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## CS TAT Success Story

### JEDMICS Acceptance Testing

<b>Customer:</b>	Joint Engineering Data Management and Information Control Systems Program of Record (JEDMICS)
<b>Challenge:</b>	Migrate JEDMICS into and host in AWS GovCloud Environment.
<b>Approach:</b>	<p>In September 2022, the Peraton Team successful completed the migration of NAVAIR and Air Force JEDMICS production environments that were hosted at Naval Air Station Patuxent River and Robins Air Force Base (RAFB) to the NAVAIR AWS GovCloud environment. The NAVAIR JEDMICS system was the first Logistics Information Technology (LOG-IT) system to be migrated to the cloud and was a major milestone for the Aviation Logistics Environment (ALE) in building an infrastructure-agnostic platform and services solution to integrate specific modernized and legacy applications. The Peraton team, working with the NAVAIR Cloud Broker, configured the environments, supported the Authority to Operate (ATO) process to get Oracle products used by JEDMICS approved for use in the environment, coordinated stakeholder testing and performed the migration of data and images. The team also needed to develop new procedures to transform the database to operate on Red Hat Enterprise Linux (RHEL) OS from Solaris OS. The team also developed procedures to continually update new images from legacy environment to AWS cloud environment using AWS S3 bucket. This procedure reduces downtime while final migration was occurring.</p>
<b>Value:</b>	<p>The JEDMICS PMO estimates by migrating the joint test environment and the transition to cloud hosting will result in a savings of approximately \$200K across the Air Force and NATEC JEDMICS sites in FY23.</p> <p>Additionally, the JEDMICS migration provides a roadmap for other LOG-IT application to move to cloud and should provide a cost savings for those applications.</p> <p>The migration also supports ALE modernization goals to allow the JEDMICS application to be deployed using secured hardened containers (e.g., Cloud Native Computing Foundation (CNCF) Kubernetes compliant) to support providing capabilities faster to the fleet.</p>

CS TAT is operated by Peraton under contract FA8075-16-D-0008.

*Note: The CS TAT prime contractor submitting the Success Story must confirm that the content/information included in its submission is for public release and provide a confirmation statement when submitting the success story to the DoD IACs PMO.*

**Important Note: Please include your own high-resolution (300 dpi) picture cropped and formatted to fit into space above.**