

# Consistent Data Distribution

## Data Governance - easily and effectively

Complete, consistent and easy data distribution across legal entities within Microsoft Dynamics AX and Dynamics 365 for Operations is the the foundation for correct reporting and decision making.

### WHY STANDARD FUNCTIONALITY IS NOT ENOUGH

Dynamics AX and Dynamics 365 for Operations clients that work in a multi legal entity environment face the challenge of managing data across legal entities - and standard Dynamics AX/365 functionality is not adequate for these tasks.

This will result in inconsistent data:

- items, bills of materials, vendors etc. are created with different IDs across legal entities
- Reference Data (item groups, terms of payment etc.) is created and maintained locally without global coordination

### CONSISTANT DATA DISTRIBUTION – MADE EASY

CGI's Consistent Data Distribution is a Data Governance product that

- manages the distribution of Master and Reference Data across legal entites

Main distribution table	Distribution entity name	BusinessAreaId	Distribution class	Active
CustTable	Customers	Finance	CDDEntityCustomer	Active
InventTable	Released product details	Supply Chain	CDDEntityProduct	Active
VendTable	Vendors	Finance	CDDEntityVendor	Active

Figure 1: 3 Master Data Distribution entities

- manages fields as global, local or default
- applies Data Owner to the distribution entities

Main distribution table	Data source name	Field name	Field label	FieldControl	Data owner	Field rule	Info
InventTable	InventTable	ItemId	Item number	Global	Make	No action	ID
InventTable	InventTable	ItemType	Item type	Global	Make	No action	
InventTable	InventTable	PurchModel	Latest purchase price	Local	Source	No action	
InventTable	InventTable	Height	Height	Global	Make	No action	
InventTable	InventTable	Width	Width	Global	Make	No action	
InventTable	InventTable	SalesModel	Sales price model	Default	Deliver	No action	
InventTable	InventTable	CostGroupId	Cost group	Global	Finance	Create reference	

Figure 2: Field control of released product distribution entity

Consistent Data Distribution is easy to set up and it does not require knowledge of the Dynamics AX/365 data model.

### SOURCE AND TARGET COMPANIES

Consistent Data Distribution is based on the concept of a Source Company (Master Data Company or Configuration Company). The Source Company distributes records to Target Companies - set up to receive the records.



#### Technology:

Consistent Data Distribution is an add-on to

- Microsoft Dynamics AX 2009
- Microsoft Dynamics AX 2012
- Microsoft Dynamics 365 for Operations.

#### Connectivity to ERP systems:

Please contact us for more information on connectivity to your ERP systems.

#### For more information, visit:

cgi.dk  
cgi.com

#### Contact us:

T: +45 44 48 40 00  
E: cgi.dk@cgi.com

## PUSH AND PULL

You can choose to push records from the Source Company to the Target Companies or pull records from the Source Company to a Target Company.

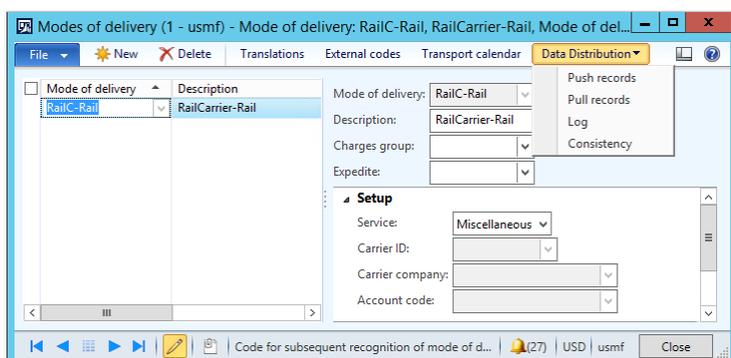


Figure 3: Data distribution from modes of delivery form

The consistency check allows the user to work on several released products or bills of materials and then check in the updates later (ex. summer/winter collections or construction changes to multiple bills of materials).

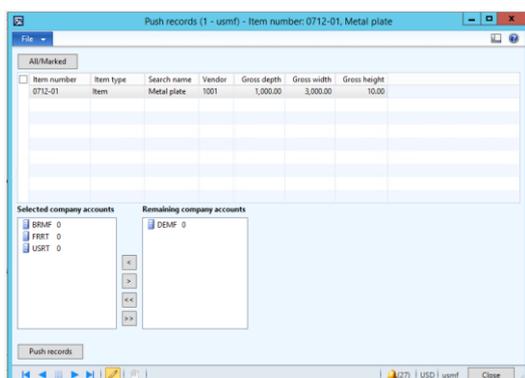


Figure 4: Push data to legal entities companies

## NEW PROJECTS, MIGRATIONS AND EXISTING INSTALLATIONS

Consistent Data Distribution is relevant, both for new projects and migrations, as well as for existing installations.

Consistent Data Distribution can be used as a Data Governance tool to maintain data quality across legal entities, as well as a useful tool to migrate data. Reference Data and some Master Data should never be migrated if they can be distributed from the source company. This approach will improve the process and agility of migration.

## SUPPORT FROM CGI

Consistent Data Distribution is supported by a global team of Data Governance experts and business experts in CGI, ensuring you the help you need for your business as well as your installation.

## HOW MAY WE HELP YOU?

For more information on Consistent Data Distribution and your new possibilities with the tool in your organization and installation - please contact us:

T: +45 44 78 40 00

E: [cgi.dk@cgi.com](mailto:cgi.dk@cgi.com)

### About CGI

Founded in 1976, CGI is one of the largest IT and business process services providers in the world.

We combine innovative services and solutions with a disciplined delivery approach that has resulted in an industry-leading track record of delivering 95% of projects on time and within budget.

Our global reach, combined with our proximity model of serving clients from hundreds of offices worldwide, provides the scale and immediacy required to rapidly respond to client needs.

Our business consulting, systems integration and managed services help clients leverage current investments while adopting technology and business strategies that achieve top and bottom line results.

As a demonstration of our commitment, our client satisfaction score consistently measures 9 out of 10.

**For more information, visit:**

[cgi.dk](http://cgi.dk) and [cgi.com](http://cgi.com)

**Contact us:**

[cgi.dk@cgi.com](mailto:cgi.dk@cgi.com)