

#### Infor CloudSuite Technical

## Agenda

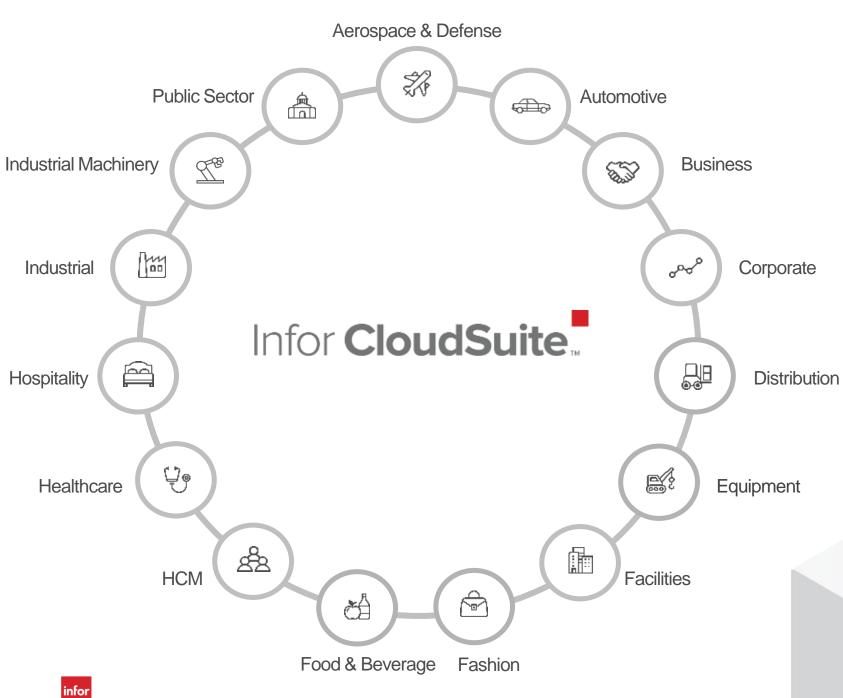
De siste årene har det vært en sterk utvikling rundt dokumenthåndtering i og rundt Infor M3. I dette webinaret ser vi nærmere på Infor Document Manager (IDM) for håndtering av både utskrifter og dokumentarkiv. En overordnet diskusjon om IDM som et arkiv, men også som en integrert del av Infor OS, som gir oss muligheten for å jobbe med Workflow, eksterne integrasjoner og mye mer.

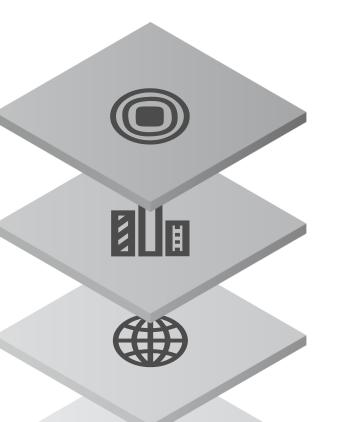
#### Du kan forvente deg følgende innhold:

- Dokumenthåndtering med IDM, M3 og kompletterende dokumenter
- Kontekstapplikasjoner med H5 og Widgets
- > Utskriftshåndtering og sammenligning med StreamServe Story Teller
- Integrasjoner med eksterne løsninger

**TECHNOLOGY STRATEGY** 

## **Pre packed Business Suites**







**Birst** 

A.I.

Coleman

#### **Network**

Commerce, Applications, Devices

#### Cloud

Industry CloudSuites

### **Industry**

Last Mile Features

#### **Platform**

Infor Operating Service (OS)

