SERVICE PROVIDERS CHOOSE CROSSVALE TO IGNITE OPERATIONAL EFFICIENCY

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COMPANY	Large National Bank	Integrated Telecommunications Provider	International Technology Solutions Provider
INDUSTRY	Banking and Finance	Telecommunications	Travel and Hospitality
PROBLEM	Lack of common and consistent view of customer data, regardless of access method. Requirement for integration of external 3rd party systems into on-line banking functionality.	A routing solution to offer new products to costumers had been built on the community version of Wildfly and Drools. Support was needed for enterprise versions of these products.	CI/CD Infrastructure and process implementation required to speed up Time To Market (TTM) for new features.
SOLUTION	• Integration tier to provide **single point of contact for access** to functionality: Single protocol, transport, and security model. • Use of migration tracking system to determine where accounts were located and consistent data model, regardless of back end system. • External third party **systems integrated through services layer** and exposed along-side internal system functionality.	Migration to: • Red Hat JBoss Enterprise Application Platform (EAP) • Decision Manager Two stand alone instances of **Decision Manager running on EAP** created and placed behind a reverse proxy and load balancer in order to provide redundancy.	• Creation of **Red Hat OpenShift cluster on AWS.** • Provisioning and **set up of CI/CD** infrastructure using Jenkins, Nexus 3 and SonarQube. • Provision of templates to configure ssh keys and pipelines. • Creation of standard and **best practice** processes. • Provision of pluggable module, adaptable to any application/microservice e.g. NodeJS • Training in new CI/CD process.
SUCCESS SUMMARY	• **Integrated source of online and mobile banking functionality.** • No rework required in online banking platform during customer and account migration to new core banking system. • **Reusable microservices** increasingly incorporated into other banking channels.	• A documented solution that can be r**eplicated or scaled as necessary i**n future versions of the application. • Enterprise support from Red Hat.	• **Improved quality of software deployments and testability of code.** • Increased frequency of code deployment with smaller increments. • Increased transparency and visibility of work. • More rapid feedback loop. • **Fully integrated environments** to debug and test applications in the same conditions they will be used when released.
BENEFITS	• Cut five-year total cost of ownership (TCO) by 40%.	• Support for mission-critical applications.	• Development, test and production infrastructure provisioned in minutes, rather than days. • Fully automated validation and deployment in minutes with zero-downtime.