FLEXAGON
FlexDeploy ®

DevOps That Delivers: How a Global Fast-Food Icon Extended FlexDeploy from Oracle to IBM

Industry

Fast-Food

Environment

IBM Technologies

▶ **IBM Workload Automation (IWA)** – Custom implemented
▶ **IBM TRIRIGA** – Custom FlexDeploy plugin

Other Technologies

▶ **AWS Plugin** – For deploying Angular apps and Spring Boot services
▶ **JDBC** – For database connectivity and deployments

Oracle Technologies

▶ **ERP & Financials**
  Oracle EBS
  Oracle FSM
  Oracle EPM FCC
  Oracle EPM EDMCS
▶ **Analytics & Reporting**
  Oracle OTBI
  Oracle OAC
  Oracle OBI
▶ **Integration & Development**
  Oracle ODI
  Oracle OIC
  Oracle SOA
  Oracle OVB

Customer Overview

A global leader in the fast-food industry successfully implemented FlexDeploy for Oracle several years ago, realizing the benefits of automation,increased productivity, and improved compliance management. Building on that success, the organization took a strategic step to enhance enterprise-wide efficiency and streamline IT release operations. As part of this transformative journey, they extended their use of FlexDeploy to IBM products, including Tririga (Integrated Workplace Management System) and the IBM Workload Automation System.

The Challenge

The organization faced the challenge of managing and tracking changes and deployments across multiple technologies with complex dependencies and distributed teams. Disparate tools and inconsistent processes led to siloed operations, limiting collaboration and visibility.

The Solution

By implementing FlexDeploy, the company achieved a unified DevOps framework that integrated diverse IBM technologies. FlexDeploy's platform capabilities and generic plugins enabled automation of workflows and streamlined processes, eliminating manual bottlenecks and improving agility.

Key Highlights

Technology Automation: Although FlexDeploy does not offer out-of-the-box plugins for IBM Tririga and Workload Automation systems, the organization automated build and deployment processes by leveraging FlexDeploy's generic plugins and custom extensions. They achieved end-to-end automation without limitations.

Holistic Integration: FlexDeploy facilitated integration with Git for source control, ServiceNow for production control approvals, and Jira for issue and task management, creating a connected ecosystem and supporting cross-functional collaboration.

Visibility and Compliance: The auditable pipelines built in FlexDeploy provided visibility into the full software delivery lifecycle. This improved transparency, supported regulatory compliance, and reinforced segregation of duties.
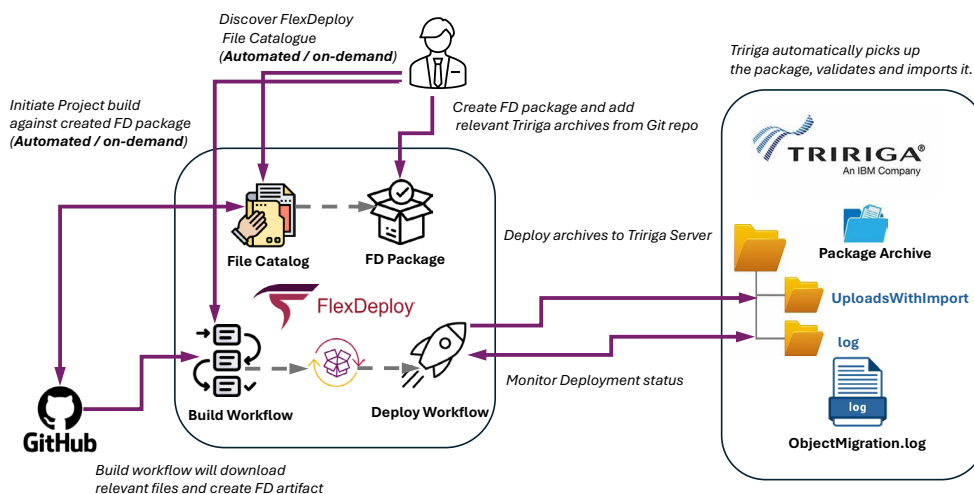
Results

Through this strategic adoption of FlexDeploy, the organization experienced significant gains in automation, compliance, and overall operational efficiency. The unified DevOps implementation created a centralized platform for managing development and delivery across the enterprise IT landscape, establishing seamless coordination and continuous innovation.

These improvements eliminated redundancy and streamlined operations, driving greater efficiency and collaboration across teams.

In conclusion, this successful custom DevOps implementation for IBM technologies underscores FlexDeploy's ability to support digital transformation and operational excellence in highly complex, large-scale environments. By leveraging out-of-the-box capabilities and extensibility, the company enhanced efficiency and streamlined processes across its IT organization.

Key Benefits

▶ Unified DevOps framework across Oracle and IBM technologies

▶ Full automation of complex, multi-platform deployments

▶ Custom plugins and integrations for non-standard systems

▶ Streamlined release processes with fewer manual steps

▶ Improved visibility and auditability across environments

▶ Stronger compliance through segregation of duties

▶ Enhanced collaboration via integrated tools (Git, JIRA, ServiceNow)

▶ Faster delivery cycles and reduced risk of deployment errors

▶ Scalable approach extended from Oracle to broader IT ecosystem

Technology Deployment Automation using Custom Workflows

Discover FlexDeploy File Catalogue (*Automated / on-demand*)

Initiate Project build against created FD package (*Automated / on-demand*)

Create FD package and add relevant Tririga archives from Git repo

Tririga automatically picks up the package, validates and imports it.

File Catalog

FD Package

FlexDeploy

Deploy archives to Tririga Server

Build Workflow

Deploy Workflow

Monitor Deployment status

GitHub

Build workflow will download relevant files and create FD artifact

TRIRIGA® An IBM Company

Package Archive

UploadsWithImport

log

ObjectMigration.log

Learn More About FlexDeploy
www.flexagon.com

About Flexagon

Flexagon™ is the exclusive provider of a comprehensive, integrated DevOps platform that tames enterprise platform complexity. We make it simple for global leaders such as Caterpillar®, Heathrow and Queensland Government to drive continuous innovation through secure, quality software— achieving more customer value at lower cost with less risk. Learn more at **flexagon.com**

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