



Cognizant Data Migration Express

Reduce migration timelines and costs by up to 30% with Cognizant's AI-powered, serverless migration accelerator built on SAP Business Data Cloud (BDC) and SAP Business Technology Platform (BTP).

Solution overview

Accelerate your SAP data migration journey with Cognizant® Data Migration Express, a generative AI-powered, serverless migration accelerator built on SAP Business Data Cloud (BDC) and SAP Business Technology Platform (BTP). Data Migration Express streamlines transition to SAP S/4HANA, SAP BW and enterprise data lakes, integrating legacy systems and orchestrating intelligent data flows. With robust automation, real-time dashboards and gen AI-driven validation, Data Migration Express ensures high-quality, analytics-ready data migration for an on-time S/4HANA deployment.

Who needs this solution

Data Migration Express is essential for SAP customers embarking on digital transformation journeys, particularly those migrating to S/4HANA or modernising their analytical landscape. Enterprises with complex legacy systems, large volumes of transactional data, and stringent compliance requirements stand to benefit most. Industries such as manufacturing, finance, and life sciences—where accurate, analytics-ready data drives operational efficiency—need a solution that minimises manual effort, ensures data quality, and enables seamless integration with advanced analytics platforms. For organisations seeking speed, scalability, and cost efficiency without compromising governance, Data Migration Express is the strategic enabler.

Solution benefits

- **Seamless migration** Simplifies data migration to SAP S/4HANA and enterprise data lakes
- **Gen AI-based data quality and mapping** Accelerates data mapping and ensures accuracy with an integrated data quality (DQ) engine
- **Dual migration support** Manages upstream (S/4HANA) and downstream (data lakes, BW) transitions
- **Streamlined processes** Automated provisioning, intelligent lookups and transformation flows
- **Real-time dashboards** SAP Analytics Cloud dashboards for data quality and business validation
- **Enterprise-grade architecture** Built on SAP BDC, SAP HANA Cloud and SAP BTP
- **Flexibility and scalability** Adapts to diverse SAP landscapes and business needs

Business benefits

- **Cost and time efficiency** Achieve up to 30% reduction in migration costs and timelines while lowering total cost of ownership (TCO) through native SAP integration and serverless architecture—eliminating reliance on third-party tools
- **Faster time-to-value and optimized processes** Accelerates implementation and streamlines migration workflows through built-in automation, reconciliation and robust data quality checks—enabling quicker realization of business outcomes
- **Improved data quality** Ensures high-quality, trusted data with multi-level DQ checks, continuous validation and scoring mechanisms
- **Enhanced analytics readiness** Prepares data for advanced analytics, improving operational and strategic insights
- **Strategic enablement** Supports seamless transition to RISE with SAP and SAP S/4HANA, aligning with longterm digital transformation goals

Why Data Migration Express

SAP customers undergoing S/4HANA transformation often face steep costs, investing nearly as much in data migration tooling as in manpower. Existing approaches suffer from manual data mapping, cleansing, and enrichment, reliance on third-party tools, which lead to delays, human error, high costs, poor data quality and incomplete outcomes. Business SMEs are overburdened with defining rules and validations, while reusability and traceability remain elusive.

These challenges create a clear opportunity to revolutionise SAP data migration using Generative AI—simulating human intelligence to understand, cleanse, and enrich complex business data quickly and at scale.

Data Migration Express delivers this transformation, reducing costs, accelerating timelines, and ensuring explainability and quality throughout the S/4HANA transition process. It eliminates inefficiencies through automation, integrated Data Quality (DQ) checks, and real-time dashboards, enabling up to 30% reduction in migration timelines and costs.

Its enterprise-grade architecture and flexibility make it ideal for organisations seeking faster time-to-value, improved data accuracy, and readiness for advanced analytics without disrupting operations.



Cognizant (Nasdaq-100: CTSH) engineers modern businesses. We help our clients modernize technology, reimagine processes and transform experiences so they can stay ahead in our fast-changing world. Together, we're improving everyday life. See how at www.cognizant.com or follow us @Cognizant.

World Headquarters

300 Frank W Burr Blvd
Suite 36, 6th Floor
Teaneck, NJ 07666, USA
Tel: (201) 801-0233

European Headquarters

280 Bishopsgate
London
EC2M 4AG
England
Tel: +44 (01) 020 7297 7600

India Corporate Office

Siruseri-Software Technology Park of India (STPI)
SDB Block – Ground floor north wing
Plot No H4, SIPCOT IT Park
Chengalpattu District
Chennai 603103, Tamil Nadu

APAC Headquarters

1 Fusionopolis Link,
Level 5 NEXUS@One-North,
North Tower Singapore 138542
Phone: + 65 6812 4000

© Copyright 2025 –2027, Cognizant. All rights reserved. No part of this document may be reproduced, stored in a retrieval system, transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, without the express written permission of Cognizant. The information contained herein is subject to change without notice. All other trademarks mentioned herein are the property of their respective owners.