20% improvement of business agility and faster go-to-market
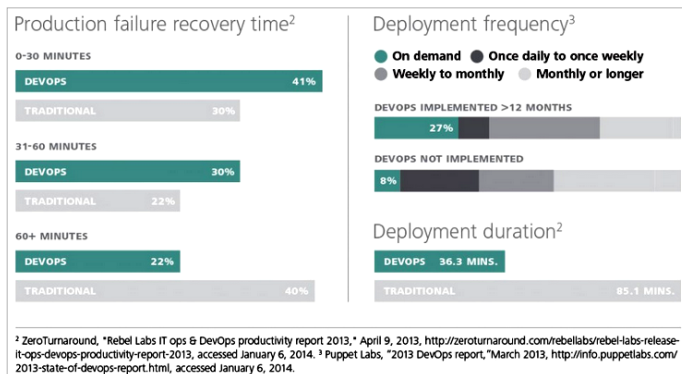
- Promotes continuous delivery best practices by breaking down the silos within the process pipeline.

- Allows the frequency of deployments to be **increased from per day to per hours** resulting in increased business agility, which facilitates

Up to 18% saving on deployment costs

- Eliminates the need for expertise knowledge in different automation tools by providing a **single, easy-to-use automation platform**.

- Promotes the use of **reusable workflows** for **highly repeatable and reliable deployments**.

- **Provides visibility** to take control over configurations and application changes
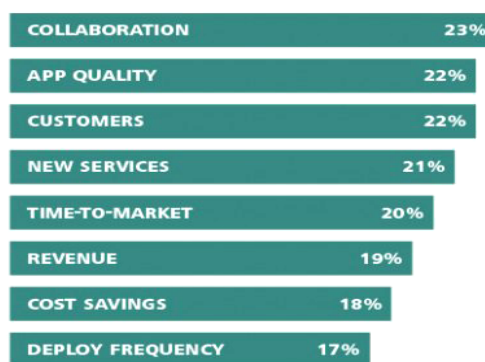
Discover production bugs faster

- Delivers products with **fewer bugs** since bugs are discovered and fixed faster.

- Saved time offers **extra capacity to improve the quality of the application**.
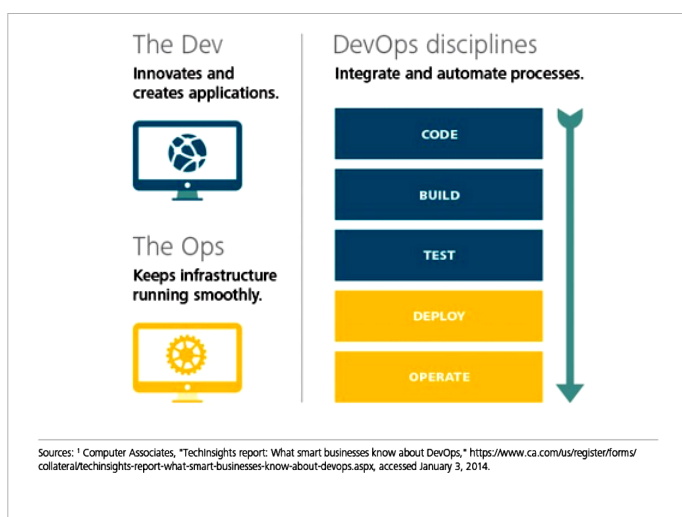

Production failure recovery time[2] | Deployment frequency[3]

Production failure recovery time[2]
0-30 MINUTES — DEVOPS 41% / TRADITIONAL 30%
31-60 MINUTES — DEVOPS 30% / TRADITIONAL 22%
60+ MINUTES — DEVOPS 22% / TRADITIONAL 40%

Deployment frequency[3]
On demand / Once daily to once weekly / Weekly to monthly / Monthly or longer
DEVOPS IMPLEMENTED >12 MONTHS 27%
DEVOPS NOT IMPLEMENTED 8%

Deployment duration[2]
DEVOPS 36.3 MINS. / TRADITIONAL 85.1 MINS.

[2] ZeroTurnaround, "Rebel Labs IT ops & DevOps productivity report 2013," April 9, 2013, http://zeroturnaround.com/rebellabs/rebel-labs-release-it-ops-devops-productivity-report-2013, accessed January 6, 2014. [3] Puppet Labs, "2013 DevOps report,"March 2013, http://info.puppetlabs.com/2013-state-of-devops-report.html, accessed January 6, 2014.

The benefits of DevOps
Percent improvement in business areas.

