**DEVOPS IMPLEMENTATION IN I-SERIES FOR A LEADING GLOBAL BANK HEADQUARTERED IN UK**

**Abstract:**

Client is one of the world's largest banking and financial services organizations. There are 38 million customers served through four global businesses: Retail Banking and Wealth Management, Commercial Banking Global Banking and Markets, and Global Private Banking. Client is present across 6 countries and territories in Europe, Asia, the Middle East and Africa, North America and Latin America. Our Company has partnered with the client and successfully cascaded DevOps Culture to the bank and implemented DevOps practice resulting in increase of Bank's Ability to deliver application and services at high velocity, bringing in more stable operational environment, Enabled Faster time

**Challenges:**

Enormous monolithic application built over 25 years and across geographies with local customizations. Humungous design constraints due to tight coupling of monolithic blocks of procedural code Lack of adequate SME for DevOps tools and the software did not support customized code in bank Lack of robust and standard/tested approach for DevOps transition in around 20+ countries Changing the mindset of the various stakeholders was also a big challenge. Lot of resistance from various teams to move to DevOps culture due to reluctance to change.

**Approach:**

Close co-ordination with product vendor & client teams for seamless integration of DevOps tools and decommissioning of existing source control manager Creation of ARCAD repository build from production code baseline Migration of source code from iSeries to RTC & deliver to site specific production project streams Setup of RTC as an application lifecycle manager and integrating it with other DevOps tools Exhaustive trainings conducted on deployment, release management to entire team Deployment of DevOps practitioners to the teams. Establishing feature teams

**Benefits Demonstrated:**

Automated workflow for task assignment, tracking, reviews and traceability 20% increase in productivity for the development track and improved quality from use of DevOps tools Release management track saw a significant effort reduction of 80% MVP ready to be business tested every 2 sprints/fortnightly People & process moved from waterfall mode to DevOps mode enabling enterprise agility, seamless integration of development, operations and quality team is achieved All teams are unified to achieve org's common goal Deployment of DevOps in 20+Countries

**Learning and Experience:**

Changing the mindset of team’s members to adopt agile and DevOps is much critical than tool adoption. This can only work if the entire team comes together with a zeal to implement it

Using RTC instead of JIRA as an ALM tool brought in a seamless integration with RDI and

‘ARCAD