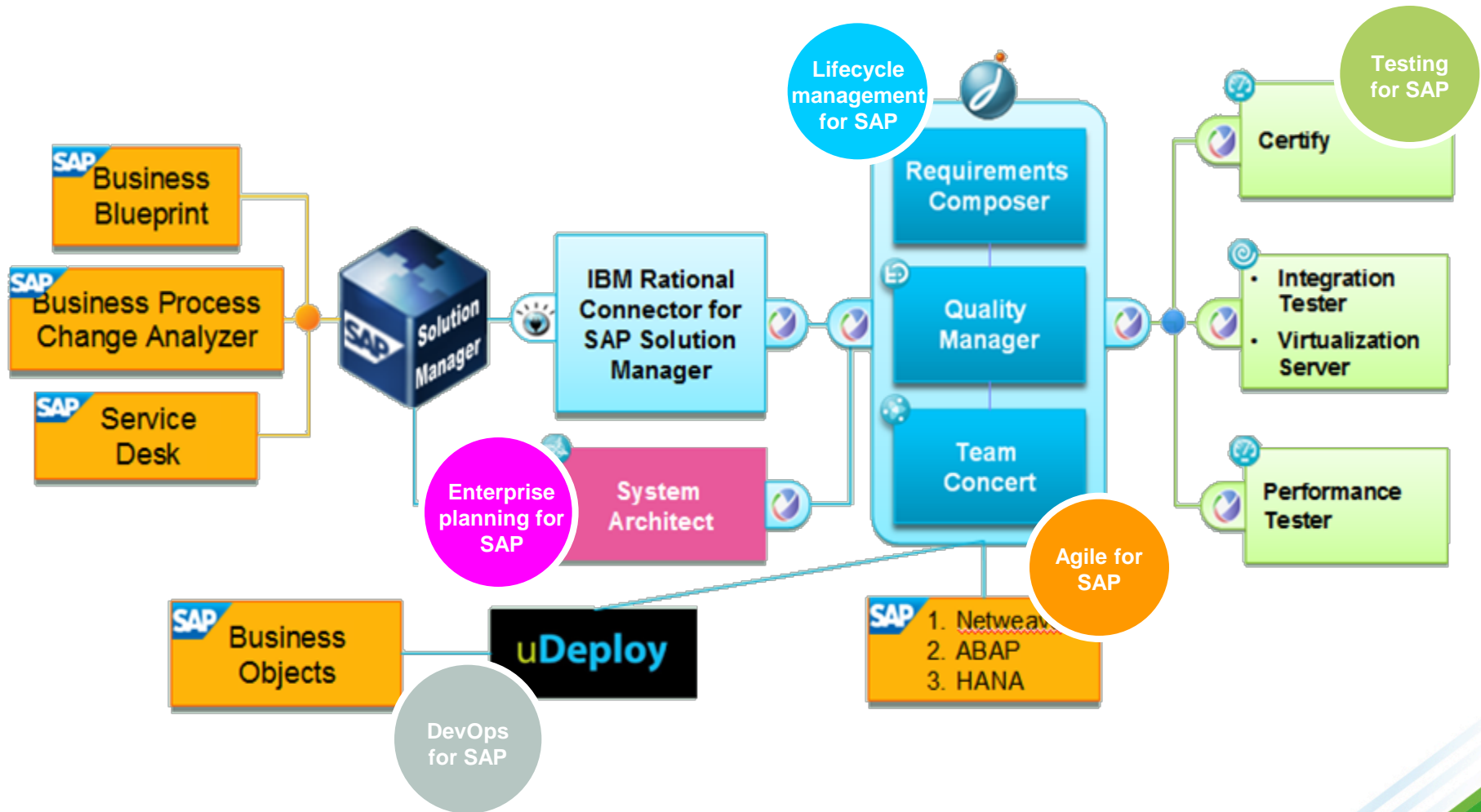
DevOps for SAP

Resolve problems quicker by sharing problem & ticket information across operations & development with continuous monitoring and integrated SAP release and deployment.

