

HCL

Leading the digital transformation program

For a global chemical manufacturer



www.hcltech.com

Customer description

The customer is a US-based manufacturer of ammunition, chlorine, sodium hydroxide and a leading distributor of multiple chemical products around the globe.

The company employs more than 6000 professionals and is present in more than 100 countries.



Business need

In 2016, the chemical manufacturer completed a major acquisition of a huge chlorine plant, a move that significantly increased the number of employees and dramatically expanded the business operations of the client in the US and in more than 20 countries.

To efficiently fulfil the demands of the new landscape, there was a need for a global digital transformation program that included the implementation of a new standardized ERP platform, new solutions for manufacturing and engineering, and additional capabilities to make IT Infrastructure more reliable, globally.

HCL entered into an agreement with the customer, to make the existing SAP S/4 HANA environment more flexible, reliable, and agile. HCL developed a focused strategy to host and migrate SAP and non-SAP workloads on HCL's private cloud.

HCL also ensured business continuity of IT systems by setting up a temporary environment on the public cloud platform. We also provided comprehensive end-to-end digital transformation solutions and support, while ensuring a future proofed growth path for SAP workloads through a DR setup on public cloud.

The business needs of the client were as follows:



A long-term, strategic partner to guide them on their digital transformational journey



Improving business agility by running S/4 HANA 1610 on an IBM hosted private cloud for production, test, and development environment



Significant performance benefits and business continuity from a temporary cloud-based SAP environment



Cost optimization by transforming the legacy systems into a private cloud environment, while also ensuring cost benefits from the public cloud environment. Moving from a CAPEX to an OPEX model



HCL's approach

HCL Technologies (HCL), was awarded a five-year contract by the client. A two phased migration approach was pursued by HCL. In the first phase, HCL successfully migrated all the sandboxed and development systems in the client's landscape to a public cloud platform in the best possible time, ensuring business continuity.

At the same time, the SAP systems and SAP applications were migrated to a private cloud environment in phase two with a guaranteed SLA of 99.95 percent.

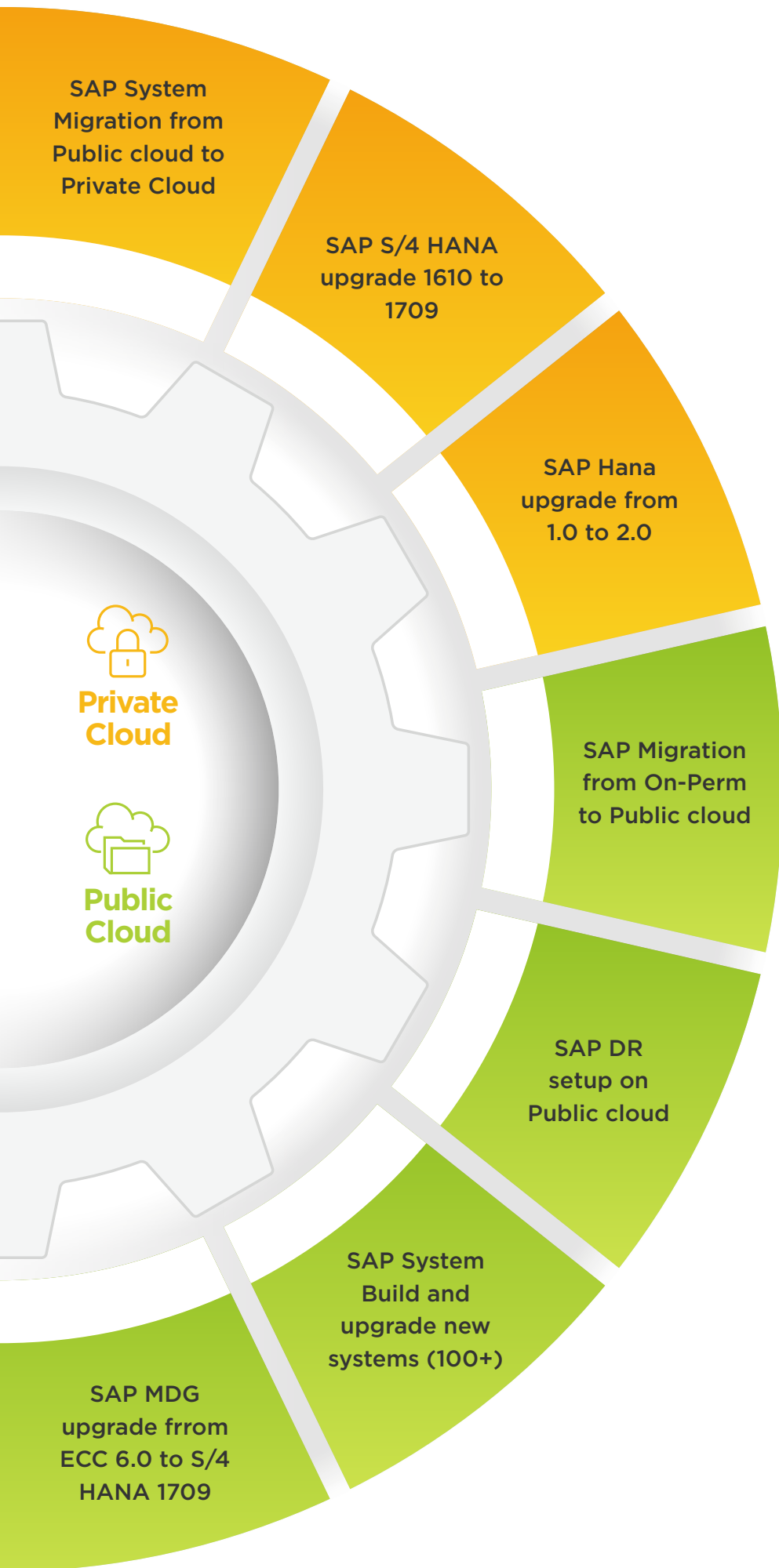
Highlights of the digital transformation solutions provided by HCL:

