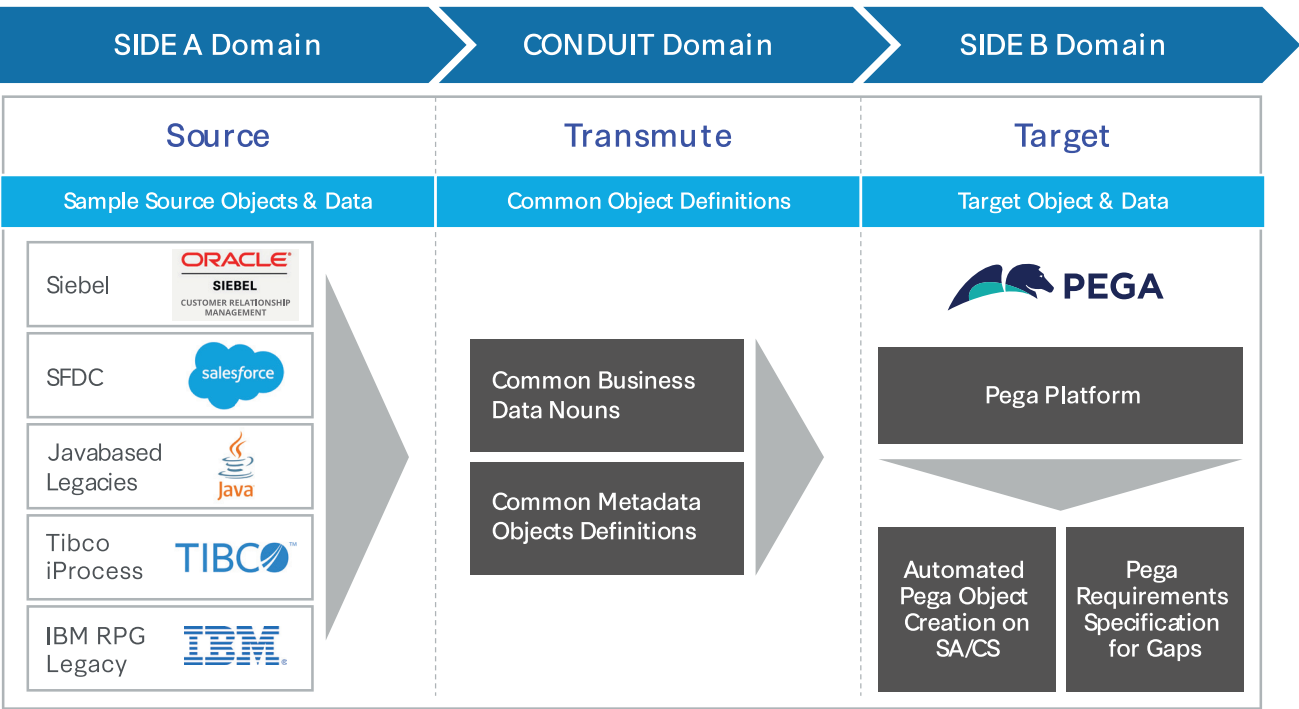virtusa

Virtusa's Conduit Technology

Overview

The enterprise application landscape is continuously changing. Getting "locked in" to a technology platform is a risk faced by many large organizations as they adapt existing systems or inherit them through acquisition. Many organizations become dependent on expensive legacy platforms with retiring support, or because of poor technology choices of the past. These platforms are often burdened with technical debt, can duplicate business functionality, and limit your organization's ability to evolve and grow at the speed your business demands.

Virtusa's Conduit technology helps you revive business areas where the technology has reached its maximum usefulness and needs to be retired to bring in other platforms. The solutions provided along with this technology speed the replacement of legacy technology in favor of a modern Pega Infinity™ platform. Using specialist tools and services, we automate the extraction of legacy functionality and then automatically translate these elements into the key constructs of a new Pega Infinity™ application.

These solutions put you in a position to harvest previous investment made in past systems and at the same time reduce the time, cost and risk of migration by up to 60%.

