

Configurable Business Documents – Part 2

Today with you



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What
have we
learned
so far?

Agenda

1. Review of ER and CBDs
2. Finish our Free text invoice
3. Learn about new ER destinations
4. Discuss Pros and Cons (→ WII4ME)
5. Q&A

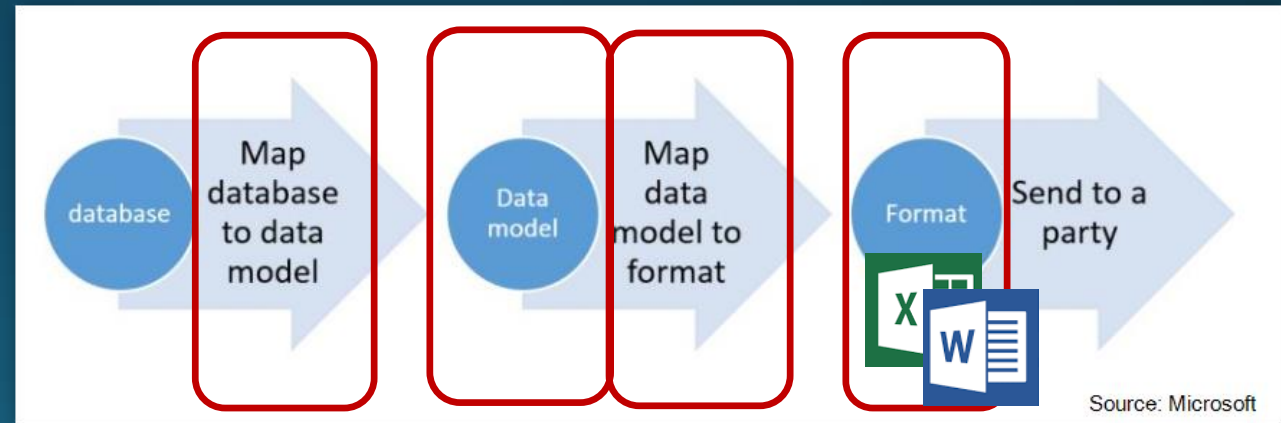
Webinar duration: ~35 minutes + Q&A

Review: ER And CBD Basics

1. ER idea: Configuration instead of code

2. What is a configuration in ER?

- Data model
- Model mapping
- Format
 - Format mapping
 - Template



3. Reporting Configurations Tool

Finance and Operations

Search for a page

Save + Create model Compare Map model to datasource Translate Options

Data model | SIMPLIFIED PAYMENTS MODEL : 1

+ New Delete

SEARCH

CustomerCreditTransferInitiation

MessageIdentification

Payments

(*)Creditor

Currency

(*)Debtor

Description

End2EndID

InstructedAmount

PaymentModel

TransactionDate

ProcessingDateTime

Party

Account

Currency

IBAN

Number

Agent

Name

RoutingNumber

SWIFT

Name

PaymentModel

Data model

Root reference

GENERAL

Name

PaymentModel

Description

Node

GENERAL

Name

CustomerCreditTransferInitiation

Label (*Recommended to use labels)