### **Amazon Web Services**

Hosting Platform



### Infor OS – Its All About Data!

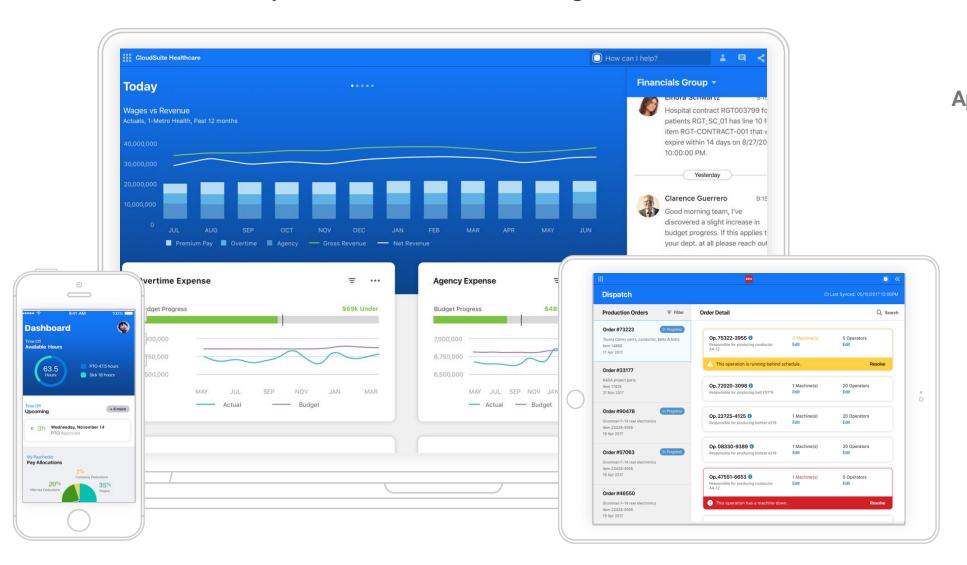
Infor Operating Services provides a digital cloud gateway allowing for integration, collaboration, extensibility, and innovation beyond what is achieved at go-live



















## The Infor Technology Innovation Platform

#### **User Experience**

- Application Portal
- Drill-back
- Bookmarks
- In-context
- Homepages
- Documents (IDM)
- Mobile
  - Infor GO\*

#### **Security**

- Single Sign-on / out
  - Federated authentication
  - Multi-Factor
  - SCIM Interfaces
- Users / Roles
- Groups
- Auditing / Monitoring
- External users

#### Integration

- Process Integration
- Activity Monitoring
- Workflow
- API Gateway
- Orchestration
- Scripting
- Graphical Mapping

#### **App / Widgets**

- Activity Feed
- Central Inbox
- User-defined workflows
- Workflow viewer
- Statistics
- User-defined Alerts (Alarms)

#### **Data Management**

- Data Lake\*
- Data Catalogue
- Data Services APIs\*
- Data Pipelines\*
- Archiving\*
- Duplicate Record Detection\*

#### AI / Machine Learning\*

- Digital Assistant
- Automated Skills
- Contextual Al
- AI / ML Platform
- Al Apps

#### **App. Development**

- (Cloud) Dev Framework
- Composite Apps
- SoHo UX Library
- Reports
- Extensibility

#### Risk & Compliance\*

- Segregation of Duties (SOD)
- Sensitive Access Risks
- Process insights
- Configuration insights
- What-if scenarios

