



CASE STUDY:

Data Archiving for S/4HANA Migration Preparation

Airgas, Inc. is a leading supplier of industrial, medical, and specialty gases, as well as hard goods and safety products.

To address the growing data volume in the company's system, Auritas implemented a phased-approached advanced data archiving plan. Leveraging insights into the database with Data ASSIST, it was able to reduce the original 11.8TB database to a manageable 2.5TB, a 79% size reduction. This substantial decrease not only expedited the migration process by minimizing the volume of data to be transferred but also resulted in significant cost savings. The cumulative savings for AirGas from this archiving project surpassed \$2M.

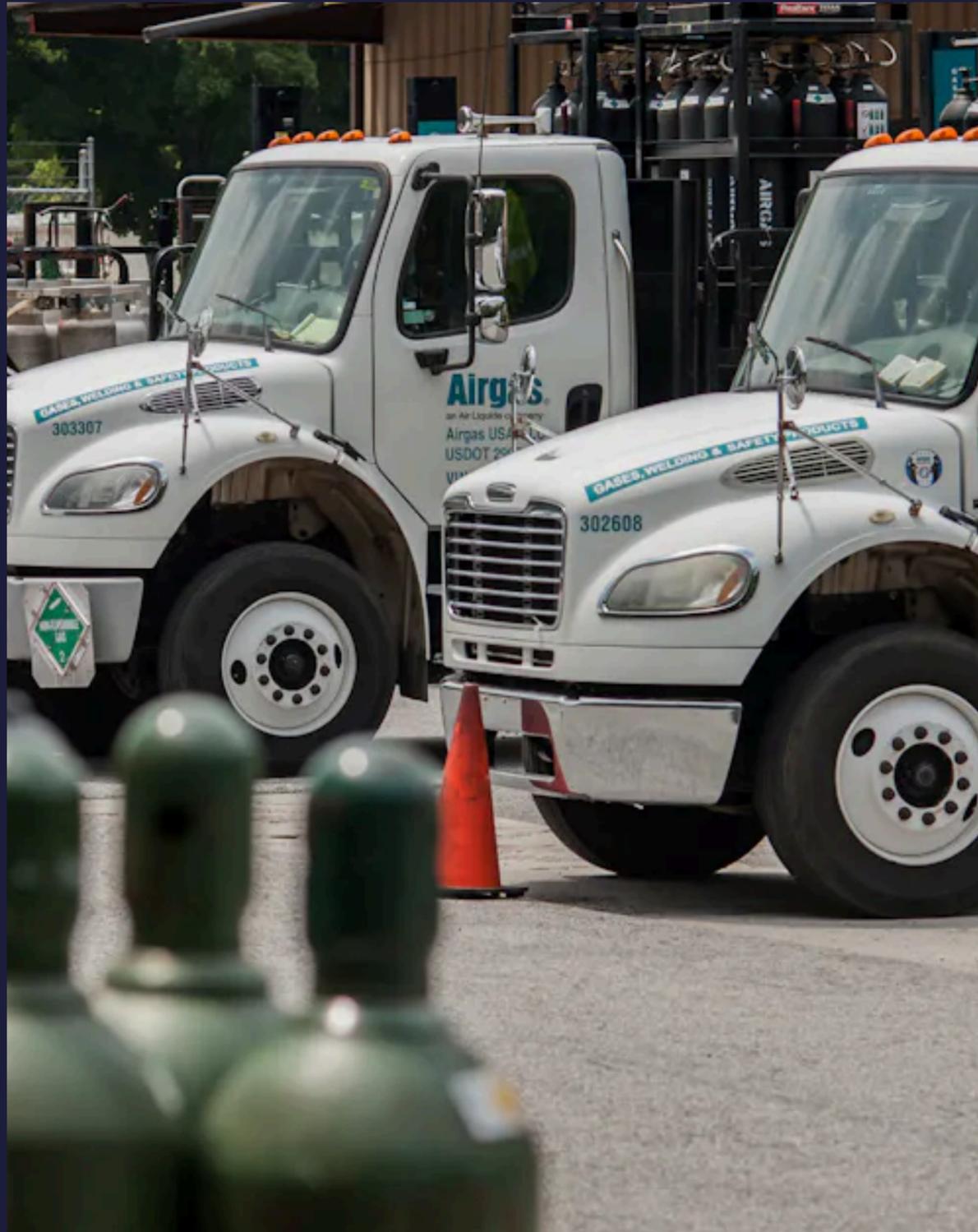
The image shows a large white industrial tank with the "Airgas" logo in a large, bold, blue font. Below the logo, it says "an Air Liquide company" in a smaller, black font. In the top right corner of the tank, there is a small SAP Gold Partner logo. At the bottom of the tank, there is a diamond-shaped hazard label with the numbers "3" and "0" in blue and yellow, and the text "OX" below it. Below the hazard label, there is a white rectangular label with the text "LIQUID OXYGEN" and other smaller text.