Description

TYPE

Natural key

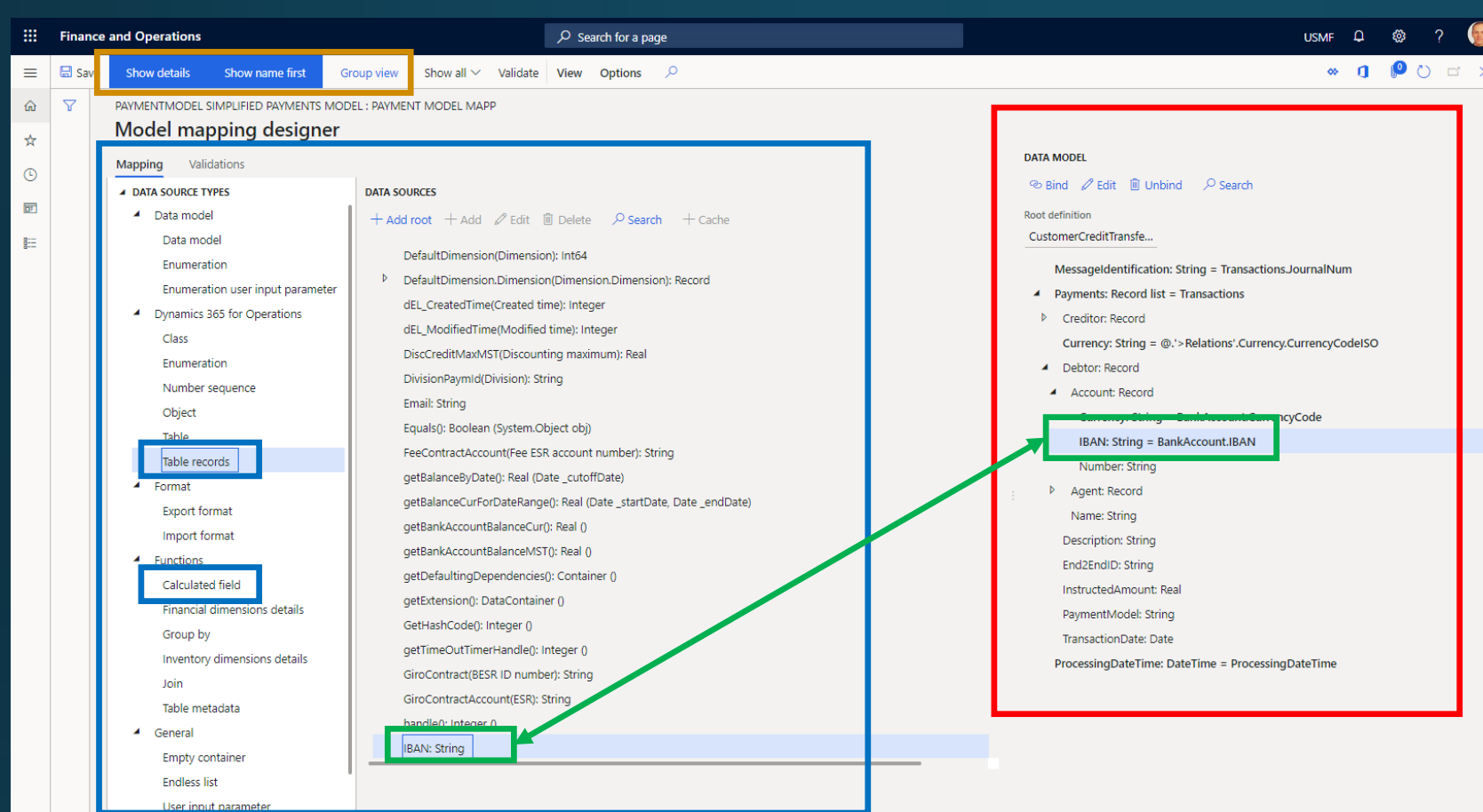
Current node properties

Reusable data structure

Operational data structure

Review: The Data Model

- Reusable data structure(s) on root level
- Operational data structure
- Node properties