<sup>\*</sup> Infor Multi Tenant SaaS Cloud Only



### **Technical Assessment Focus Areas**

Resources

Plan coming activities

Modifications

Integrations

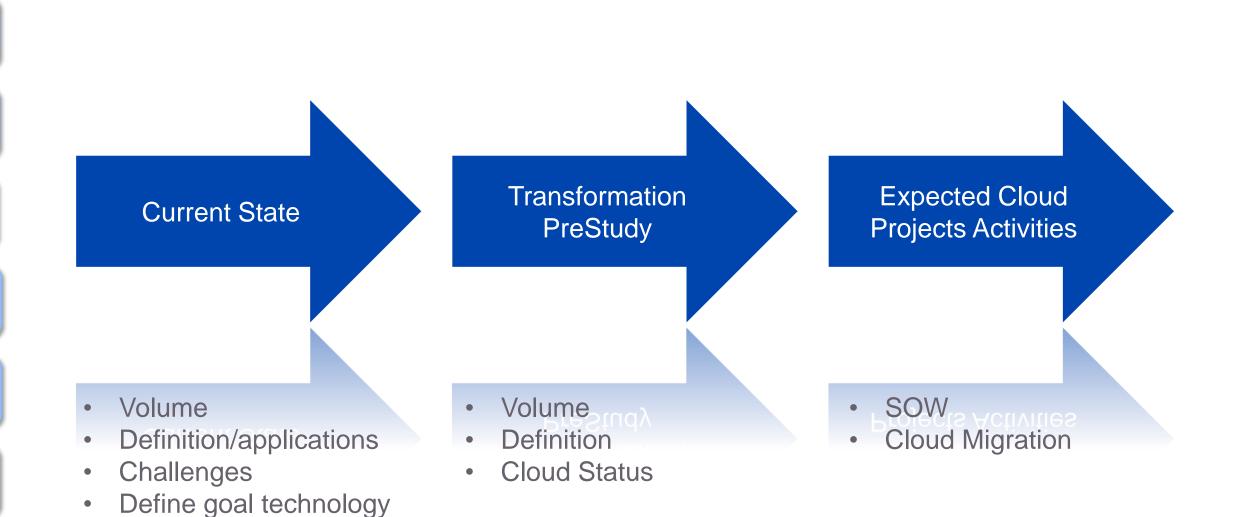
Data Management

Printing and Documents

User Interface

**Country Demands** 

**Data Migration** 





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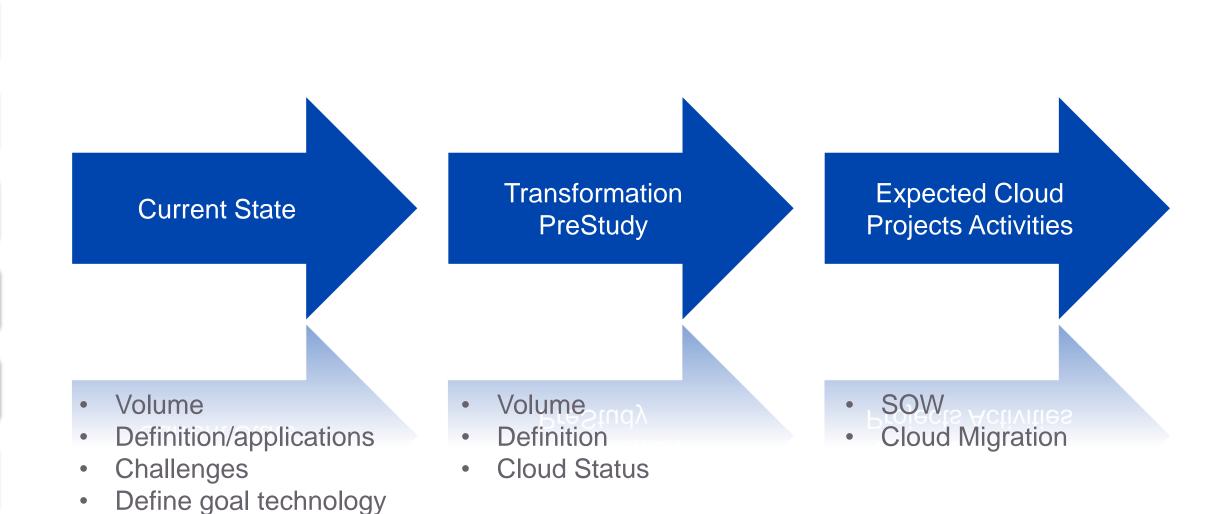
Data Management