About Airgas

Airgas, Inc. is a leading supplier of industrial, medical, and specialty gases, as well as hard goods and safety products.

With a substantial revenue of \$5.3 billion and a remarkable revenue growth of 226.22% from 2000 to 2016, Airgas demonstrates significant market presence and financial stability. The company employs 18,000 people around the globe.

Airgas[®]
an Air Liquide company



The Challenge

Airgas, a long-standing partner of Auritas, has been experiencing significant business growth, which necessitated an optimized data footprint for a seamless migration to S/4HANA. Having previously worked with Auritas on successful data archiving projects, AirGas sought our expertise once more for this critical transition.

In pursuit of an optimized and cost-effective migration to S/4HANA, Airgas needed to address its substantial data footprint, which was growing at an average rate of 6% annually. The large size of their production database, which stood at 11.8TB, posed significant challenges in terms of migration duration, potential business disruptions, and associated costs.

By collaborating with Auritas, Airgas aimed to streamline the migration process by reducing the volume of data to be transferred. This strategic initiative was critical to ensure minimal business interruptions and cost savings while transitioning to the new system.



The Solution

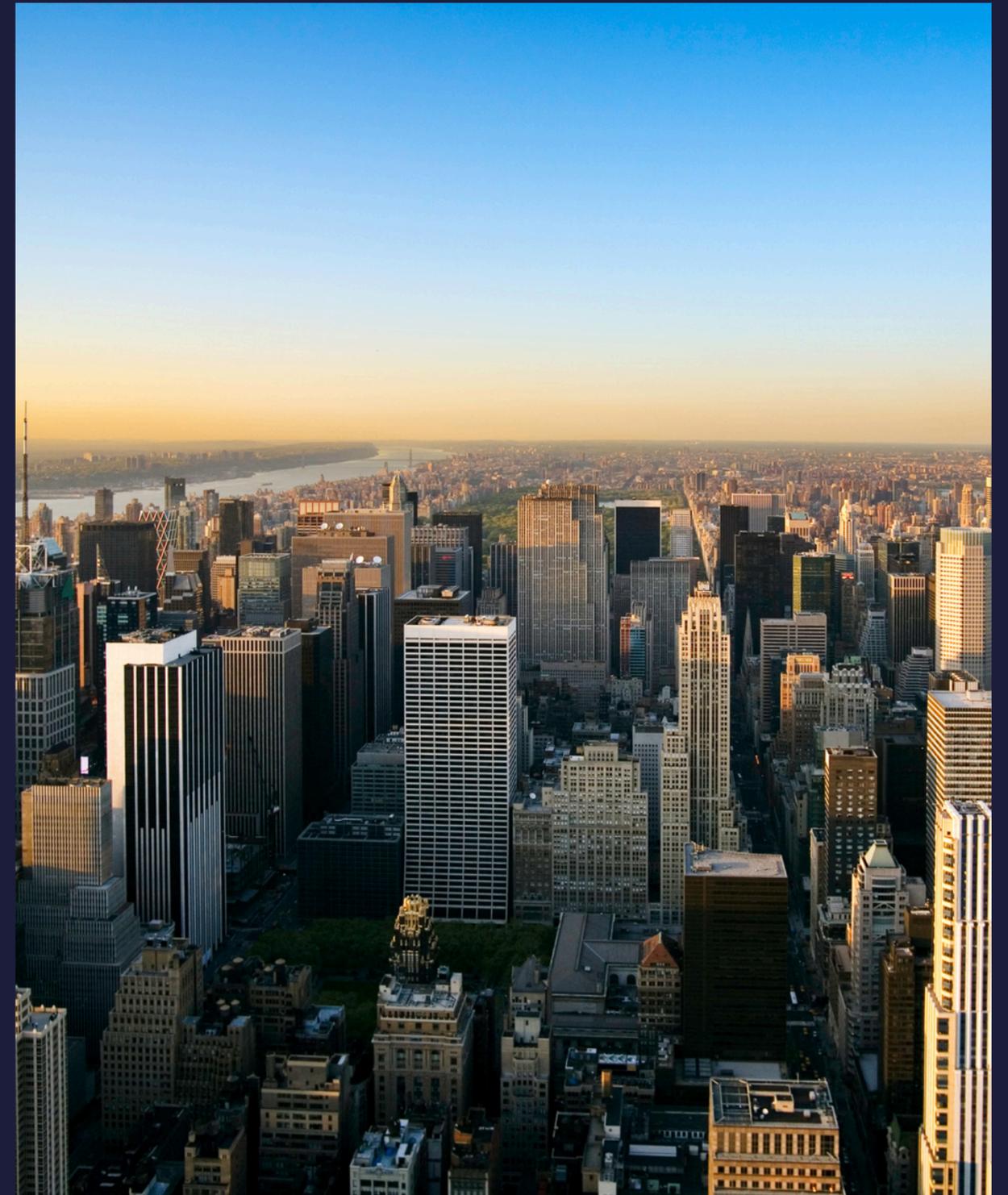
To address these challenges, we implemented a phased data archiving approach. The primary objective was to execute the archiving process without causing any business interruptions, thereby allowing Airgas's team to maintain normal operations throughout the project.

