Hitachi Solutions

Essentials for Data Migration

Delivering the rapid and accurate transfer of data.

Migrating data can be an expensive, lengthy and labour-intensive process.

Data migration is an essential yet problematic process for businesses moving from a legacy on-premise system to a new, Microsoft Dynamics 365 cloud-based system. Businesses using Microsoft Dynamics AX versions 2009 and 2012 are further under pressure to migrate to Microsoft Dynamics 365 imminently, because Microsoft will cease to support those products soon. Traditionally, the expertise needed to make the transition isn't available in-house and the business must bring in significant external resources from contract teams, third-parties or other companies.

As well as incurring significant staffing costs, a data migration project is a challenging exercise in data extraction, transformation and loading into the new system. The data from the old system will not match the new system record for record, and it requires a gruelling and time-consuming process to move from the old to the new. Typically, the migration has no alternative but to use a highly manual mechanism that's prone to errors. These errors then take time to identify and fix, adding delays and cost.
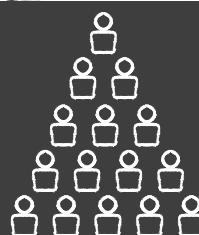
Hitachi Solutions has the answer.

Easy and automated data migration

Essentials for Data Migration is a semi-automated process built on Microsoft standard technology that translates data within the legacy system and directs it to the correct location in the new system, rapidly and accurately.
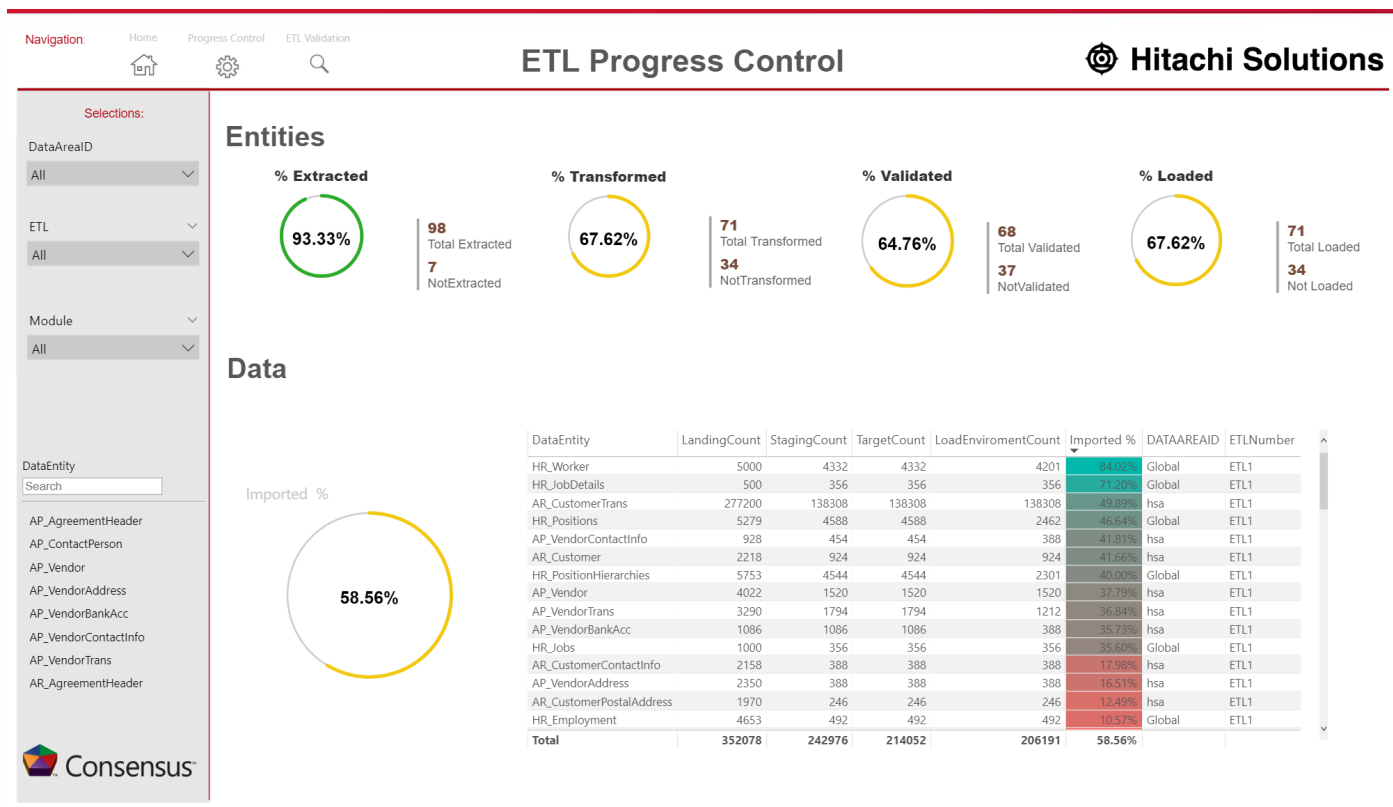
By combining this tool with our expertise in data migration, we can automate much of the data extraction, transfer and load (ETL) process. This increases data accuracy, reducing the number of errors that hold up the migration process. Subsequently, Essentials for Data Migration also removes the intensely manual aspect of data migration, reducing both the staffing levels required and the cost involved. One recent implementation cut the number of people involved from 45 to a core team of 15: ten client members of staff and five Hitachi Solutions consultants. It also reduced the time taken for data migration from two weeks to 12 hours.