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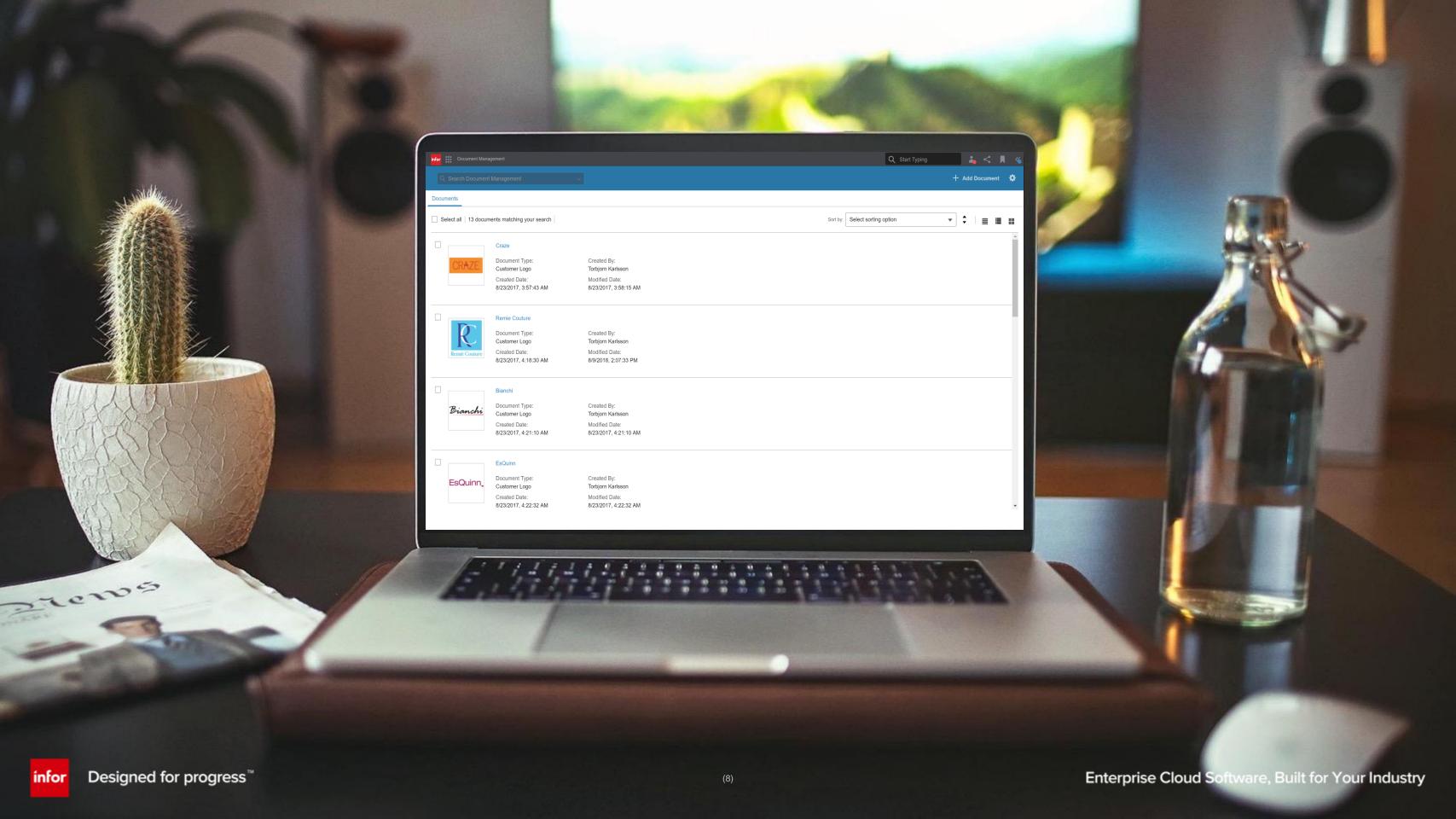
User Interface

**Country Demands** 

**Data Migration** 







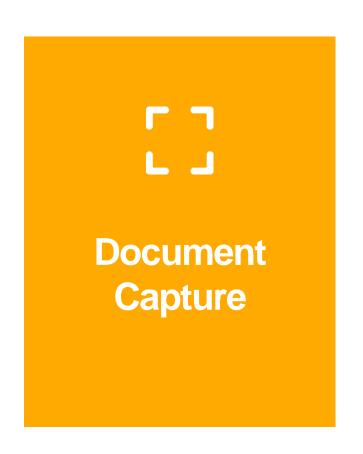
### **IDM** in Short

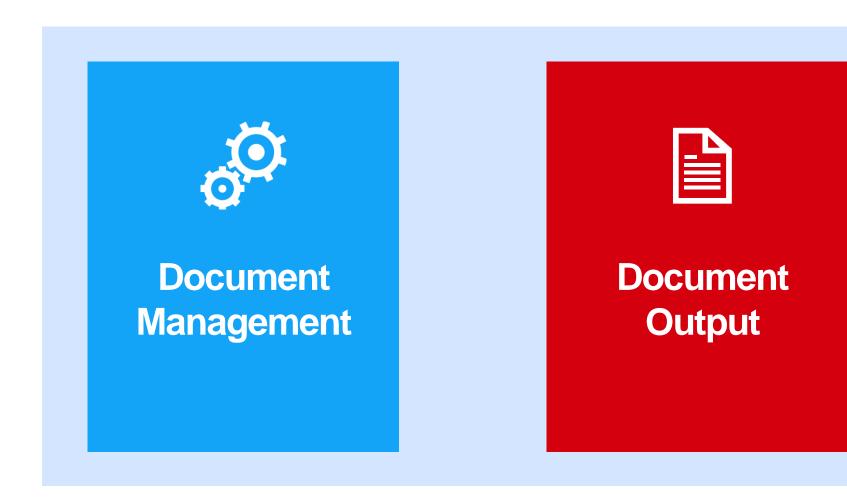
Infor Document Management works to simplify business processing by providing a central repository for any and all files required within the organization. With the ability to provide documents in context, serve up documents as a homepage widget, and provide sophisticated search capabilities, IDM allows superb flexibility in managing related documentation within the ERP.