Procurement, installation and configuration of the application tier, HANA Databases (TDI Architecture) and Sybase ASE.

Migration of IBM CMS Infrastructure to a public cloud platform.

Upgradation and migration of SAP S/4 HANA 1610 to SAP S/4 HANA 1709 on the public cloud platform.

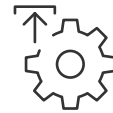
Creation of HA and DR Infrastructure for optimized disaster recovery capabilities on the public cloud platform.



110+ Applications &
60+ Application Servers



35+ Production DB
Systems
130+ Non-Production DBs



Database Upgrade
HANA DB - 3, Sybase
DB - 5



5+ Terabytes Database
Replication



44+ Servers on Cloud
Azure Site Recovery



Disaster Recovery
Setup in 2 Weeks

Business Benefits

The digital transformation of SAP systems had immediate benefits for the client, making the entire system more flexible and cost effective with consumption-based cloud operations.

Further, by implementing and testing the DR environment on the public cloud platform, HCL was able to improve the reliability of the overall system and enhance disaster recovery capabilities with minimum investment.

Key business benefits delivered by HCL to the client are:

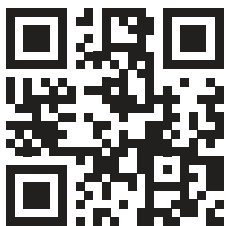
- ✓ Agile implementation of SAP S/4 HANA environment on private cloud and ERP platform, without disruption of business processes.
- ✓ Optimized disaster recovery capabilities over public cloud with minimized cost.
- ✓ Reduced lead time for capacity planning – flexible infrastructure environment.
- ✓ Reduced governance and oversight of the IT systems.
- ✓ 30% reduction in maintenance efforts for SAP Systems.
- ✓ Less IT resources – With HCL resources performing the time consuming maintenance of client’s SAP Applications, the client could utilize their resources for business and technical innovation.
- ✓ A guaranteed SLA of 99.95% at the SAP application Level.
- ✓ RTO of less than five hours against a committed RTO of 24 hours.
- ✓ RPO of less than one minute against a committed RPO of 30 minutes



HCL Technologies (HCL) empowers global enterprises with technology for the next decade today. HCL's Mode 1-2-3 strategy, through its deep-domain industry expertise, customer-centricity and entrepreneurial culture of ideapreneurship™ enables businesses to transform into next-gen enterprises.

HCL offers its services and products through three lines of business - IT and Business Services (ITBS), Engineering and R&D Services (ERS), and Products & Platforms (P&P). ITBS enables global enterprises to transform their businesses through offerings in areas of Applications, Infrastructure, Digital Process Operations, and next generation digital transformation solutions. ERS offers engineering services and solutions in all aspects of product development and platform engineering while under P&P. HCL provides modernized software products to global clients for their technology and industry specific requirements. Through its cutting-edge co-innovation labs, global delivery capabilities, and broad global network, HCL delivers holistic services in various industry verticals, categorized under Financial Services, Manufacturing, Technology & Services, Telecom & Media, Retail & CPG, Life Sciences, and Healthcare and Public Services.

As a leading global technology company, HCL takes pride in its diversity, social responsibility, sustainability, and education initiatives. As of 12 months ending on December 31, 2019, HCL has a consolidated revenue of US\$ 9.7 billion and its 149,173 ideapreneurs operate out of 45 countries. For more information, visit www.hcltech.com



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