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Hello
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The Fundamentals of Electronic Reporting

Speaker



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About Logan Consulting

- Logan Consulting has over 30 years of experience with ERP implementations, upgrades, & support
- Logan specializes in Manufacturing, Distribution, & Service Industries
- Microsoft Dynamics ERP Gold Partner since 2003
- AXUG/D365UG Member and Gold Contributor since 2014
- **Core Services:**
 - Dynamics AX/365 Assessment, Implementation, Optimization, and Support
 - Dynamics AX/365 Business Process Design
 - Program & Project Management



Session Objectives

What will you learn today?

1. Components of Electronic Reports
2. What goes into configuration of Electronic Reports
3. How to modify templates via Business Document Management

Session Agenda

- Overview of Electronic Reporting
- Target Users
- Components of Electronic Reports
- Globalization Studio
- Business Document Management
- Demo in D365
- Use Cases & Takeaways

What is Electronic Reporting?

What is Electronic Reporting?

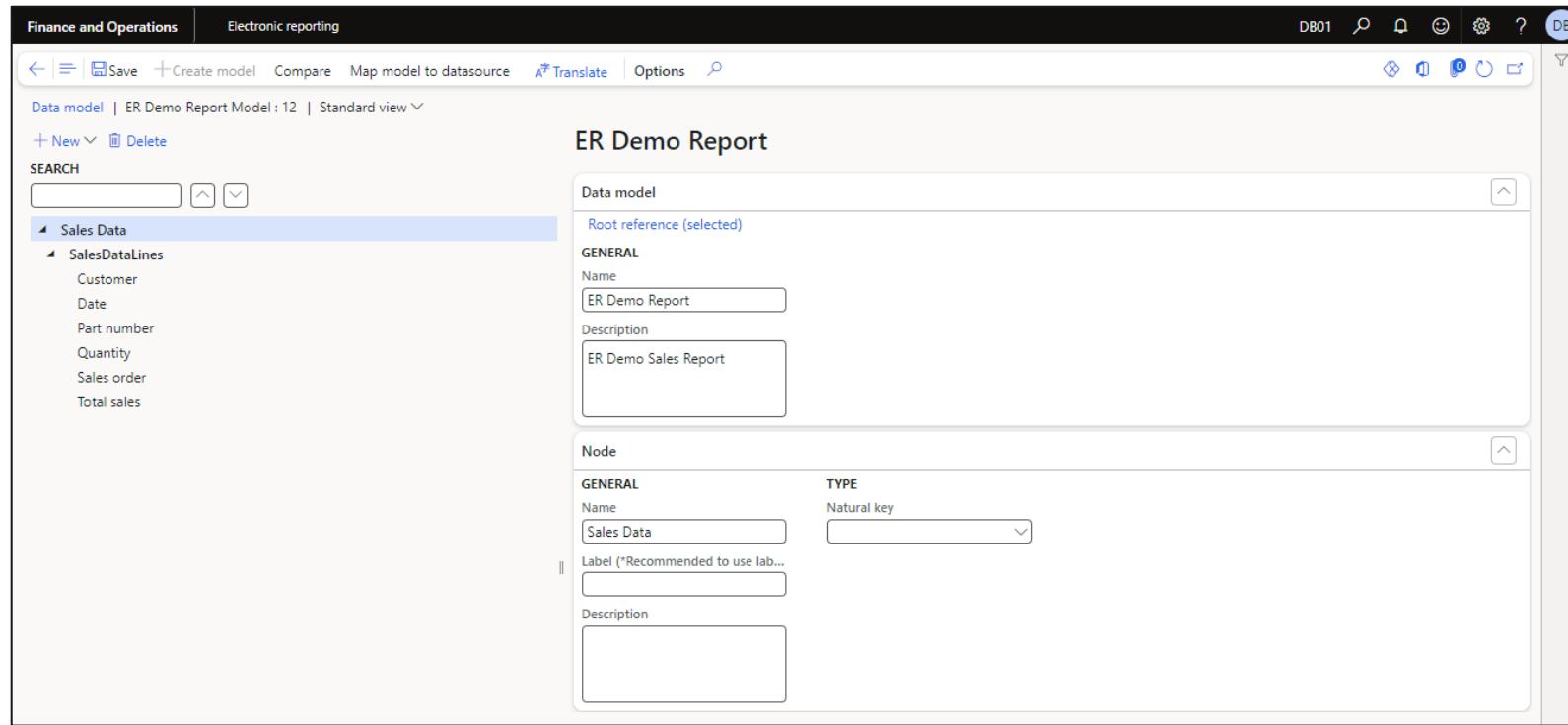
- Originally Generic Electronic Reporting
- Paper is phasing out
- Increasingly complex legal requirements
- Low-code/no-code solution