Additionally, a new IDM mobile app allows for on the go access to business documents and the ability to quickly add files from your mobile device to further extend the capabilities of the business.



## **Infor Document Management**







### Core Features

os <sup>•</sup>

#### **INTEGRATION**

Native integration with Infor OS applications



#### DATA MANAGEMENT

Full lifecycle management for documents and business content



#### **SEARCH**

Free text and metadata enabled searching



#### **CONTEXT**

Automatically link and view documents in the context of application data



#### **WORKFLOWS**

User-defined workflows via Infor ION



#### **SECURITY**

Role-based security model built on IFS

### Core Features



#### **HOMEPAGE WIDGETS**

Customize document views using IDM widgets



#### Collaboration

Share document with Infor OS integrated tools



#### **INFOR SEARCH**

Locate documents in IDM via Infor Search



#### **RELATED DOCUMENTS**

Link documents, across document types, based on metadata



#### STITCHING

Merge and download multiple documents into a single PDF file.



#### **MOBILE APP**

Mobile application available for iOS and Android

Infor OS - IDM

## More features

migration utility

share as email attachments

api-based functionality

archive data

document owners

video playback

document templates

xquery functions

streamserve adapter retention policies

flexible user interface

navigation panel

document owners

translations

local printing

job management

check in / check out

feature toggles

filter content by role

### **Document Management**



### What is a Document in IDM?

A Document is a file wrapped with:

**Properties** 

Metadata or attributes

Document Type

Defined by the properties and attributes

Documents are stored in collections per document type

Can reflect an actual business entity

 Captured supplier invoice, printed sales order

Can be a related document

 Fact sheet, item image, warranty description Not defined by the file type stored

Any file type can be stored as an IDM Document

Different file types can be stored as the same document type (In some cases a type of file can define a Document Type) **IDM Document** 

File
Properties
Attributes

PDF

XLS

PPT

DOC

MULTI-MEDIA



## Key terminology

**Document Type:** themes corresponding to documentation

- Customer invoice
- Requisition
- Repair manuals
- Items

Attributes (metadata): configurable per document type

File Type: N/A; any file type can be stored on any document type

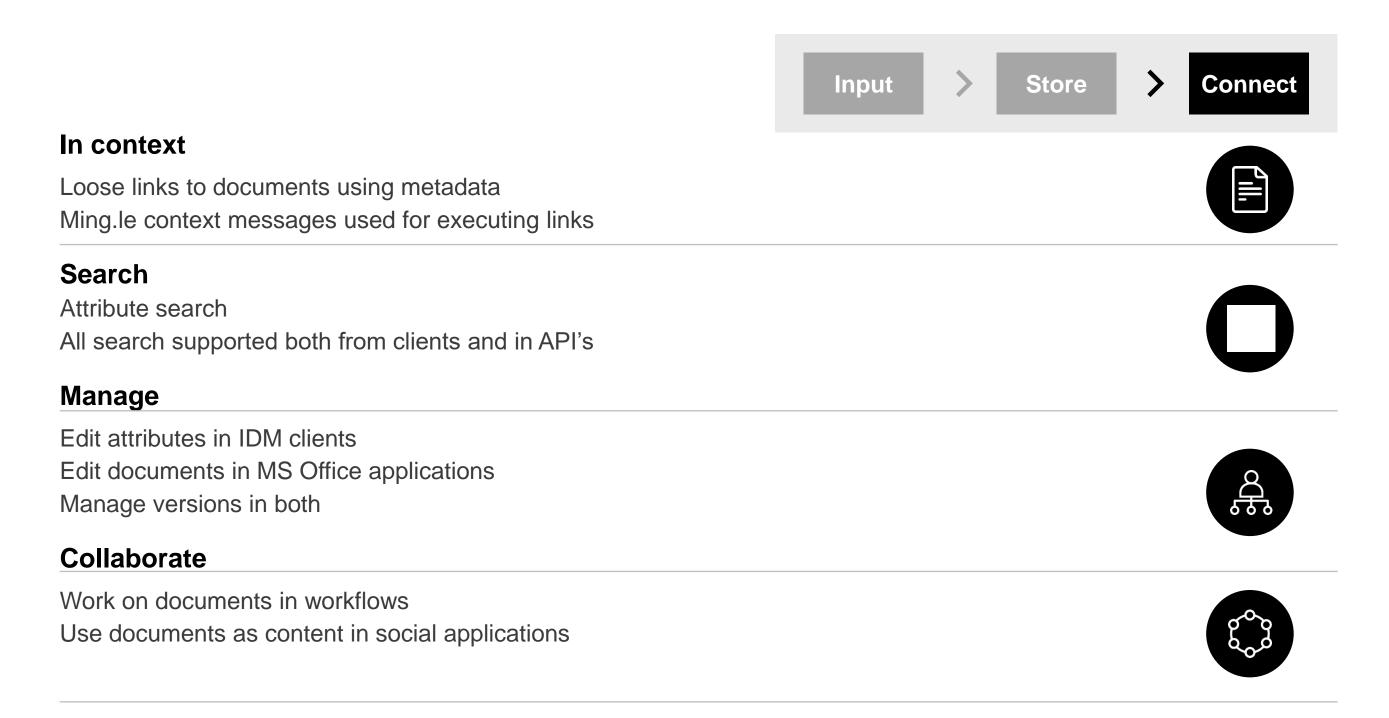
Ex. your invoices can be stored as pdf, doc, etc.