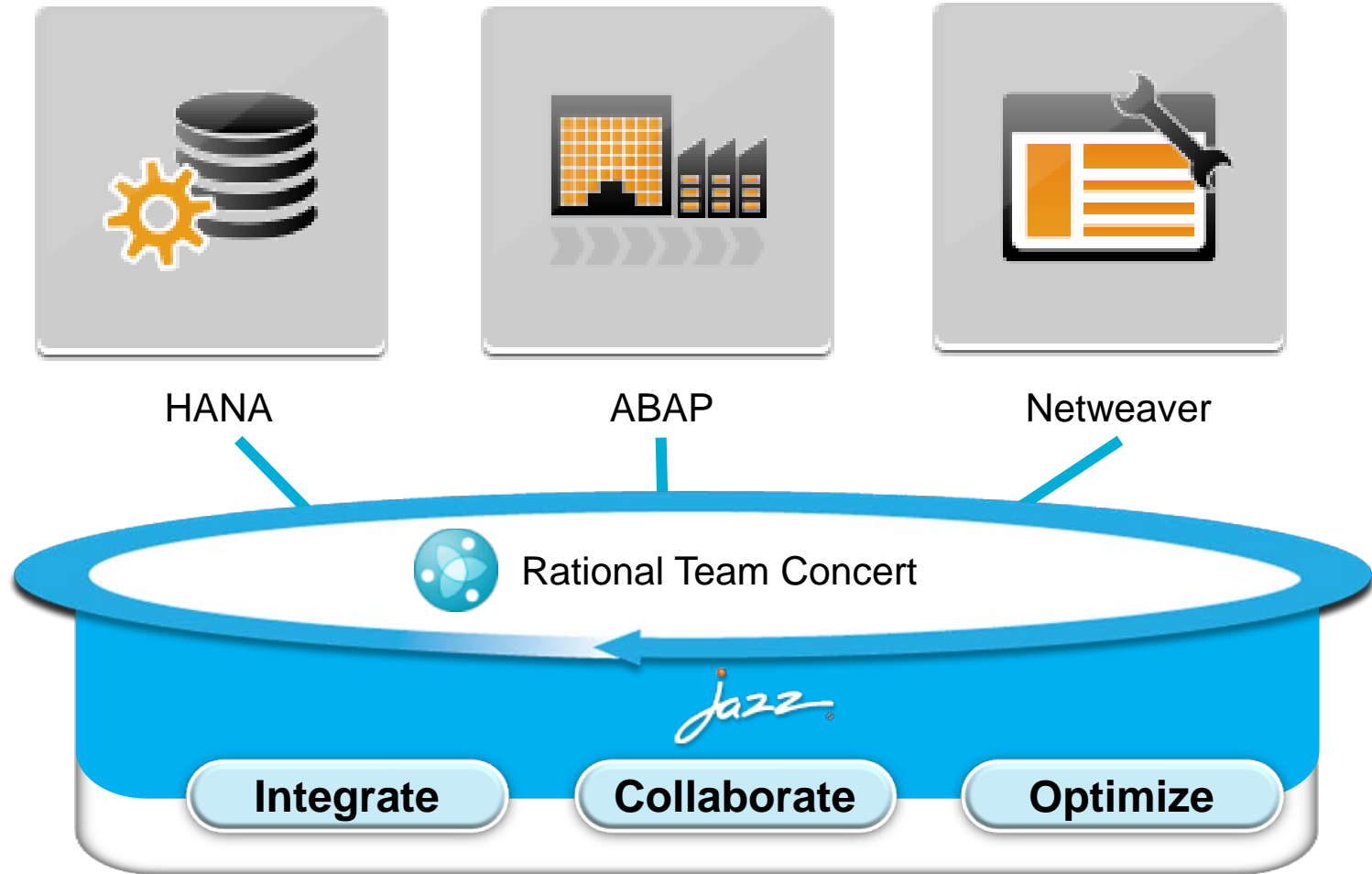# Reduce the cost and risk of delivering SAP

Enterprise planning for SAP	Lifecycle management for SAP	Testing for SAP
Rational System Architect	**Rational C/ALM**	**Rational Quality Manager**
✓ Architect the *right implementation* ✓ *Big picture view* of existing SAP implementation ✓ *Visualize, analyze, plan and communicate* your SAP deployment	✓ Add team *collaboration and project transparency* ✓ Complete application *lifecycle traceability* ✓ Complete *audit trail*, *process* and automated *governance*	✓ Manage and test *SAP and non-SAP* projects ✓ Automated *functional and integration testing* ✓ *Test business process changes* for proper deployment

Mapping Rational tools to Rational solutions

Bringing SAP developers together

How to get more information

LOOK ON THE WEB

Visit the website
ibm.com/software/rational/solutions/sap

Join the Rational for SAP group
linkedin.com/groups/ALM-QM-SAP-4825143

Watch technical demos
youtube.com/playlist?list=PL21DFA6F60AB29351

DOWNLOAD ASSETS from our website
ibm.com/software/rational/solutions/sap

A positioning paper

A technical paper

Get the connector

PROOF OF CONCEPT / VALUE PROTOYPING

Rational. software   Contact me

IBM Smarter Business 2013

Questions

www.ibm.com/software/rational

Thank You

www.ibm.com/software/rational

Why Rational

What's unique about our offerings?