What is Electronic Reporting?

- One “Data Model”, multiple “Data Formats”
 - Excel & Word
 - Fillable PDFs
 - Text
 - XML & OpenXML
 - JSON
 - Extensible to other formats

What is Electronic Reporting?

- Graphic user interface

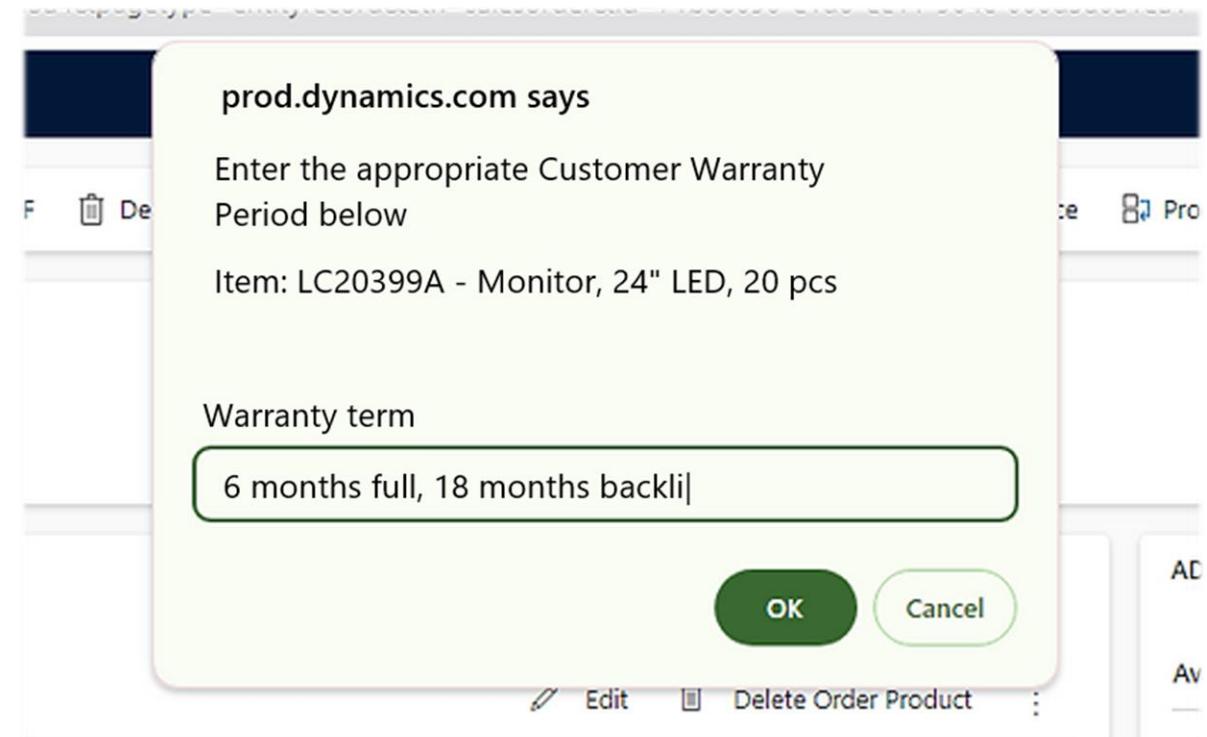


What is Electronic Reporting?

