

# THE OPPORTUNITY FOR BUSINESS RULES ENGINES:

Do you think business rules are hard to understand and implement? They don't have to be.

**AUTOMATING OR FASTER CHANGE-MANAGEMENT CHANGING REQUIREMENTS ARE THE NUMBER 1 PRIORITY FOR APPLICATION DEVELOPMENT IN 2015.**

41

**41 PERCENT** realize they need a better process for managing change

38

Only **38 PERCENT** are happy with the change-management methods currently in place in their organizations

21

**21 PERCENT** don't even know whether or not they have challenges in automating decisions



**BUSINESS RULES AUTOMATION CAN HELP SOLVE THESE PROBLEMS IN ORGANIZATIONS.**

**3 TOP CHALLENGES** demanding considerable I.T. resources:

Updating hard-coded business rule changes in applications

Working with limited test data

Troubleshooting problems that already exist in products

**ORGANIZATIONS KNOW WHAT THEY NEED TO DO TO DEAL WITH THESE PROBLEMS.**

22

**22 PERCENT** of respondents want to manage application changes quickly

16

**16 PERCENT** want to allow better agility for day-to-day business rules

12

**12 PERCENT** want to manage quick process changes

7

**7 PERCENT** want faster change cycles

31

**31 PERCENT** of all respondents would like to do all of those things



*These responses reveal the need and opportunity for business rules engines.*

**WHAT ARE THE GOALS ORGANIZATIONS HOPE TO ACHIEVE?**

Lower I.T. implementation costs

Develop policies and rules faster

Reduce turnaround time for change requests

**WOW!** What SAVINGS

17

14

28

**THEY DON'T NECESSARILY KNOW HOW TO ACHIEVE THOSE GOALS.**

**17 PERCENT** of respondents say they use rules engines to "manage agility for day-to-day business logic changes"

**14 PERCENT** report using a rules engine when developing apps

**28 PERCENT** don't know what a business rules engine is

**WITH ONLY 14% USING A RULES ENGINE, THERE IS A MASSIVE OPPORTUNITY FOR ORGANIZATIONS TO CUT COSTS AND INCREASE EFFICIENCY BY IMPLEMENTING RULES ENGINES. AND I.T. CAN LEAD THE WAY.**

- In **72 PERCENT** of organizations, I.T. is responsible for managing change
- Business operations is responsible for managing change in **66 PERCENT** of organizations; thus there is a lot of overlap\*
- Often times **I.T. IS THE DRIVING FORCE** for implementing a business rules engine with business analysts input

*\*Respondents could choose multiple answers to this question.*

**TAKE AWAY: THE NEED FOR BUSINESS RULES ENGINES IS HUGE AND IMMEDIATE,**

but not many I.T. professionals are using engines. I.T. can be the primary catalyst for cutting costs and increasing efficiency through the implementation of a business rules engine. With the right business rules engine, I.T. and business operations will increase collaboration in order to achieve organizational goals.

**EXTRA INFO:** **74 PERCENT** of respondents work for companies with more than 1,000 employees; technology, government, financial services and healthcare were the most prominent industries among respondents.

This survey was conducted between January and February 2015 to readers of *Application Development Trends*.