✓ Only end to end collaborative quality management platform for SAP test planning, test execution, and test reporting which is supported by SAP.

✓ Open platform to link business, technical, and IT artifacts and tools from across SAP and non-SAP projects.

✓ SAP's toolset of choice for delivering SAP testing services to SAP customers.

✓ Provides visibility and integrates change management across SAP and non-SAP applications.

✓ Combines recommended best practices from SAP and IBM.

- **SAP recommend Rational tools**
- **SAP provide support for Rational tools.**
- **SAP deliver services using Rational tools**
- **SAP use Rational tools to develop SAP applications**

What benefits are organisations achieving with Rational solutions for SAP?

40%

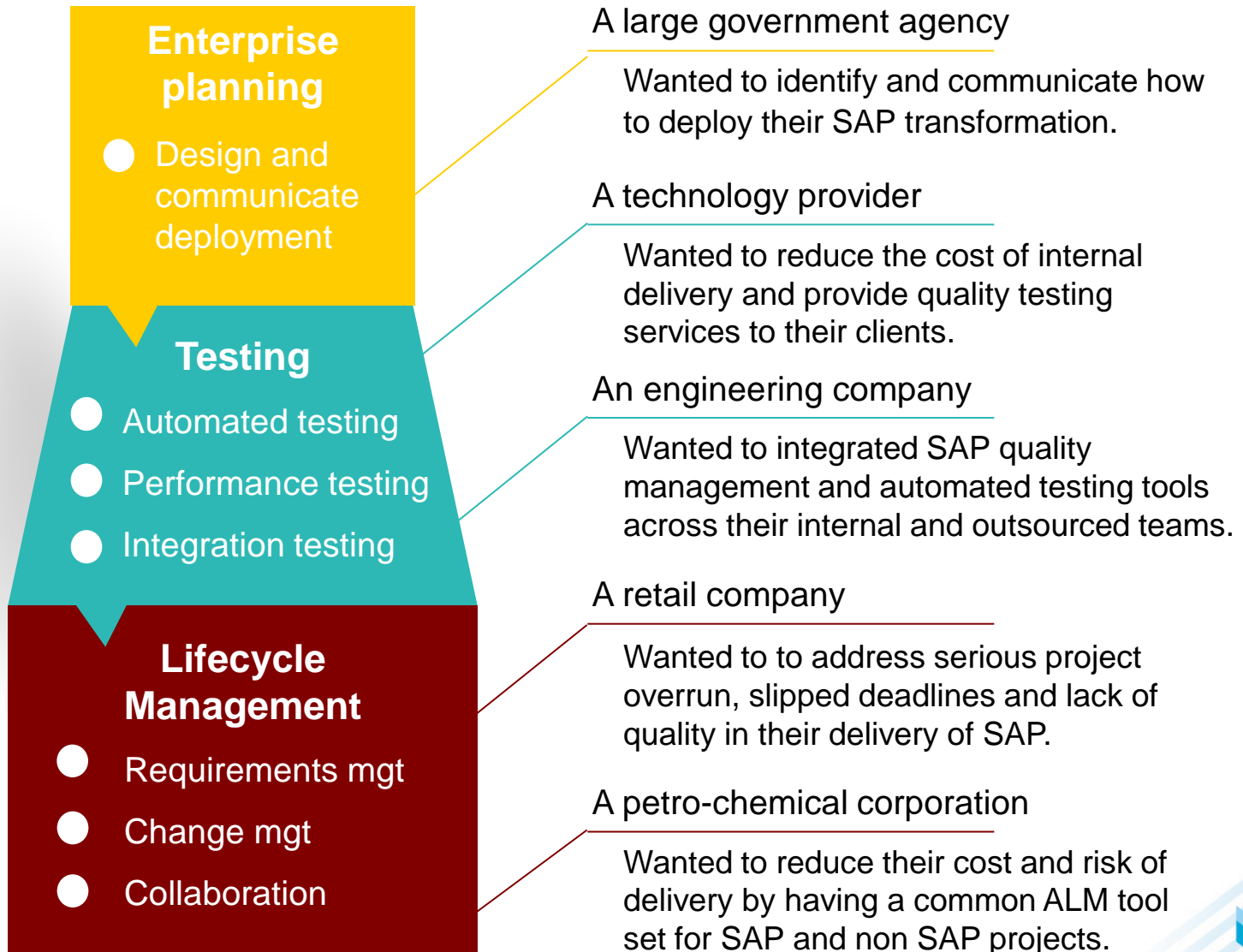Reduction in overall testing costs

80%

Improvement in productivity

90%

Increase in confidence of an upgrade or change.