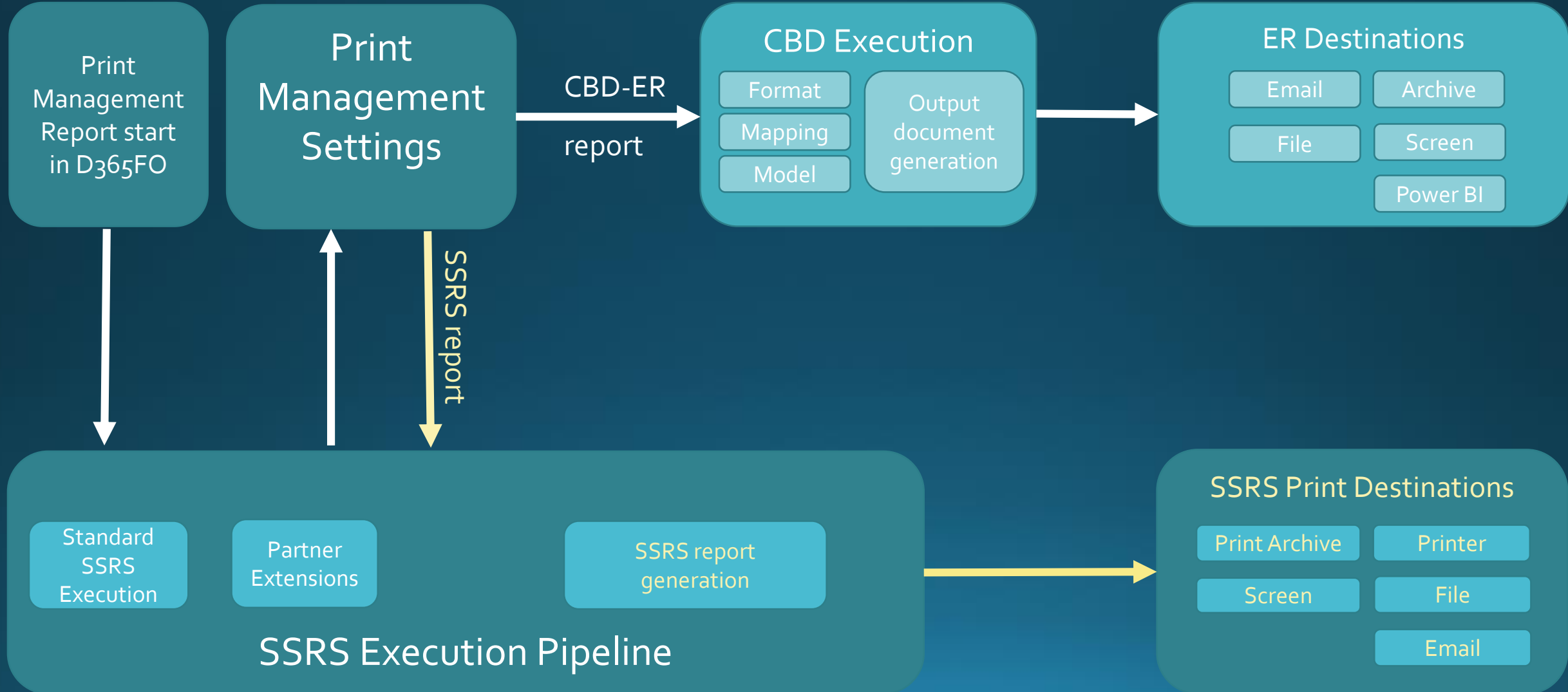


Review: The Data Model Mapping

- Our Data model is on the right
- Data sources are on the left; we will use:
 - Table records
 - Calculated fields
- Binding = matching data sources to the data model data elements, one-by-one

- **Review DEMO:
Configurations,
Data Model,
Model Mapping**

How CBDs Execute





Modifying the Format Configuration: The Old Way

- Format configuration modification in ER Configurations tool:
 - Data structure
 - Format mapping
 - Excel template down- and upload
- Template modification in Excel

Modifying the Format Configuration: The New Way

- New features announced in PEAP D365FO 10.0.8 (PU32)
- Not stable enough (yet – Dec 2019)
 - I tested this MS tutorial:
 - <https://docs.microsoft.com/en-us/dynamics365/fin-ops-core/dev-itpro/analytics/er-bdm-add-field-to-excel-template?toc=/dynamics365/finance/toc.json>
- We'll try and if it won't work, we'll do it the Old Way