- Inbound & outbound data transfer
- Destinations
 - Screen
 - Email
 - Archive
 - File
- Versioning support

What is Electronic Reporting?

- Not limited to internal system data



Target Users?

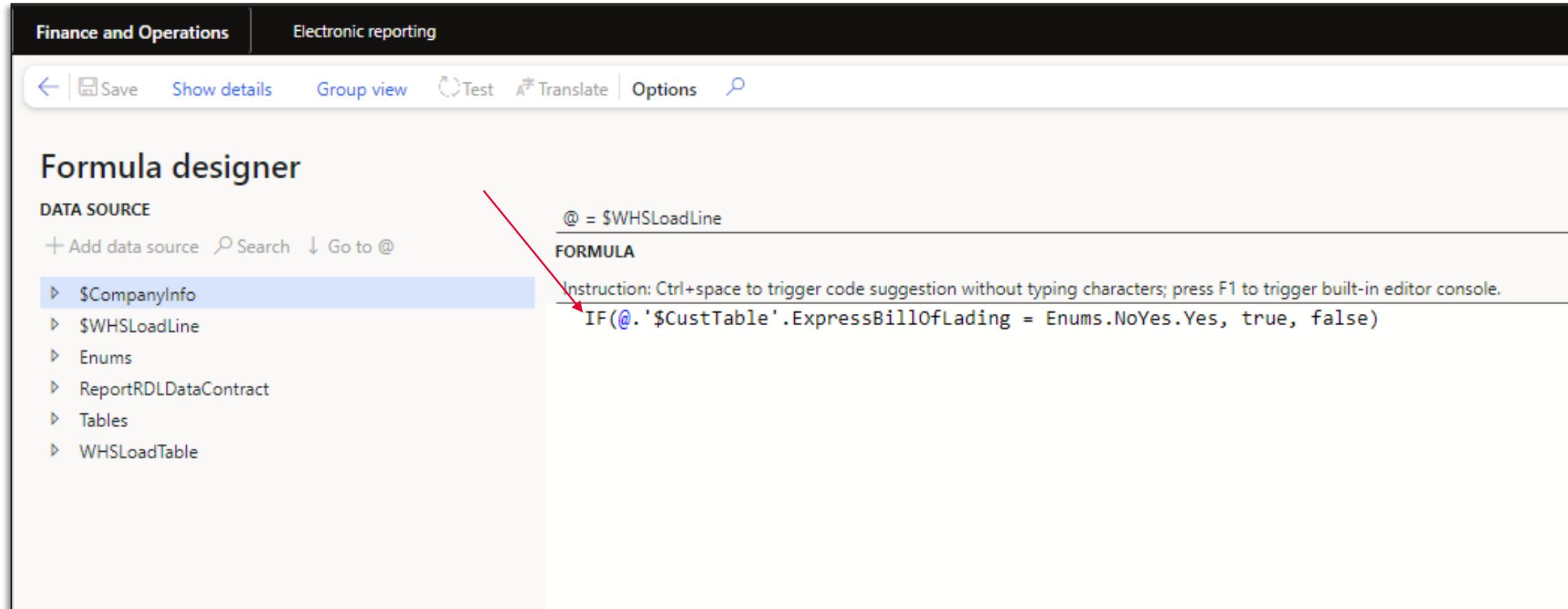
Target Users - Considerations

- Business users, NOT developers

Target Users - Considerations

- Live data
- Complicated configurations
- Excel-style formulas
- Need access to a non-prod environment

Target Users



Finance and Operations | Electronic reporting

Save Show details Group view Test Translate Options

Formula designer

DATA SOURCE

+ Add data source Search Go to @

- \$CompanyInfo
- \$WHSLoadLine
- Enums
- ReportRDLDataContract
- Tables
- WHSLoadTable