Reduced cost   **Reduced risk**

Why customers have bought Rational for SAP

Enterprise planning

- Design and communicate deployment

Testing

- Automated testing
- Performance testing
- Integration testing

Lifecycle Management

- Requirements mgt
- Change mgt
- Collaboration

A large government agency
Wanted to identify and communicate how to deploy their SAP transformation.

A technology provider
Wanted to reduce the cost of internal delivery and provide quality testing services to their clients.

An engineering company
Wanted to integrated SAP quality management and automated testing tools across their internal and outsourced teams.

A retail company
Wanted to to address serious project overrun, slipped deadlines and lack of quality in their delivery of SAP.

A petro-chemical corporation
Wanted to reduce their cost and risk of delivery by having a common ALM tool set for SAP and non SAP projects.

Reduce the cost and risk of change

What SAP say

"Our collaboration with IBM Rational brings together the best of our combined application lifecycle management market leadership and can help customers reduce costs, manage change, and improve quality across the enterprise applications lifecycle."

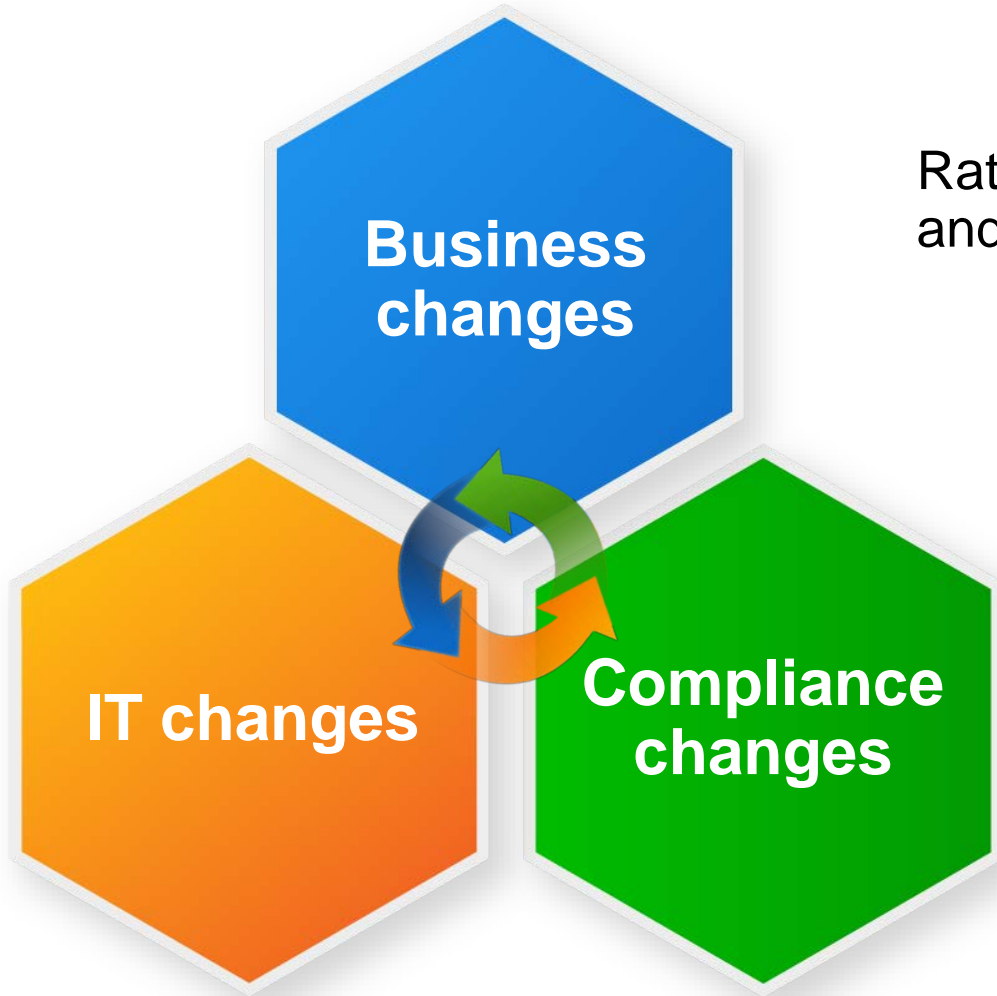**Uwe Hommel, Executive Vice President**

What customers say

"With IBM's assistance, we have delivered increased productivity, reduced development times and lowered costs, while experiencing significantly higher user adoption rates, which translate into greater business value."

"The recipe is to run core operations on SAP applications, and extend the power and reach of the developer community using Rational Team Concert"

Arpad Hevizi, VP of Supply Chain IT Solutions

The Rational difference

Business changes

IT changes

Compliance changes

Rational solutions reduce the cost and risk of managing SAP change.

SAP Pinnacle Awards 2013 Winner