Live DEMO:

Finalizing our Free text invoice

1. Show what doesn't work in the new version
2. Derive new configuration
3. Download, modify and upload Excel template
4. Modify format structure and map it to the Data model
5. Test

Invoice
Contoso Entertainment System USA

Company Address
123 Coffee Street
Suite 300
Redmond, WA 98052
USA

Phone
Fax
E-mail

Giro
Tax registration number 1234123400
Our tax exempt number
Enterprise number

Invoice for
Contoso Retail San Diego
456 Peach Road
San Diego, CA 92114
USA

FTI-00000002

Date January 21, 2017
Your reference
Our reference
Payment Net 10 days
Delivery Terms FOB
Invoice account US-001

Contact
Packing duty license number 35-12345
Your tax exempt number
Enterprise number

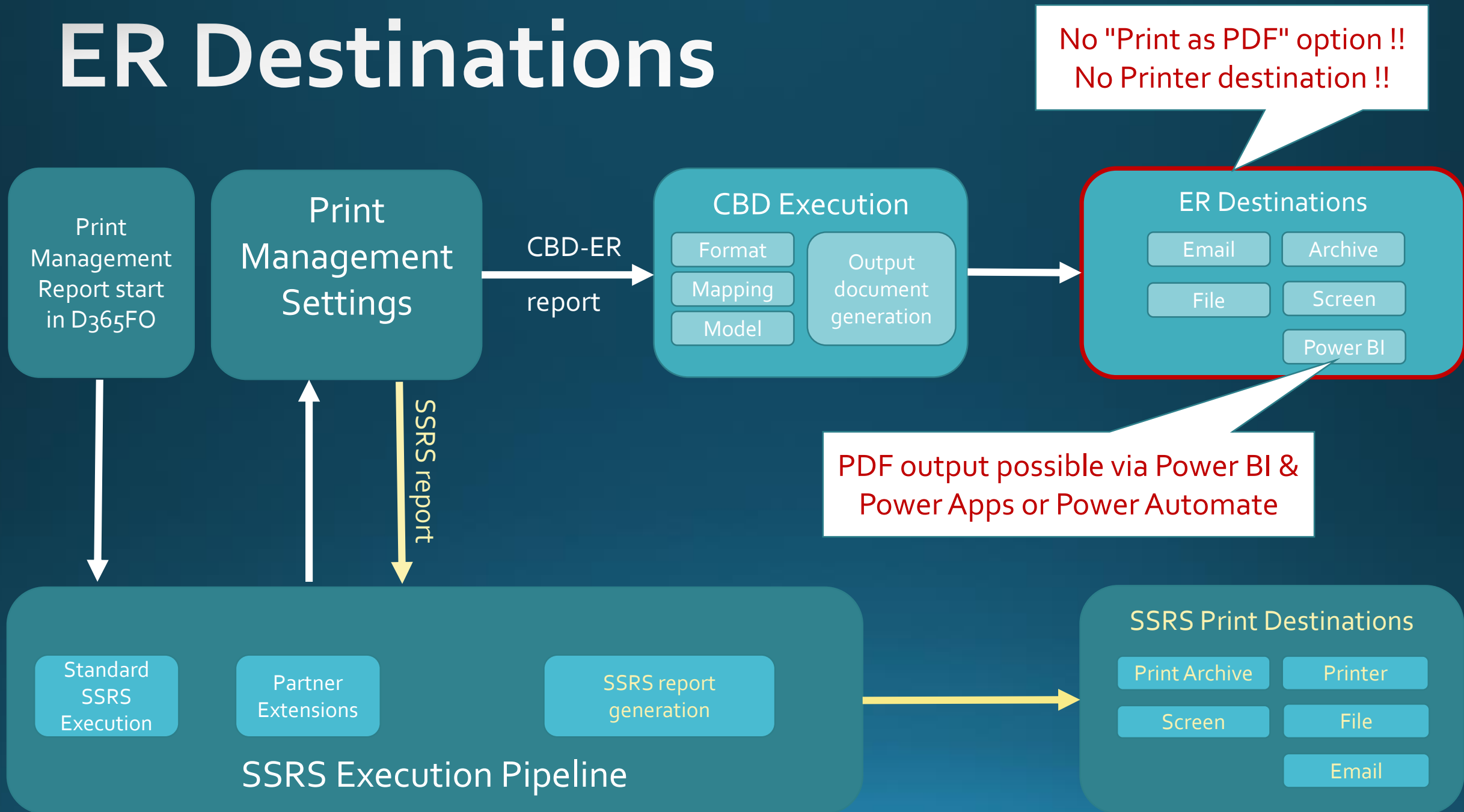
Description	Quantity	Unit price	Amount	Print code
Office supplies	1.00	250.00	250.00	