ACL: Access Control List: security defined within IDM

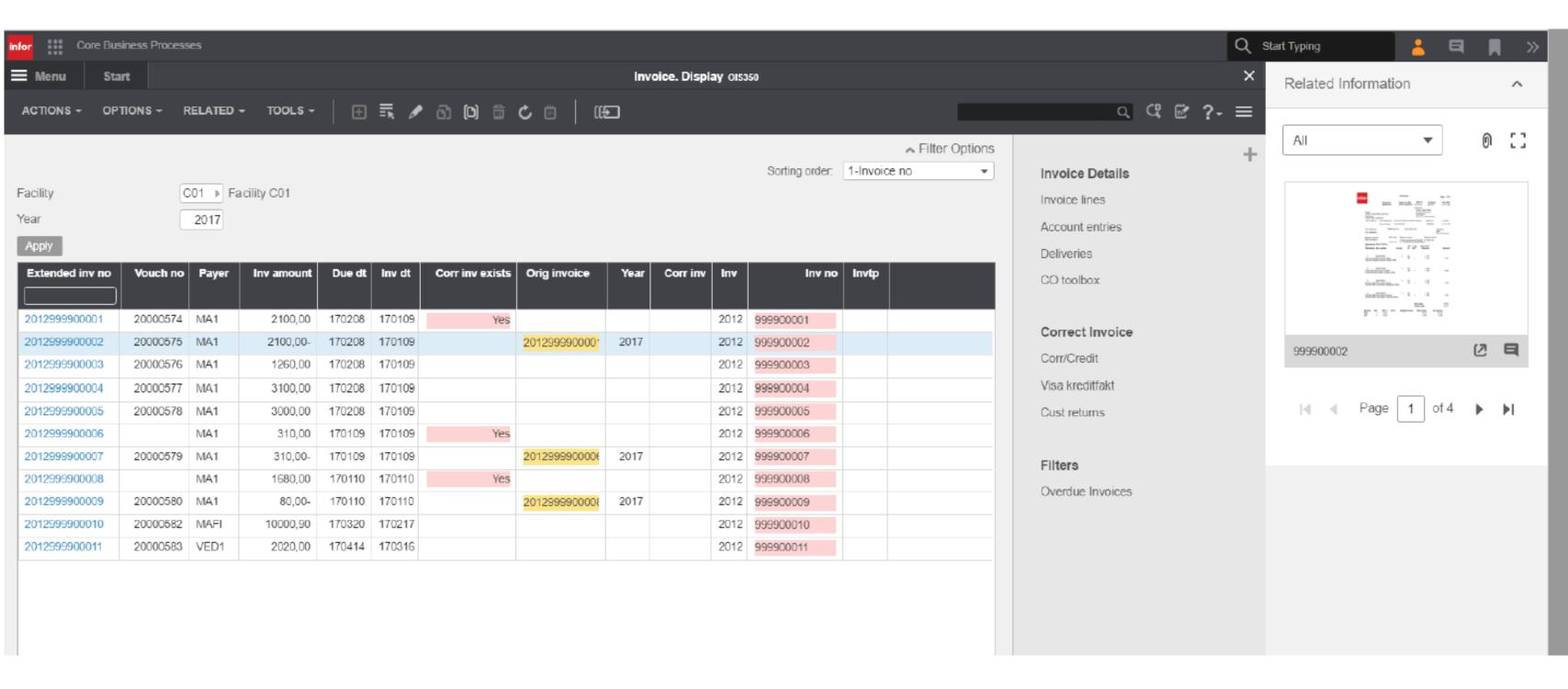




