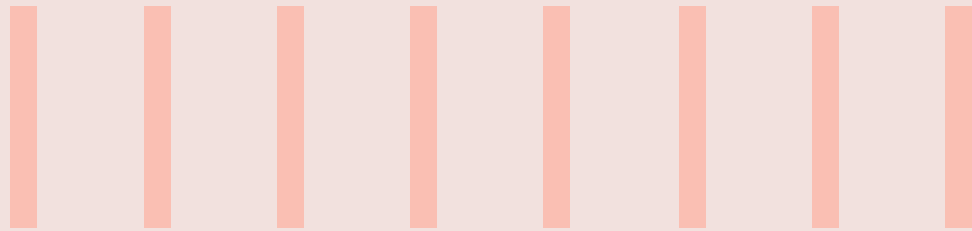




DEVOPS IMPLEMENTATION IN I-SERIES FOR A LEADING GLOBAL BANK HEADQUARTERED IN UK



The background of the slide features a close-up, slightly blurred view of Indian currency. In the foreground, there are several stacks of gold coins, likely 1000 Rupee coins, arranged in a row. Behind them, various Indian banknotes are visible, including a 100 Rupee note in green and yellow, and a 500 Rupee note in blue and grey. The lighting is soft, highlighting the metallic texture of the coins and the intricate patterns on the banknotes.

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 66 countries and territories in Europe, Asia, the Middle East and Africa, North America and Latin America.

Infosys 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 to market thus improving ROI, Reduced Release cycle times and brought in tremendous Effort reduction.



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



Infosys 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



Learnings and Experience

- Changing the mindset of teams 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

For more information, contact askus@infosys.com



© 2019 Infosys Limited, Bengaluru, India. All Rights Reserved. Infosys believes the information in this document is accurate as of its publication date; such information is subject to change without notice. Infosys acknowledges the proprietary rights of other companies to the trademarks, product names and such other intellectual property rights mentioned in this document. Except as expressly permitted, neither this documentation nor any part of it may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, printing, photocopying, recording or otherwise, without the prior permission of Infosys Limited and/ or any named intellectual property rights holders under this document.