Depreciation of prepayments

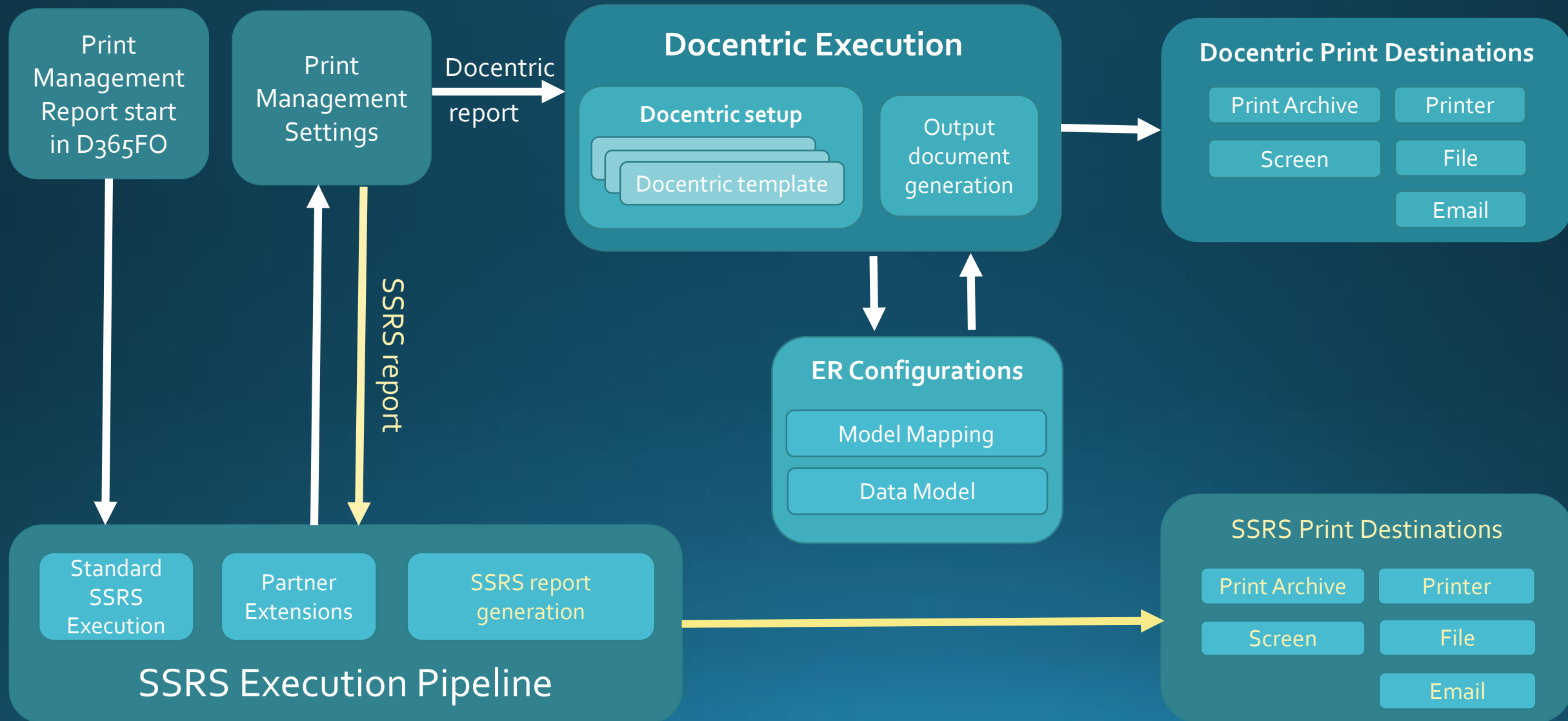
Date	Description	Amount
May 18, 2017		-268.13 USD
May 18, 2017		-268.13 USD