Business area	Percent improvement
COLLABORATION	23%
APP QUALITY	22%
CUSTOMERS	22%
NEW SERVICES	21%
TIME-TO-MARKET	20%
REVENUE	19%
COST SAVINGS	18%
DEPLOY FREQUENCY	17%

Sources: [1] Computer Associates, "TechInsights report: What smart businesses know about DevOps," https://www.ca.com/us/register/forms/collateral/techinsights-report-what-smart-businesses-know-about-devops.aspx, accessed January 3, 2014.

The Dev
Innovates and creates applications.

DevOps disciplines
Integrate and automate processes.

CODE
BUILD
TEST
DEPLOY
OPERATE

The Ops
Keeps infrastructure running smoothly.

Sources: [1] Computer Associates, "TechInsights report: What smart businesses know about DevOps," https://www.ca.com/us/register/forms/collateral/techinsights-report-what-smart-businesses-know-about-devops.aspx, accessed January 3, 2014.

Introducing Tempo

WIDE RANGE OF AUTOMATION TOOL CAPABILITIES
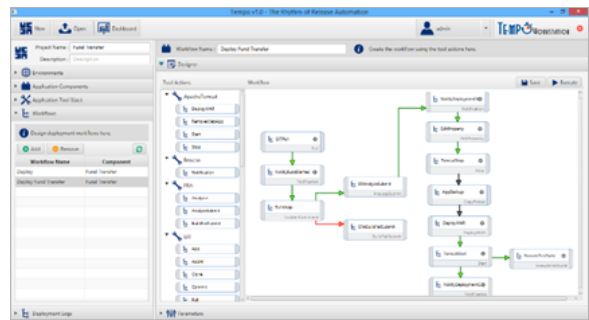
REALTIME INSIGHTS IN TO THE DEPLOYEMENT PIPELINE

INCLUSIVE SPAN OF AUTOMATION CAPABILITIES

**EASY NEW TOOL OR ACTION CREATION**

1

TEMPO

GRAPHICAL WORKFLOW DESIGNER

DSL based abstraction and Graphical Workflow Designer enables non-specialists to perform deployments.

The DSL behaves as an abstraction layer on top of the tools, eliminating the need for a broader spectrum of tool-specific knowhow.

DEEPER INSIGHTS INTO DEPLOYMENT PIPELINE

Provides execution dashboards with detailed logs to monitor and analyze the status of workflow executions across multiple environments.
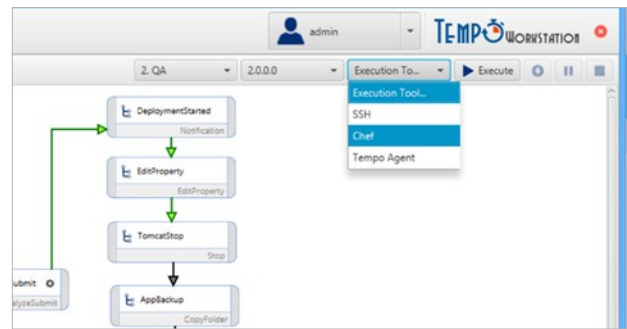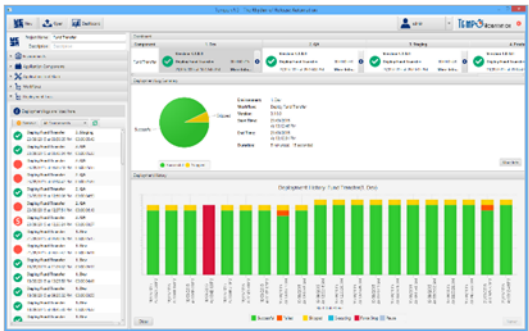
## EASY INTEGRATION INTO BEST-OF -BREED AUTOMATION TOOLS

Easily integrates into best-of-breed automation tools under Virtusa's Proprietary Automation Framework.

Promotes reuse of existing automation scripts with parameterization.

Enables switching between automations tools without re-engineering

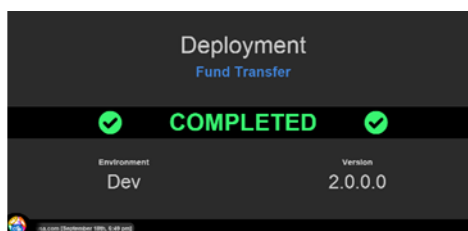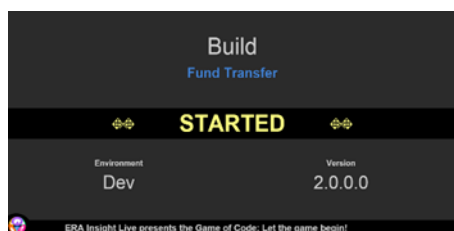## WIDER SPAN OF AUTOMATION CAPABILITIES

