



JOINT CONTINGENCY AND EXPEDITIONARY SERVICES (JCXS) CLOUD READINESS ASSESSMENT

“Joint Contingency and Expeditionary Services (JCXS) division of Defense Logistics Agency (DLA) provides Department-wide secure sourcing capability and ensures visibility and transparency across multiple platforms for strategic decision making”

PROJECT OVERVIEW

Joint Contingency and Expeditionary Services (JCXS) division of Defense Logistics Agency (DLA) provides Department-wide secure sourcing capability and ensures visibility and transparency across multiple platforms for strategic decision making.

JCXS had various strategic goals, including assessing the readiness and then migrating some of their applications to the cloud:

- J6 (CIO) - Keep Information Technology (IT) systems and services current, fully operational/mission capable, agile, secure, compliant, and available for users in day-to-day operations.
- J6C (ESMC) – Cultivate program and technology improvements that enhance capability, while maintaining system availability, agility, compliance and security.
- Ensure timely development/deployment of scheduled program releases achieving milestones.

OUR APPROACH

Zenius consultants created a cloud readiness assessment process, which is a subset of portfolio assessment. They conducted a series of technical workshops with the JCXS government and contractor teams to explore migration options/approaches to move off the current Government Furnished Environment (GFE) and on to a commercially available or government provided cloud-based environment. The workshops sought to clearly define both the cross-functional and domain-specific data and process challenges to moving to a commercially managed cloud-based development and test environment. The goal was to generate information to develop a feasibility study of the migration. Workshops were held in the Washington, D.C. metro area at the UNCLASSIFIED level.

Workshop	Purpose
Initiation	Understand the current environment, business needs, and to-be requirements
Architecture & Design	Define the technical solution of the target environment
Solution Review	Finalize the solution and prepare for implementation

Key expected outputs included:

- Approach for the migration of users and System (data, software, and source code)
- Requirements for the target environment
- Technical Architecture and Design of the end-state Infrastructure
- Detailed list of opportunities, challenges and risks with the migration

- List of potential short-term wins and long-term advances that would benefit JCXS addressing contingency needs
- Final workshop report to be used for strategic planning efforts by government agencies, customers, and stakeholders with a vital interest in the future of the JCXS
- Zenius SME support to ongoing data center migration planning and coordination efforts

Zenius cloud migration methodology includes planning, data collection and verification, data analysis and opportunity identification. The following figure depicts all the subtasks in each phase of migration.