Sales subtotal amount	Total discount	Total charges	Net amount	Sales tax	Round-off	Currency	Total
250.00	0.00	0.00	250.00	18.13	0.00	USD	268.13

ER Destinations



How Docentric Enhances CBDs



Print Destination Comparisons:

Screen

Destination settings

Email	Enabled <input checked="" type="checkbox"/> Yes
Archive	
File	
Screen	
Power BI	

ER destinations

Print destination settings

Print archive	Save in print archive? <input type="radio"/> No
Screen	
Printer	
File	
Email	

SSRS Print destinations

Print destination settings - Docentric

Generate DS	Options Save in print archive? <input type="radio"/> No Print archive note Preview before print? <input type="radio"/> No Select template Template ID @DOCENTRIC_DEFAULT_TEMPLATE@
Print archive	
Screen	
Printer	
File	
Email	

Placeholders Show SSRS destinations

OK Cancel

Docentric Print destinations

Print Destination Comparisons:

Print Archive

Destination settings

Email	Enabled <input checked="" type="checkbox"/> Yes
Archive	Save in job archive <input checked="" type="checkbox"/> Yes
File	Type File
Screen	
Power BI	

ER destinations

Print destination settings

Print archive	Save in print archive? <input type="checkbox"/> No
Screen	
Printer	
File	
Email	

SSRS Print destinations

Print destination settings - Docentric

Generate DS	Options
Print archive	
Screen	
Printer	
File	
Email	
Save in print archive? <input type="checkbox"/> No	
Print archive note	
Preview before print? <input checked="" type="checkbox"/> No	
Select template	
Template ID @DOCENTRIC_DEFAULT_TEMPLATE@	
Placeholders	
Show SSRS destinations	
OK Cancel	