- Implementation divided in **four releases** to manage the archiving of twelve distinct objects, ensuring **minimized business disruptions** during the archiving process. Objects Implemented:
 - Nine functional archiving objects
 - Three supporting customer objects
 - Six functional objects
 - One technical archiving object
 - Two migration objects
 - One deletion object
- Leveraged **AWS S3** as the archiving repository, in alignment with Airgas's commitment to Amazon Web Services.
- Automation with **Data ASSIST** - Employed the proprietary Data ASSIST tool to gain insights into the database, identifying patterns and opportunities for automation.

Results

The outcomes of the project were remarkable. We successfully archived 9.3TB of data, reducing the original 11.8TB database to a manageable 2.5TB, a reduction of approximately 79%.

This substantial decrease not only expedited the migration process by minimizing the volume of data to be transferred but also resulted in significant cost savings. The annual savings for Airgas from this archiving project surpassed \$600K.





Results

- ✔ **Significant Data Reduction:** Achieved an 80% size reduction, archiving 8.7TB initially and further optimizing data for a total reduction of 9.37TB.
- ✔ **Faster Migration:** Reduced the timeline for migration by decreasing the amount of data to be transferred.
- ✔ **Predictable Costs:** Established a comprehensive DVM strategy to achieve NetZero database growth, ensuring predictable costs for the S/4HANA migration.
- ✔ **Cost Savings:** Annual savings from the project exceeded \$600K, with cumulative savings surpassing \$2M.
- ✔ **Operational Efficiency:** Leveraged Data ASSIST tool to gain valuable insights and identify automation opportunities, streamlining the archiving process.

About Auritas

Auritas is a global ERP products and services company specializing in ERP deployments, data management, process optimization, and product innovation. As an SAP Cloud Choice Flex Partner, the company has established itself as a leading pioneer in the rapid deployment of transformation engagements spanning the full suite of SAP solutions.

The company has successfully achieved over a Billion in accumulated customer savings due to its expertise and experience maximizing IT investments. With strong partnerships including SAP Gold and Cloud Choice Flex Partner, OpenText, Google Cloud Platform, OpenText, AWS, Microsoft Azure, and Vertex, Auritas consistently delivers measurable ROI across leading industry verticals.