@ = \$WHSLoadLine

FORMULA

Instruction: Ctrl+space to trigger code suggestion without typing characters; press F1 to trigger built-in editor console.

```
IF(@.'$CustTable'.ExpressBillOfLading = Enums.NoYes.Yes, true, false)
```

Target Users

- Business users
 - D365 Power users
 - MOS - Microsoft Office Specialists
 - ERP Support team
- Above-average technical capabilities

Components of Electronic Reports

Components of Electronic Reports

- Destinations & sources
- Configuration providers
- Configurations
- Repositories
 - RCS: deprecating 8/1/24

Configuration Providers

- Author of the ER configuration
 - Microsoft
 - Local/internal
 - 3rd party

Configurations

Data Format



Data Model



Model Mapping



Configuration – Data Format



- Define the output
- Contains template

Configuration – Data Model



- Data backbone
- Domain-specific business entities
- Data items

Configuration – Model Mapping



Data sources
↔
Data Model

- Data flow & rules
- Transformations

Configurations – Model Mapping

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Globalization Studio Workspace

Globalization Studio

- No-code/low-code globalization tools
- Out-of-the-box multi-country localization content

Globalization Studio

- Regulatory Configuration Service (RCS)
- Electronic Reporting
- Configurable Business Documents
- Tax Calculation
- Electronic Invoicing

Globalization Studio

Extended by partners

Partner localization solutions

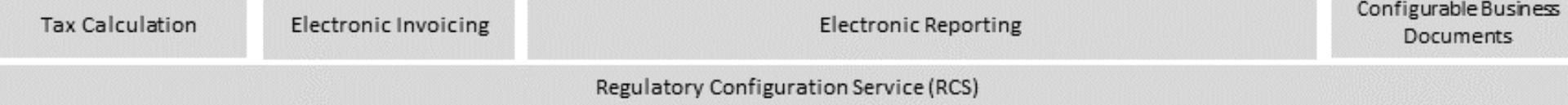
Updated per legislation changes

Monitoring legislation changes and providing regulatory updates

Out-of-the-box multi-country localizations

Tax determination and calculation	Invoicing	Tax audit and reporting	Banking/ Payments	Other localizations	Business documents
<ul style="list-style-type: none"> VAT Withholding tax GST Sales tax/Use tax Reverse charge 	<ul style="list-style-type: none"> E-invoicing Realtime reporting Invoicing process Prepayments and advance invoices 	<ul style="list-style-type: none"> Tax declarations Tax audit EU sales list Statistical reports Other regulatory reports 	<ul style="list-style-type: none"> Payment formats Bank reconciliation Bank reports Bank account number validation 	<ul style="list-style-type: none"> Fixed Assets General Ledger accounting Supply Chain Management Commerce 	<ul style="list-style-type: none"> Invoices Orders Quotations Payments Other documents

No-code/low-code globalization tools and services



Business Document Management

Business Document Management

- Maintain templates without ER
 - Adjust layouts
 - Add placeholders or notices
- May still require configuration in ER

Business Document Management

- Only available for cloud deployments
- Requires Microsoft Office 2010 or later
 - Office 365 required to edit in-browser

Demo

Practical Use Cases

- Localization
- Reports updated on a periodic basis
- Business-specific document variations
- Ad hoc reporting

Key Take-aways

- ER can meet a variety of data-output needs
 - Grant access strategically
- BDM empowers business users to update docs
- Globalization Studio Workspace simplifies regulatory compliance

Suggested Resources

- Microsoft Learn
 - [Electronic Reporting \(ER\) overview](#)
 - [Electronic Reporting components](#)
 - [Business Document Management overview](#)
 - [Globalization Studio overview](#)
- www.loganconsulting.com



Thank you!

Daniel Burkeen

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