Virtusa's Proprietary Automation Framework facilitates an inclusive span of automation capabilities including web, desktop, shell, security agents and email.
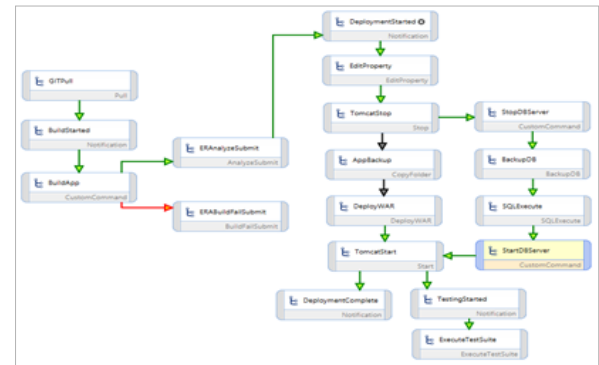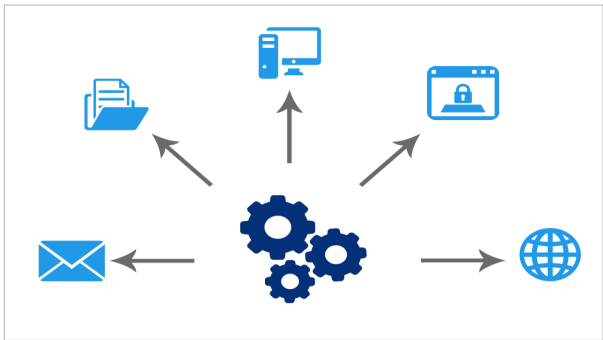
PARALLEL EXECUTION OF WORKFLOWS

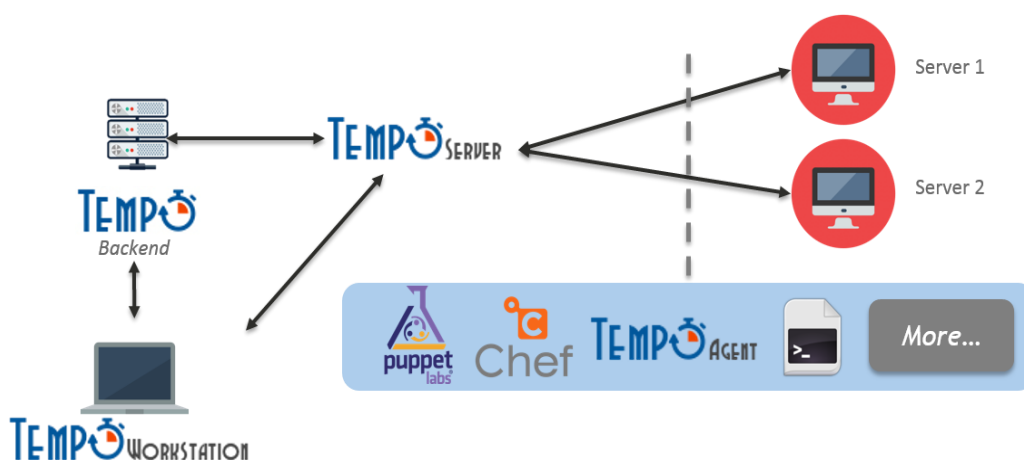Tempo facilitates parallel execution, reducing time consumption per workflow.

2

BEACON FOR TEMPO

High value, real-time insights

Monitor and analyze instant notifications and feedback.

TEMPO SOLUTION ARCHITECTURE

Tempo has three main components: the Workstation, the Backend, and the Server.

Tempo Workstation

Tempo Workstation helps design deployment workflows using a simple graphical interface. Further, Tempo creates custom workflow tasks, which are reusable and customizable. Unlike other tools, Tempo allows creating the workflow using a simple drag-and-drop tool. Tempo also enables you to define project environments, monitor workflow executions remotely, and log deployments.

Tempo Backend

Tempo Backend acts as the storage area for the machines, the environments, and the deployment workflows. In addition, the backend acts as the storage area for any other information.

Tempo Server

Tempo Server queries the backend for deployment workflow details and executes those workflows in the clients. Tempo supports a wide range of automation tools

Visit us at **www.eraplatform.com** or email us at **support@eraplatform.com**

Business Benefits

- Improves productivity and efficiency of IT resources

- Improves business agility by reducing the time taken to deliver features and applications

- Increases capacity for innovation across the enterprise

- Greatly reduces the deployment effort

- Reduces training time and resource costs

3

Other Virtusa SDLC Accelerators

Code Quality (Java, .Net etc)

Code Quality for Pega

Test Automation

Mobile Performance