Docentric Print destinations

Print Destination Comparisons: File

Destination settings

Email ☒ Enabled Yes

Archive

File

Screen

Power BI

ER destinations

Print destination settings

Print archive

Screen

Printer

File

Email

Save in print archive? ☐ No

Name

File format

HTML4.0

CSV

Microsoft Excel

HTML4.0

Image

MHTML

PDF

XML

SSRS Print destinations

Print destination settings - Docentric

Generate DS

Print archive

Screen

Printer

File

Email

Options

Select template

Output filename and format

Output filename: Free text invoice.pdf

Output file format: PDF

Download output file: ☒ Yes

Set the output filename suffix

Use document ID: ☐ No

Use timestamp: ☐ No

Use GUID: ☐ No

Save to Azure storage: ☐ No

Blob container

Blob path

Blob name

Override file if exists: ☐ No

Save to SharePoint: ☐ No

Site URL

Folder path

Override file if exists: ☐ No

Save to Attachments: ☐ No

Document type

Record type

Context record

Restriction

Internal

If Attachment already exists

Create a new Attachment

Save to File system: ☐ No

Shared folder

Full filename

Override file if exists: ☐ No

Placeholders

Show SSRS destinations

OK

Cancel

Docentric Print destinations

Print Destination Comparisons: Email



Destination settings



Email

Enabled ☒ Yes

To Edit

Cc Edit

Subject  

Body  

Archive

File

Screen

Power BI

ER destinations

Print destination settings

Print archive

Screen

Printer

File

Email

Save in print archive? ☐ No

To Edit

Cc Edit

Subject

File format HTML4.0

SSRS Print destinations

Print destination settings - Docentric

Generate DS

Print archive

Screen

Printer

File

Email

Options

Select template

To, Subject

To

Subject Free text invoice @Invoiceld@

Open email before sending ☒ No

Attachment

Attachment name Free text invoice @Invoiceld@.pdf

Output file format PDF

Cc, Bcc, From

Cc

Bcc

From

Body

Placeholders

Show SSRS destinations

Options

Select template

To, Subject

Attachment

Cc, Bcc, From

Body

Additional attachment rules (0)

Modify...

Placeholders

Show SSRS destinations

OK

Cancel

Docentric Print destinations

Print Destination Comparisons:

Printer

Destination settings

- Email
- Archive
- File
- Screen
- Power BI**

ER destinations
have no Printer
destination

Print destination settings

- Print archive
- Screen
- Printer**
- File
- Email

Save in print archive?
☒ No

Name
HPDocentric (HP Officejet Pr... ▼

SETTINGS

Orientation
Default ▼

Print on both sides
None ▼

Collated
☒ No

Copies
1

PAGE RANGE

☒ ALL
☐ PAGES

From To
0 0

SSRS Print
destinations

Print destination settings - Docentric

- Generate DS
- Print archive
- Screen
- Printer**
- File
- Email

Options

Select template (SSRS)
▼

Select printer
Printer name
@DEFAULT_PRINTER@ ▼

Printer settings

Orientation
Default ▼

Print on both sides
None ▼

Collated
☒ No

Copies
1

PAGE RANGE

☒ ALL
☐ PAGES

From To
0 0

Print as PDF

Print as PDF
☒ No

Output PDF file name

Placeholders

Show SSRS destinations

OK Cancel

Docentric Print
destinations

Print Destination Comparisons: Power BI

Destination settings

Email

Archive

File

Screen

Power BI

Enabled
☒ Yes

SharePoint

Type ↑

FileSP

Template

ER destinations

SSRS Print
destinations can't save
to SharePoint

Docentric File print
destination can save
to SharePoint

Print destination settings - Docentric

Generate DS

Print archive

Screen

Printer

File

Email

Options

Select template (SSRS)

Output filename and format

Output filename

Free text invoice.csv

Output file format

CSV

Download output file

☒ Yes

Set the output filename suffix

Save to Azure storage

Save to SharePoint

☐ No

Site URL

Folder path

Override file if exists

☐ No

Save to Attachments

Placeholders

Show SSRS destinations

OK

Cancel

Live DEMO: Using ER Destinations

What's
in it for
me?



