STICKING THE LANDING

Aerospace leader swaps legacy infrastructure for modern, agile cloud platform while saving money

DXC.technology | ORACLE® Platinum Partner

Overview

As a leading global aerospace and defense manufacturer, this customer is accustomed to managing complex projects and initiatives. In pursuit of innovation over the years, however, they added more and more complexity to their legacy Oracle environment. Eventually, this legacy infrastructure — hardware, software, operating systems, and networks — grew cost-prohibitive and unwieldy. What was once a solution had become a barrier to business agility and market competitiveness.

Challenges

Cost and complexity thwarting innovation

1 The aerospace leader knew their legacy portfolio represented a significant business risk, as software became obsolete and key infrastructure components approached end-of-life and were no longer eligible for manufacturer support.

2 Costs were also escalating, as support costs grew and equipment became more expensive to repair, upgrade, and replace.

3 The company had a bold vision — to modernize their environment and build an agile, cost-effective computing environment to support existing and future projects. This environment would scale to support peaks in business demand and serve as a platform for digital transformation and emerging technologies such as AI and IoT.

4 Standing in the way of this vision were budgetary constraints. Faced with competitive market pressures, the company had no incremental funding available to transform their legacy infrastructure.

5 The customer engaged DXC, their long-time Oracle integrator, to help overcome these obstacles and help create a long-term roadmap for digital transformation.

Solution

Finding cost savings to fund transformation

DXC began by holding a **one-day Envision Workshop** with the customer executive team, designed to help clarify strategies, prioritize actions, and set desired outcomes. As a result, DXC recommended a comprehensive solution to stabilize, upgrade, and modernize infrastructure while helping the customer build a long-term technology roadmap.

DXC then undertook the most important short-term task — **removing costs from the customer's current legacy infrastructure.** This required a complete audit of the customer's hardware and database infrastructures.

The audit uncovered significant opportunities for savings, including SPARC servers that could be decommissioned, computing resources to consolidate, and licenses that could be retired or replaced with more cost-effective options.

The discovery process also provided insight into which applications could easily be migrated to a new platform **with minimal risk**, which would require more than a simple 'move and improve,' and which should be left on legacy platforms in the short term.

Partnering with Oracle, the DXC team designed a multi-year 'evergreen' solution for the customer, combining on-prem and cloud resources to create a **high-performance hybrid infrastructure** to meet the client's specific IP and security requirements. The solution, incorporating a range of DXC managed service offerings, minimized the customer's capital spending requirements and also reduced the management burden of existing IT resources.

Finally, DXC collaborated with Oracle to create a favorable financial model for the customer. This model delivered significant short-term cost savings to the aerospace leader, while **dramatically reducing capital expenditures** and providing short-term operational savings. The evergreen nature of the model meant that the customer would benefit from refreshed, **leading-edge technology** over the long term, and only need to make additional investments as their business grows.

Benefits

A modern platform for innovation — for less money

- DXC was able to deliver significant savings for the customer, first by taking costs out of the legacy portfolio early in the process, then by building a flexible, OPEX-based payment model. These two initiatives combined to dramatically lower capital spending, with a forecasted positive five-year ROI exceeding $10M. Viewed in its entirety, the customer's transition to a new, modern platform, was, in effect, self-funding.

- Transitioning to the new platform reduced the customer's business risk associated with their former outdated environment. At the same time, the modern platform delivered unprecedented agility, allowing the customer to quickly roll out new systems and applications in response to fast-moving market opportunities.

- Perhaps most critically for the customer, the new digital platform will serve as the foundation for emerging technologies such as automation, artificial intelligence, and the IoT. And, given the evergreen nature of the DXC solution, the infrastructure will be continually upgraded to meet new technical and market demands.

- With DXC's help, the aerospace leader was able to consolidate and simplify their infrastructure across the spectrum — including hardware, databases, OS, and security. By employing DXC managed services, the customer was also able to streamline operations and management, freeing up IT resources to pursue other strategic initiatives.

- The new infrastructure also supported cloud-based applications capable of collecting unprecedented amounts of real-time data and leveraging analytics to provide deep market, customer, and operational insights.

- For the aerospace giant, the value of the DXC engagement went well beyond savings. By adding up all the pieces of digital transformation — cost reduction, capital preservation, the creation of a modern, agile estate and a platform for future innovation — DXC is partnering with this customer to improve their competitiveness and maintain their leadership in the aerospace industry.

How DXC Can Deliver Your Successful Modernization

DXC's Oracle modernization solution enables you to preserve and leverage your Oracle investment by migrating and managing Oracle custom and legacy applications on a certified cloud platform, all from a single provider and with a single point of accountability.

DXC Technology's transformation services for Oracle Cloud provide:

- A pathway to help enterprises understand the complexities that come with moving workloads to the cloud

- The most suitable architecture on Oracle's cloud platforms to meet all workloads and SLAs

- A standard and repeatable methodology using industry-leading migration and application-specific tools

- DXC sizing and estimator tools ensure faster turnaround of proposals and quotes

- Consistent mechanism to orchestrate and provision infrastructure across environments

- Continuous improvements — planning to operations

- Mitigation of risks associated with hybrid architecture design, timelines, governance, security vulnerabilities, financial-model planning, skills, staffing, and business continuity

Learn more about building your modern Oracle platform. Contact:

DXC.technology | **ORACLE** Platinum Partner

Harvey Maddocks
DXC Global Oracle Offering Sales Leader
hmaddocks@dxc.com

+44 (0) 7710 181315