## Key Differentiators

- DSL based abstraction and graphical workflow designer

- Integration into best-of-breed automation tools under the automation framework of Virtusa

- Customized Application Process Automation user interfaces

- Wider span of automation capabilities including web, desktop, shell, email and security
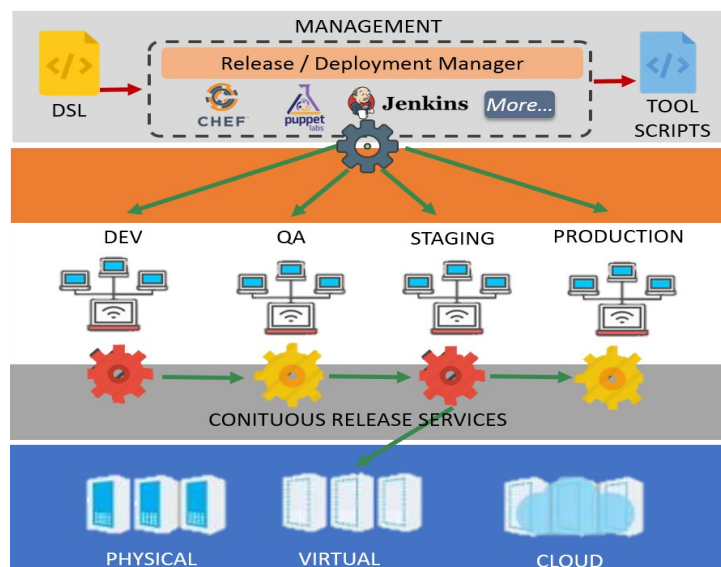
## Why Choose Virtusa?

- A broad range of IT services including:

  * Business consulting
  * Systems implementation
  * Application outsourcing

- Software Platforming approach that caters to improved business agility and lower total cost of ownership (TCO)

- Enhanced global delivery model with a best-in-class 15/85 on-site/offshore ratio

- Use of advanced methods such as Agile and ASD to reduce project risks and deliver quicker ROI

## Business Problem

Rapidly growing global market organizations need to produce innovative products and services faster and continuously, without interrupting the business processes. With the importance placed on greater agility and multi-tier integrations, organizations struggle to respond to market forces and to continuously deliver high-quality applications. Deployments of these multi-platform applications can include manual, rigid, and error-prone processes that lack repeatability and scalability, resulting in increased downtime. The traditional approach can slow down deployments leaving the teams waiting. Lack of visibility to control over configurations and application changes will lead to rework resulting in technical debt and missed opportunities. Delivery of these composite applications requires a highly repeatable and reliable deployment mechanism.

## Solution Overview

Tempo is a tool developed by Virtusa to automate deployments aimed at producing innovative products and services faster and continuously. It provides greater agility for multi-tier integrations and ensures continuous delivery of high-quality applications by automating deployments, and providing transparency and better control over the releases.

Further, Tempo helps create **intuitive versioned processes** and custom scripts, and provides the ability to deploy and rollback incremental changes in application packages. Tempo also increases the capacity for innovation across the enterprise and helps automate your application release processes. While aligning operations and development in a single platform, Tempo provides end-to-end visibility to get new products to market faster, without interrupting the business processes.

# How Does Tempo Work?

## Workflow Designer

Allows designing deployment workflows using a simple graphical interface. Creates reusable and customizable custom workflow tasks. Unlike other tools, instead of scripting, Tempo allows you to create the workflow using a simple drag-and-drop interface.

## DSL Script Generation

Converts the graphical designer workflows created by the workflow designer to an intermediate language (DSL). The intermediate language is independent of the tool as it acts as an abstraction layer.

## Automation Tool Script Generation

Converts the intermediate language (DSL), which contains an abstraction layer, to the automation tool script.

## Execution of Automation Tool Scripts

Executes the tool scripts in the remote machine. That is, Tempo will be using Chef, puppet, or any other tool to complete the execution.

## Define DSL using the Framework

Defines the toolbox and the tools, which include configuration parameters and script generation methodologies required by the supported automation actions for various automation tools such as Chef, puppet, and Ant.

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# Business Benefits

- Better agility of customer-facing IT services

- Better innovation cycle time

- Increases your capacity for innovation across the entire enterprise while balancing cost, quality, and risks.

- Reduced deployment effort

- Reduced resource costs

**About Virtusa**

Virtusa is a global information technology (IT) services company providing IT consulting, systems integration and application outsourcing. Virtusa focuses on simplifying IT by consolidating, rationalizing, and modernizing core customer facing processes into one or more core systems. We leverage a global delivery model to offer solutions at a cost effective price point and employ new methods such as Agile and Accelerated Solution Design methods to ensure that the right system is delivered the first time. As a result, organizations can reduce the cost of their IT operations while increasing their ability to meet the changing needs of the business.

For more information on how Virtusa can take your enterprise from where it is to where it needs to be, please contact salesinquiries@virtusa.com or visit us at www.virtusa.com

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