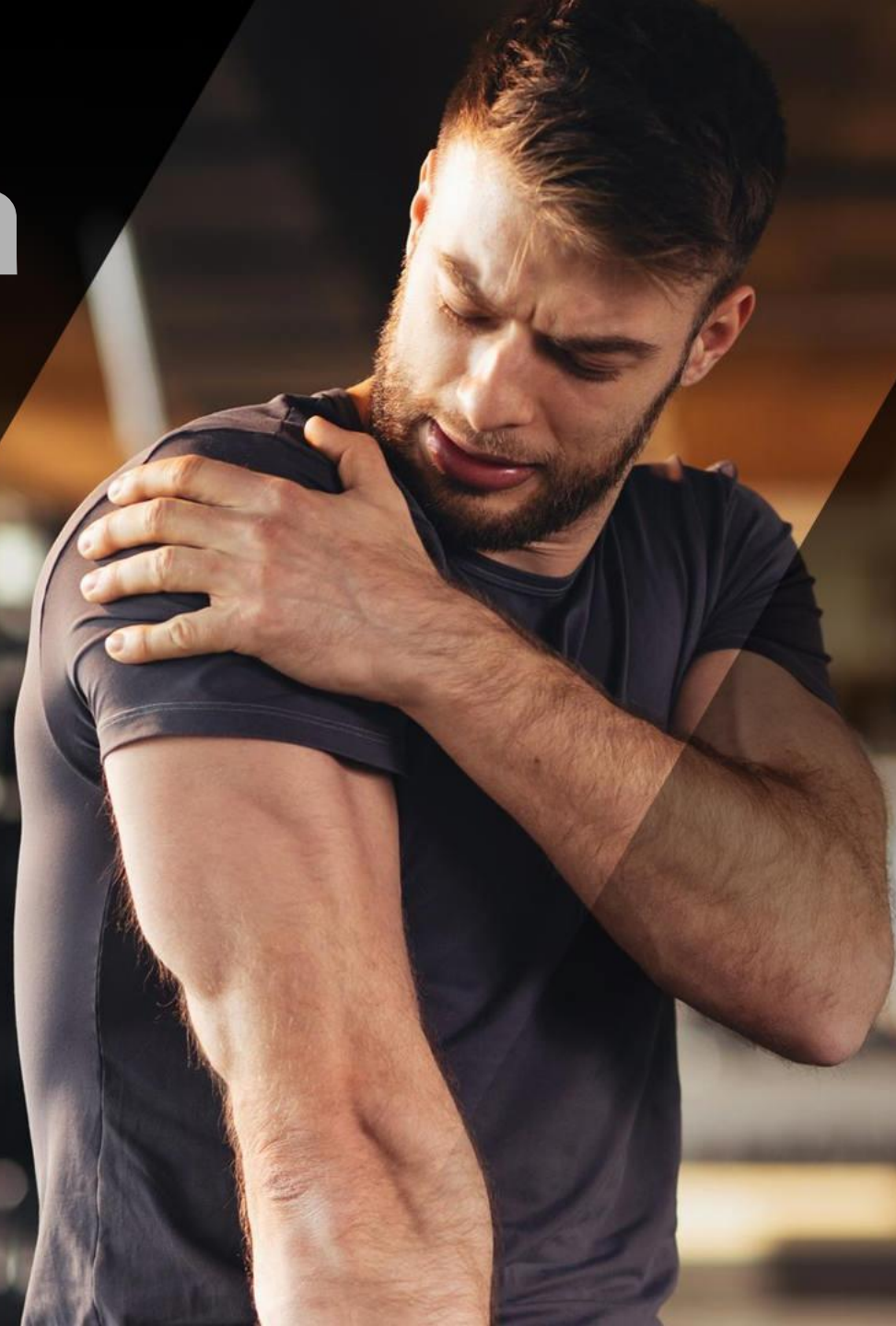
That's
cool?



Pros

1. Adding missing data on the reports
2. Preserved investments in SSRS reports
3. No developers, no deployments
4. More empowered functional consultants

That's a
pain?



Cons

1. Complexity, poor documentation, unstable features
2. Un-friendly user experience
3. No "Print as PDF" document output option
4. No Printer destination in ER Destinations
5. No Format configurations with the Word templates (as of December 2019)
6. Difficult design
7. Difficult error troubleshooting

Docentric solved all of these deficiencies and more!!!

Summary

1. Review of ER and CBDs ✓
2. Free text invoice finished ✓
3. ER destinations explained ✓
4. Pros and Cons ✓

The Best Comes at the End

January 2020 webinar:

Docentric Enhanced Configurable Business Documents

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<https://www.linkedin.com/company/docentric>

- Watch and subscribe to our channel



https://www.youtube.com/channel/UCIYs6I_YW3P_TDANDkW9LUw

Questions & Answers

Thank you !
And join us again in January!

ax.docentric.com

<https://ax.docentric.com/new-year-puzzle>