

Managing the cost of data in an increasingly-regulated US Aerospace industry

A foreword for the Aerospace Industry to a general-industry white paper exploring the risks and opportunities presented by privacy legislation and regulatory controls on IT data management costs

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Executive Summary

The Aerospace industry is under constant pressure to move to NextGen infrastructure. Within IT Operations, the pace of change leaves multiple generations of production systems resting on a mix of platforms. Data history stored in sunset applications is at risk due to loss of support skills. Older systems have a higher cost per user than modern production systems, yet data retention makes decommissioning a complex undertaking. A business-centric, digital solution for data history access, management and compliance will reduce risk, operational cost and increase efficiency.

Some Key Issues

ITAR – Failure to comply means the loss of export privileges and heavy fines. Corporations identified as ‘risk’ are subject to frequent audit review at the corporation’s expense. Public notice of failure can damage corporate reputations.

AS9110 – Failure or misrepresentation can incur criminal penalties at any point within the supply chain or manufacturing process. The US Dept. of Defense Inspector General’s office audit history reveals multiple certified manufacturers failing to meet compliance standards.

Root Cause – Root Cause Analysis is reactive and unpredictable. It can interrupt the workflow efficiency of manufacturing operations.

Opportunities for Cost & Risk Avoidance

- Re-platform data from legacy systems that are vulnerable to breach, without reinventing the wheel.
- Upgrade data accessibility for audit reporting and compliance.
- Reduce dependency on structured query tools as a backstop for data inquiry for outdated applications.
- Consolidate the view of data history to track components across multiple assemblies for OM&R
- Empower the business user with data governance and compliance to release IT to more strategic tasks.

“In the beginning it was difficult to picture a solution that could potentially be applied to all our legacy archiving needs. Within three months it was apparent that we had found our global solution for legacy applications. If we want to go to the cloud or swap our ERP system or just rationalise our estate, DataNovata is now our Go-To-Solution”. CIO – Aerospace Customer

Aerospace is already one of the most heavily-regulated industries in the world. New amendments to general privacy data regulation such as those legislated in the EU, will place even greater burden on aviation and aerospace industry manufacturers.

For more details download the complete white paper here: [‘Managing the cost of data in an increasingly-regulated IT environment’](#)

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