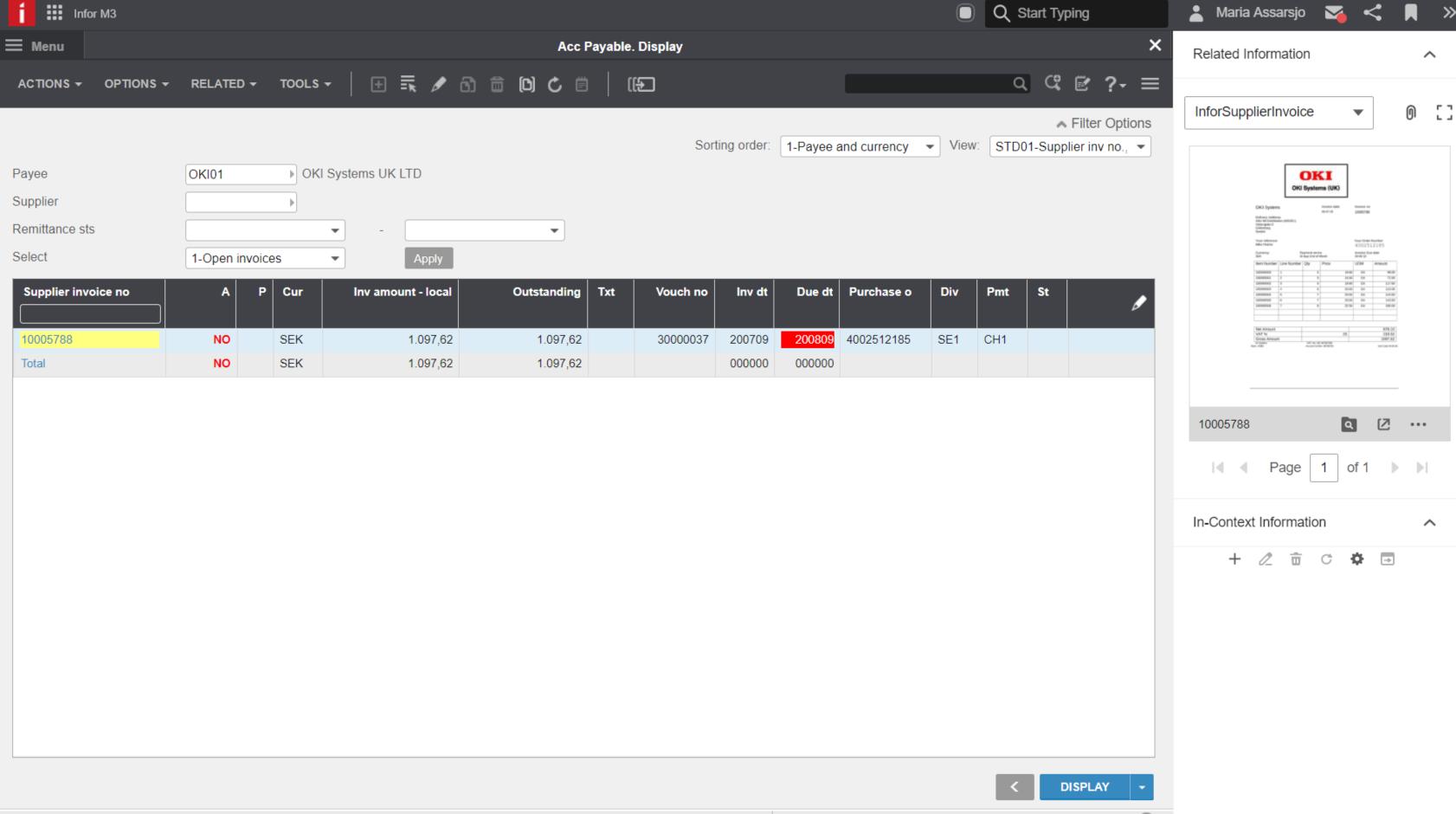
## Infor Document Management (Connect)

