

## Executive Summary

ITD Cementation India Limited (ITD Cementation) has been a silent contributor to the infrastructure growth in the country for over eight decades.

ITD Cementation has successfully maintained its position as a market leader in the field of Maritime Structures and Foundations. ITD Cementation is a preferred contractor for Highways, Bridges, Flyovers, Industrial Structures and has established a strong presence in Tunnels, Dams and other Infrastructure projects.

With its eight-decade reputation of constructing some of the most prestigious & vital projects, ITD Cementation has an array of Infrastructure projects to showcase. They include large commercial and institutional buildings, elevated highways, viaducts, railways, elevated and underground metro rail, airports, water and waste water treatment plants, pumping stations, water conveying piping and utilities.

## Customer Challenge

ITD Cementation Ltd. faced several complex challenges in their effort to migrate their SAP S/4 HANA 1709 system to Rise. The company had to ensure that their source system was fully prepared for migration, including the safe storage of a backup copy in the landing zone. Additionally, they had to migrate several other systems to AWS Cloud while maintaining critical application connectivity between their S/4 HANA and non-S/4 applications. These challenges required significant planning and execution expertise to minimize disruption and downtime during the migration.

Furthermore, the ITD Cementation Ltd. team anticipated encountering bugs and issues during the Lift and Shift process. The team worked diligently to resolve these issues to ensure a smooth transition to the new system. After the migration, thorough testing was necessary to verify that the system was functioning as expected. Any issues that arose during testing required prompt resolution to avoid potential business disruptions. The AeonX team supported ITD Cementation Ltd. during this process, performing unit testing and providing assistance with integration testing and UAT to ensure a successful migration that met the needs of the organization.

## Why did ITD Cementation Ltd. choose AeonX?

ITD Cementation Ltd. choose AeonX because of our unique approach to SAP S/4HANA migration. Unlike large system integrators, we leverage our highly automated SAP S/4HANA Labs, which consists of a combination of tools and services that allow customers to quickly experience their SAP ERP datasets on the latest live version of SAP S/4HANA on Cloud. This helps identify any remediation and complexity upfront, enabling a more seamless and efficient migration.

In addition, AeonX follows an established 6R migration strategy (Rehost, Replatform, Repurchase, Refactor, Retire and Retain) to map out a solution that enables a more holistic journey to Cloud while maximizing the commercial benefits of RISE with SAP. Our approach enables customers to migrate to SAP S/4HANA on Cloud quickly and with minimal disruption, while also ensuring that the solution is tailored to their unique business needs. Ultimately, customers choose AeonX because of our commitment to delivering high-quality, customized solutions that drive business value and help them achieve their digital transformation goals.

## AeonX Solution

As part of the migration process from SAP S/4HANA 1709 to RISE, AeonX has provided a comprehensive solution to ITD Cementation Ltd. The solution includes validating the target system and architecture on RISE, taking a backup of the source database, transferring the backup from on-premise to RISE, and restoring the backup in the target RISE system by the AeonX Team. Additionally, AeonX will adjust interface and peripheral system connectivity and perform thorough testing and validation to ensure a successful migration.

By leveraging AeonX's highly automated SAP S/4HANA Labs, ITD Cementation Ltd. will be able to quickly experience their SAP ERP datasets on the latest live version of SAP S/4HANA on Cloud, enabling them to identify and remediate any potential complexities upfront. AeonX's established 6R migration strategy (Rehost, Replatform, Repurchase, Refactor, Retire and Retain) will enable ITD Cementation Ltd. to map out a solution that ensures a more holistic journey to Cloud while enabling the commercial benefits of RISE with SAP. The SAP workloads were deployed in a hybrid model, with S/4 in RISE and EP on one platform and BW and DMS on AWS. The project was completed within the scheduled timeline of 2.5 months, which was appreciated. Overall, AeonX's solution will help ITD Cementation Ltd. to achieve a smooth and successful migration to RISE.

## Results and Benefits

ITD Cementation Ltd. faced several complex challenges during their migration to Rise with SAP, which required a comprehensive solution. Firstly, a detailed assessment was conducted to ensure the source system was fully prepared for migration, including backup and recovery planning to ensure the safe storage of a backup copy in the landing zone. Secondly, a thorough migration plan was developed that addressed critical application connectivity between S/4 HANA and non-S/4 applications, along with the migration of other systems to AWS Cloud. AeonX provided significant planning and execution expertise to minimize disruption and downtime during the migration.

During the migration, ITD Cementation Ltd. encountered bugs and issues during the Lift and Shift process, which were promptly resolved by the AeonX team to ensure a smooth transition to the new system. After the migration, a comprehensive testing plan was implemented to identify and resolve any issues before and after the migration, with support for unit testing, integration testing, and UAT to ensure a successful migration that met the needs of the organization. Working with an experienced migration partner, such as AeonX, was essential to ensure a successful migration that minimized disruptions and downtime, with the new system functioning as expected, meeting the needs of the organization.

AeonX, as a migration partner, was able to provide a comprehensive solution to help businesses like ITD Cementation Ltd. migrate to RISE with SAP. By partnering with AeonX, businesses could work with a single partner to move all required systems and manage the transition to RISE with security and business continuity solutions included, ensuring operational alignment across their SAP and non-SAP applications.

## About AeonX Digital Solutions

AeonX Digital Solutions is a niche business consulting company providing application development, management services and education/training services. We also provide business transformation, and cloud & DevOps consultation. Our aim is to help companies grow, market, and sell by providing valuable technical support.