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ETL Progress Control — Hitachi Solutions

Selections:

DataAreaID — All

ETL — All

Module — All

DataEntity — Search

AP_AgreementHeader
AP_ContactPerson
AP_Vendor
AP_VendorAddress
AP_VendorBankAcc
AP_VendorContactInfo
AP_VendorTrans
AR_AgreementHeader

Consensus

Entities

% Extracted — 93.33% — 98 Total Extracted / 7 NotExtracted

% Transformed — 67.62% — 71 Total Transformed / 34 NotTransformed

% Validated — 64.76% — 68 Total Validated / 37 NotValidated

% Loaded — 67.62% — 71 Total Loaded / 34 Not Loaded

Data

Imported % — 58.56%

DataEntity	LandingCount	StagingCount	TargetCount	LoadEnviromentCount	Imported %	DATAAREAID	ETLNumber
HR_Worker	5000	4332	4332	4201	84.02%	Global	ETL1
HR_JobDetails	500	356	356	356	71.20%	Global	ETL1
AR_CustomerTrans	277200	138308	138308	138308	49.89%	hsa	ETL1
HR_Positions	5279	4588	4588	2462	46.64%	Global	ETL1
AP_VendorContactInfo	928	454	454	388	41.81%	hsa	ETL1
AR_Customer	2218	924	924	924	41.66%	hsa	ETL1
HR_PositionHierarchies	5753	4544	4544	2301	40.00%	Global	ETL1
AP_Vendor	4022	1520	1520	1520	37.79%	hsa	ETL1
AP_VendorTrans	3290	1794	1794	1212	36.84%	hsa	ETL1
AP_VendorBankAcc	1086	1086	1086	388	35.73%	hsa	ETL1
HR_Jobs	1000	356	356	356	35.60%	Global	ETL1
AR_CustomerContactInfo	2158	388	388	388	17.98%	hsa	ETL1
AP_VendorAddress	2350	388	388	388	16.51%	hsa	ETL1
AR_CustomerPostalAddress	1970	246	246	246	12.49%	hsa	ETL1
HR_Employment	4653	492	492	492	10.57%	Global	ETL1
Total	**352078**	**242976**	**214052**	**206191**	**58.56%**		

Essentials for Data Migration uses an iterative process that migrates data on a daily basis. This more frequent approach removes the headache of monthly large ETLs that throw up significant issues and halt the process while issues are resolved.

Our data migration technology has an embedded Power BI dashboard to provide visibility at every stage. Power BI is an advanced data visualisation tool that enables your business to make informed decisions quickly. Underpinned by the Microsoft Power Platform, it brings together interactive visualisations and business intelligence capabilities so you can connect, model and explore your data. The dashboard delivers easy access to information about elements that have gone through the migration process, as well as identifying elements that have failed. This makes troubleshooting difficulties fast and straightforward.

Accelerate with Essentials

Our Essentials approach gives you access to tried and tested software and processes that speed up your data migration project. With a high degree of preconfiguration that's based on industry standards, Essentials for Data Migration is an ideal starting point, bypassing much of the expensive and time-consuming development process.

Our approach

At Hitachi Solutions, we specialise in helping businesses to streamline and structure their systems in the cloud. As a Microsoft partner, we focus on supporting you to extract maximum benefit from your chosen Microsoft systems, getting you up and running quickly for a faster and lower-risk implementation.

Interested?

Get in touch to discuss how Essentials for Data Migration can deliver a cost-effective, rapid and accurate data migration in your business.

Please contact us to find out more: hitachi-solutions.co.uk/contact-us/