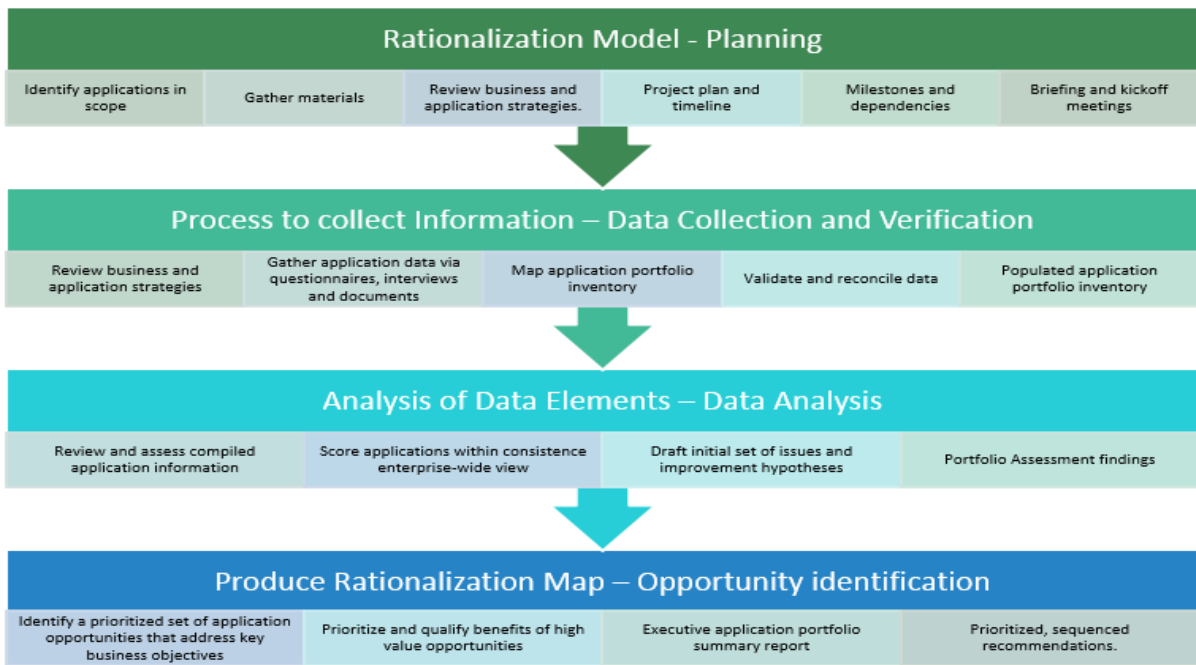


Figure 1: Cloud Migration Methodology

JCXS program’s cloud readiness assessment consisted of 3 steps: Workshop 1, Workshop 2, and the Final Report as shown in the Figure 2.

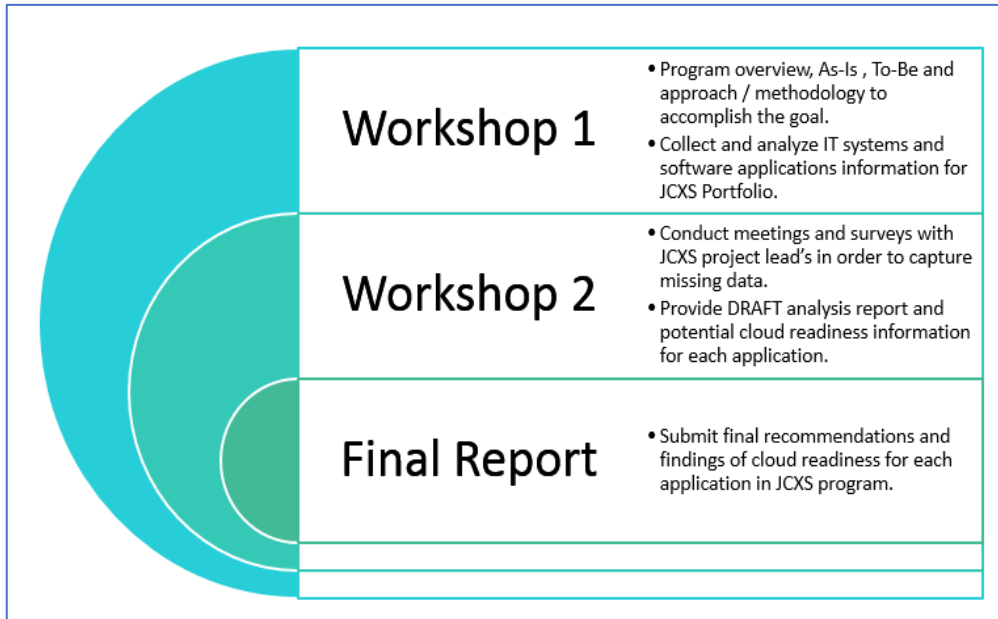


Figure 2: Cloud Readiness Assessment Process

Figure 3 depicts Zenius’ common methods and approaches to application migration.

