Warehouse RFID Database Cloud Migration

SERVICE PLATFORM TRANSITION: RFID READERS DATABASE MIGRATION FROM ONSITE TO CLOUD

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1

Initiation Phase

- Build a change Team.
- Create a business case
- Establish change scope.
- Conduct Impact Assessment: Positive and Negative

2

Change Scope and Business Case

Change Scope: Migrating RFID read database from an in-house server to a Cloud Database

Business Case: limited storage space in our in-house server. increased scalability, cost-efficiency, and accessibility.

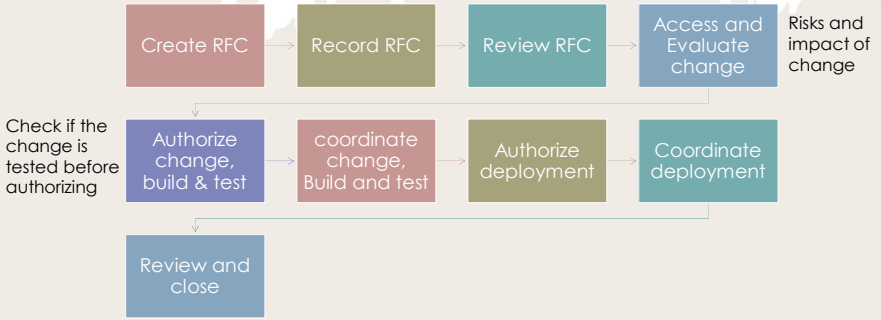
3

Planning Phase

- Procure a Budget
- Develop a change plan for managing resistance, communication plans, training programs, and risk mitigation strategies.
- Risk Assessment: Identify potential risks and challenges associated with the migration process and develop mitigation plans to address them.
- Engage Stakeholders: Involve stakeholders in the planning process to gain their buy-in and address any concerns or resistance early on.

4

Execution phase: Manage and Track Changes



5

Before Authorizing Deployment

PILOT TESTING: CONDUCT PILOT TESTING OF THE MIGRATED DATABASE IN THE CLOUD ENVIRONMENT TO IDENTIFY ANY ISSUES OR PERFORMANCE BOTTLENECKS BEFORE FULL DEPLOYMENT.

ROLLOUT PLAN: DEVELOP A PHASED ROLLOUT PLAN TO MINIMIZE DISRUPTION TO OPERATIONS AND ENSURE A SMOOTH TRANSITION TO THE NEW ENVIRONMENT.

During Deployment

PROVIDE ONGOING SUPPORT TO USERS DURING THE DEPLOYMENT PHASE AND ENCOURAGE THEM TO PROVIDE FEEDBACK ON THEIR EXPERIENCES WITH THE NEW SYSTEM.

6

CSF and KPI

Ensure that data remains secure and intact throughout the migration process and after deployment in the cloud environment.	• Data Security Compliance: Measure compliance with data security standards (e.g., GDPR, HIPAA) before and after migration. • Data Loss Rate: Track the rate of data loss or corruption during the migration process. • Security Incidents: Monitor the number and severity of security incidents related to the migrated database in the cloud environment.
Minimize downtime and disruption to business operations during the migration process and after deployment in the cloud environment.	• Downtime Duration: Measure the duration of downtime during the migration process and compare it to the planned downtime window. • System Availability: Track the availability of the database system in the cloud environment post-migration, ensuring it meets or exceeds agreed-upon service level agreements (SLAs). • User Satisfaction: Solicit feedback from users to assess their satisfaction with the migration process and its impact on their workflow.

7

Post Deployment

01

PERFORMANCE MONITORING: MONITOR THE PERFORMANCE OF THE DATABASE IN THE CLOUD ENVIRONMENT, TRACK AND MANAGE ONGOING INCIDENTS AND CHANGES TO ENSURE IT MEETS THE ORGANIZATION'S REQUIREMENTS AND EXPECTATIONS.

02

CONTINUAL SERVICE IMPROVEMENT: IDENTIFY OPPORTUNITIES FOR IMPROVEMENT BASED ON FEEDBACK FROM USERS AND PERFORMANCE METRICS, AND IMPLEMENT CHANGES AS NECESSARY TO OPTIMIZE THE SYSTEM.

03

CELEBRATE SUCCESS: RECOGNIZE AND CELEBRATE THE SUCCESSFUL COMPLETION OF THE MIGRATION PROJECT, ACKNOWLEDGING THE EFFORTS OF THE PROJECT TEAM AND STAKEHOLDERS.

8