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DYNAMICS CON LIVE

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BC:
Keys to Improving Data Accuracy

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Keys for Improving Data Accuracy

This is will be a hybrid session consisting of both a presentation and collaborative discussion. You will get an opportunity to learn different approaches for improving data accuracy from master data to transactions. There are tools at your disposal within Business Central and Power Apps to help you get develop the right approach for your organization.



Keys for Improving Data Accuracy

- Learn about tools to get and keep your master data clean
- Learn some best practices when working with production orders to ensure that quantities and costs make sense. This includes how to correct errors
- Discuss the impact of accurate data on your organization.



Why Focus on Data Accuracy?

- Why all of the fuss about data accuracy?
 - Business Central is designed to ease data entry by defaulting values into transactions. This works well if the defaults are correct.
 - How can inaccurate data get introduced into BC?



Your Challenges

- What are the challenges related to data accuracy that you have had?



Keys for Improving Data Accuracy

Agenda

- Setups and Master Data
- Production Orders and Posting
- Challenges you have encountered



Setups and Master Data

- The basis for transactions is the underlying Setup and supporting Master Data
 - Financial Setup
 - Inventory and Manufacturing Setup
 - Change Logs
- Templates/Copying
 - Items – by type
 - BOMs
 - Routings



Financial Setup

- This is key to ensuring that transaction data hits the correct G/L Accounts and has the correct Dimensions
 - Chart of Accounts
 - Dimensions
 - Dimension Values
 - Dimension Combinations
 - Blocking select Dimension Values

Cronus I | < Finance | Cash Management | Sales | Purchasing | Use Dynamics | Fashion

General Journals | G/L Budgets | Sales Budgets | Purchase Analysis Reports | Employees | Alloca
 Chart of Accounts | Fixed Assets | Purchase Budgets | Inventory Analysis Reports | Dimensions | Postec
 G/L Account Categories | Financial Reporting | Sales Analysis Reports | Currencies | Statistical Accounts | Bank I

Dimensions

Dimension Combinations

← Previous Set | Previous Column | Next Column | Next Set | More options

General

Show Column Name

ns	Related	Automate	Fe	Account Category
				Assets
	Filter			Assets
	nessgroup Filter			Assets
	omergroup Filter			Assets
	artment Filter			Assets
	haser Filter			Assets
	scampaign Filter			Assets

Allowed Dimension Values - DEPARTMENT - G/L Account 40100

✓ Set Allowed | ✗ Set Disallowed

Dimension Value Code	Dimension Value Name	Allowed
→ ADM	Administration	<input type="checkbox"/>
PROD	Production	<input checked="" type="checkbox"/>
SALES	Sales	<input checked="" type="checkbox"/>



Inventory and Manufacturing Setup

- These setups form the basis for good recommendations from BC
 - Manufacturing Setup
 - Inventory Setup

The image shows two screenshots from the Microsoft Dynamics 365 user interface. The top screenshot is the 'Manufacturing Setup' page, which includes a 'General' tab with fields for 'Normal Starting Time' (8:00:00 AM), 'Normal Ending Time' (11:00:00 PM), 'Planning Warning' (toggle on), and 'Doc. No. Is Prod. Ord...' (toggle on). The bottom screenshot is the 'Inventory Setup' page, also with a 'General' tab, showing options like 'Automatic Cost Posting' (toggle on), 'Automatic Cost Adjus...' (Always), 'Default Costing Meth...' (FIFO), 'Prevent Negative Inve...' (toggle off), 'Variant Mandatory if E...' (toggle off), 'Skip Prompt to Create...' (toggle off), 'Copy Item Descr. to E...' (toggle off), 'Allow Inventory Adjus...' (toggle on), 'API Auto Post' (toggle off), and 'Item Journal Batch'.



Change Log

- Good for tracking changes to setups and other master data

Change Log Setup

Setup | More options

Change Log Setup (Table) List

Search Edit List

ID ↑	Name	Log Insertion	Log Modification	Log Deletion
3	Payment Terms			
4	Currency			
5	Finance Charge Terms			
6	Customer Price Group			
7	Standard Text	All Fields	All Fields	All Fields
8	Language			
9	Country/Region			
10	Shipment Method			
11	Country/Region Translation			
13	Salesperson/Purchaser			
14	Location			
15	G/L Account	All Fields	All Fields	All Fields



Work Centers and Machine Centers

- Consistent Setups reduce errors
 - Capacity Units of Measure
 - Shop Calendars

Work Center Card

100 · Assembly department

Process Work Center | Related Reports Automate Fewer options

Name Assembly department Blocked

Work Center Group Code 1 Last Date Modified

Alternate Work Center

Posting

Direct Unit Cost 1.20 Department Code

Indirect Cost % 0 Customergroup Code

Overhead Rate 0.00 Subcontractor No.

Unit Cost 1.20 Flushing Method Manual

Unit Cost Calculation Time Gen. Prod. Posting Group MANUFACT

Specific Unit Cost

Scheduling

Unit of Measure Code MINUTES Shop Calendar Code ONE SHIFT

Capacity 3 Queue Time 0

1 2

Common Errors & Solutions

- Setups Changed
 - Limit edit access
 - Setup Change Log
- Production Orders



Production Orders

- Picking
- Missing consumption
- Missing output
- Abandoned orders
- Rework
- Engineering Changes



Production Order Picking

- Picking
 - Use handhelds



Production Order Consumption & Output

- Consumption
 - Missing or over consumption
- Output
 - Missing or over reported output
- What to check before Finishing a Production Order



Production Order - Rework

- Serialized and/or Lot controlled items requiring rework. Here are a couple of reasons that trigger rework.
 - You have a product that contains components with expiry dates and need to replace those lot expiring components.
 - You have a serialized medical device that requires a post production Engineering Change.



Additional Tools

- Workflows
- Data Synchronization

The screenshot shows the configuration page for a workflow named 'MS-ITEMAPW · Item Approval Workflow'. The page includes a header with navigation icons and a 'Saved' status. Below the header, there are fields for 'Code' (MS-ITEMAPW), 'Description' (Item Approval Workflow), and 'Category' (SALES). An 'Enabled' toggle switch is currently turned off. A 'Workflow Steps' section is visible, containing a table with columns for 'When Event', 'On Condition', and 'Then Response'. The table lists several events such as 'Approval of an item is requested' and 'An approval request is approved', each with a corresponding condition and response.

When Event	On Condition	Then Response
→ Approval of an item is requested.	(View filter details)	(+) Add r
An approval request is approved.	Pending Approvals: 0	Remove r
An approval request is approved.	Pending Approvals: >0	Send app
An approval request is rejected.	<Always>	Reject th
An approval request for an item is canceled.	<Always>	(+) Cance
An approval request is delegated.	<Always>	Send app

The screenshot shows the 'Synchronization Tables' configuration page. It features a header with navigation icons and a 'Saved' status. Below the header, there is a toolbar with options for 'Search', 'Analyse', 'New', 'Edit List', 'Delete', 'Fields', and 'Synchronization Log'. The main content area contains a table with columns for 'Status', 'Table', 'Over... Local Chan...', 'Synchronize Changes Since', and 'Table Filter'. The table lists one entry: 'Standard Text' with a status of 'Enabled' and a checkbox for 'Over... Local Chan...'.

Status	Table	Over... Local Chan...	Synchronize Changes Since	Table Filter
→ Enabled	Standard Text	<input type="checkbox"/>		

References

- BC Help
 - <https://www.centralq.ai/>





Thank You!

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