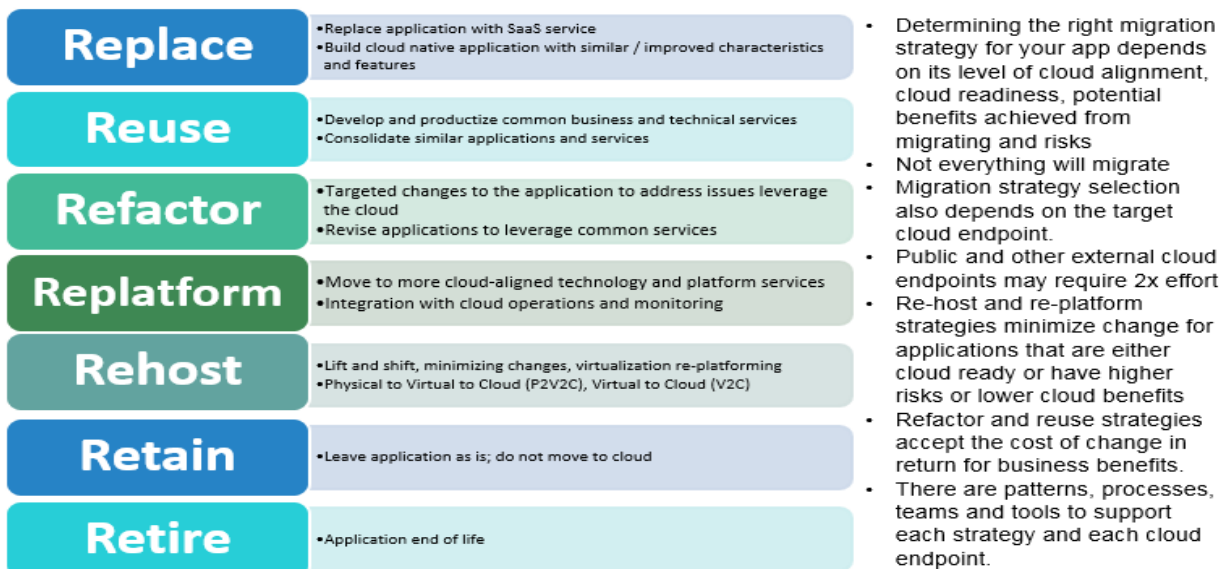


Figure3: Application Migration Common Methods and Approaches

There are always enterprise constraints when migrating to cloud. Figure 4 highlights some of those common constraint scenarios.

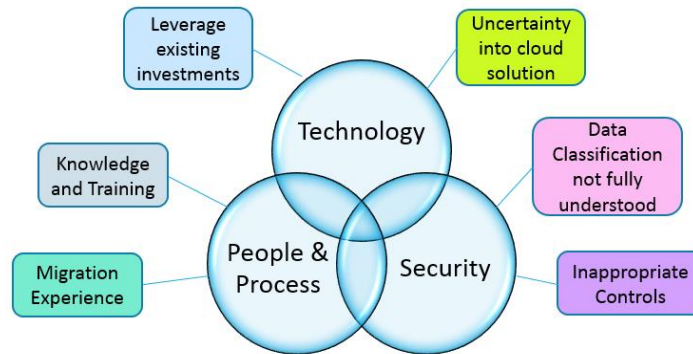


Figure 4: Enterprise constraints when migrating to cloud

BENEFITS REALIZED

Zenius successfully completed the planning and conducted the Workshops to provide data collection templates to stakeholders. After collecting all the data and performing their analyses, they verified the results with the stakeholders and published their findings to the JCXS program manager. The final results showed the percentage of cloud readiness for each application in the portfolio and showed a resulting \$250K of savings to the JCXS program, improved scorecard results, and documented readiness by application for migrating to the cloud.



EMPOWERING BUSINESS THROUGH DIGITAL INNOVATION AND TRANSFORMATION

Contacts:

Prasanna Amitabh, x700

Sam Reddy, x701

1-(855)-ZENIUSC

www.zeniuscorp.com

info@zeniuscorp.com

305 Harrison St SE #200C1

Leesburg, VA 20175

Copyright © 2016 Zenius Corporation. All rights reserved.

Copy and Re-production of the content is strictly prohibited while open for use with source citations.