SIDE A Domain	CONDUIT Domain	SIDE B Domain
Source	**Transmute**	**Target**
Sample Source Objects & Data	Common Object Definitions	Target Object & Data

SIDE A Domain — Source	CONDUIT Domain — Transmute	SIDE B Domain — Target
Siebel — ORACLE SIEBEL CUSTOMER RELATIONSHIP MANAGEMENT	Common Business Data Nouns	PEGA
SFDC — salesforce	Common Metadata Objects Definitions	Pega Platform
Javabased Legacies — Java		Automated Pega Object Creation on SA/CS
Tibco iProcess — TIBCO		Pega Requirements Specification for Gaps
IBM RPG Legacy — IBM		

Solution Features

Discovery

- Configure the Conduit translation map for the source application platform
- Adjust the selected translation map to account for legacy customizations that fall outside the normal managed overlay of the source systems
- If an off-the-shelf Conduit translation map is not available for a source legacy platform, one will be created
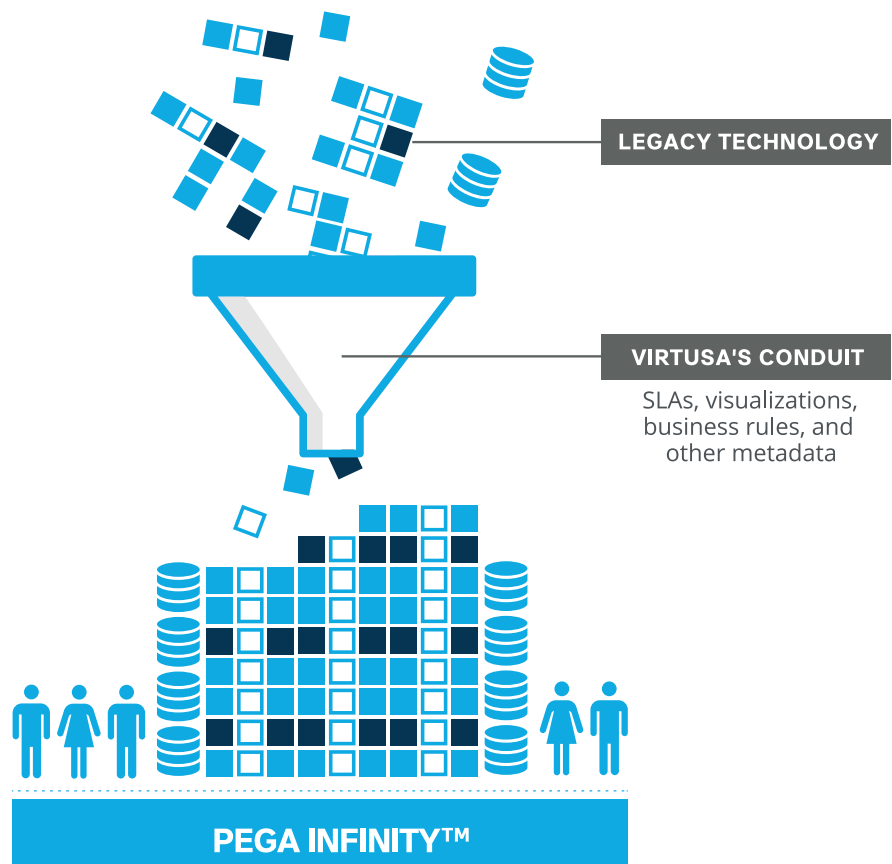
The Conduit Living Blueprint

- Read and extract source data through the configured translation app and create staging metadata for Pega app generation
- Convert the staging data into Pega classes, properties, flows, activities and other Pega application constructs including a UI outline
- Automatically create Pega Agile Workbench User Stories for gaps in functionality

Application Rationalization

- Prioritize and rationalize the backlog of application gaps with the rest of the working blueprint
- Rationalize existing application functionality with new Pega InfinityTM functionality that may replace or augment it
- Design and develop new application interface connectivity
- Complete development within the working blueprint to create a fully migrated Pega application
- Define customer data migration approach
- Define end-to-end deployment plan with dependencies

Our Solution

Virtusa's Conduit technology rationalizes the application migration process. The technology utilizes a central application conduit that uses off-the-shelf translation maps, created by Virtusa, for several source legacy platforms such as Salesforce, Seibel or Tibco. The application conduit translates source system meta data into a functioning Pega application blueprint.

LEGACY TECHNOLOGY

VIRTUSA'S CONDUIT

SLAs, visualizations, business rules, and other metadata

PEGA INFINITY™

vírtusa

For more information about Virtusa, write to: **salesinquiries@virtusa.com**

About Virtusa

Virtusa Corporation (NASDAQ GS: VRTU) is a global provider of Digital Business Strategy, Digital Engineering, and Information Technology (IT) outsourcing services that accelerate our clients™ digital transformation journeys. Virtusa serves Global 2000 companies in Banking, Financial Services, Insurance, Healthcare, Communications, Media, Entertainment, Travel, Manufacturing, and Technology industries.

Virtusa engages its clients to defend and grow their business by introducing innovative products and services, creating operational efficiency using digital labor, developing operational and IT platforms for the future, and rationalizing and modernizing their IT applications infrastructure.

Founded in 1996 and headquartered in Massachusetts. Virtusa has operations in North America, Europe, and Asia.