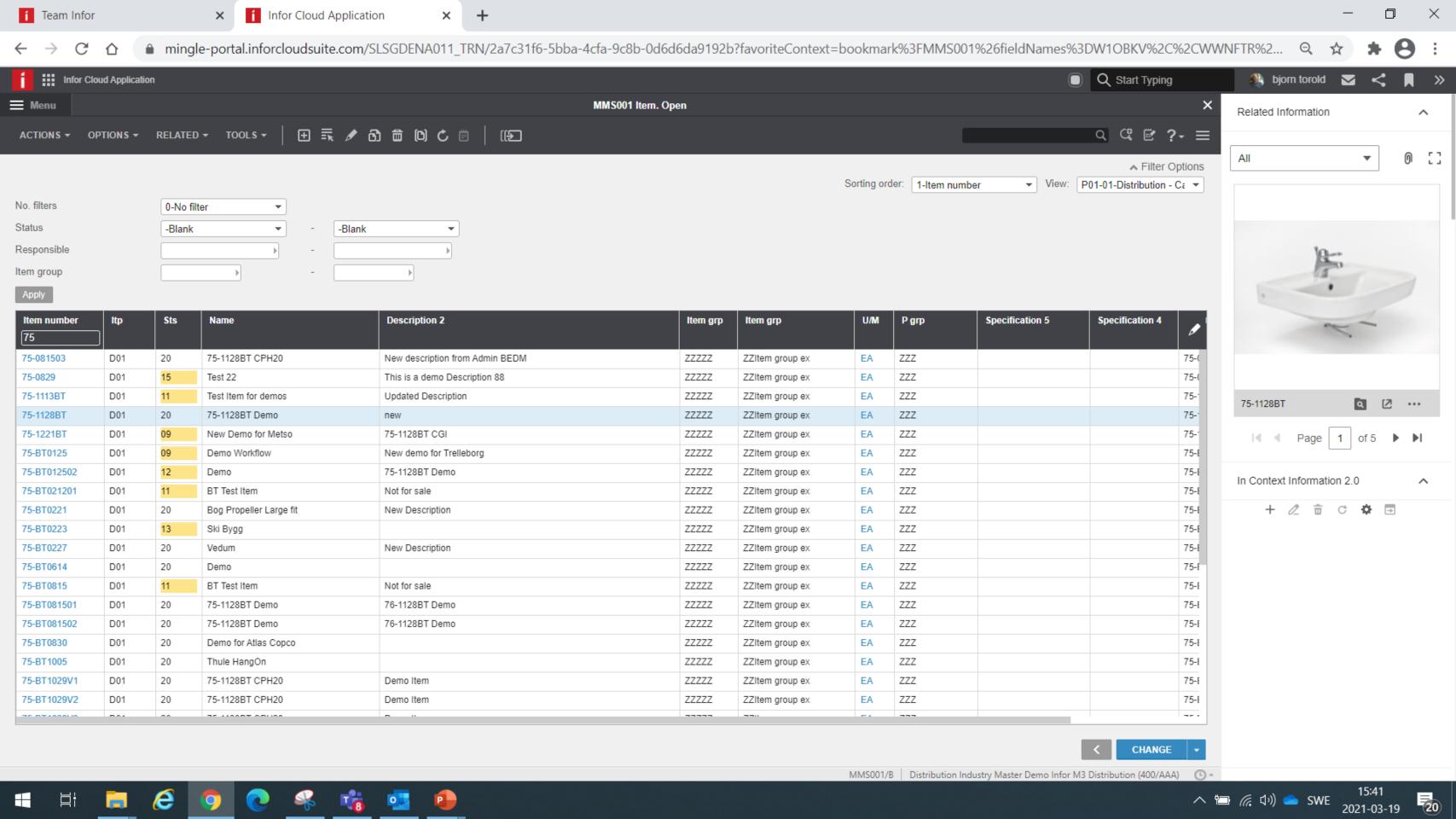


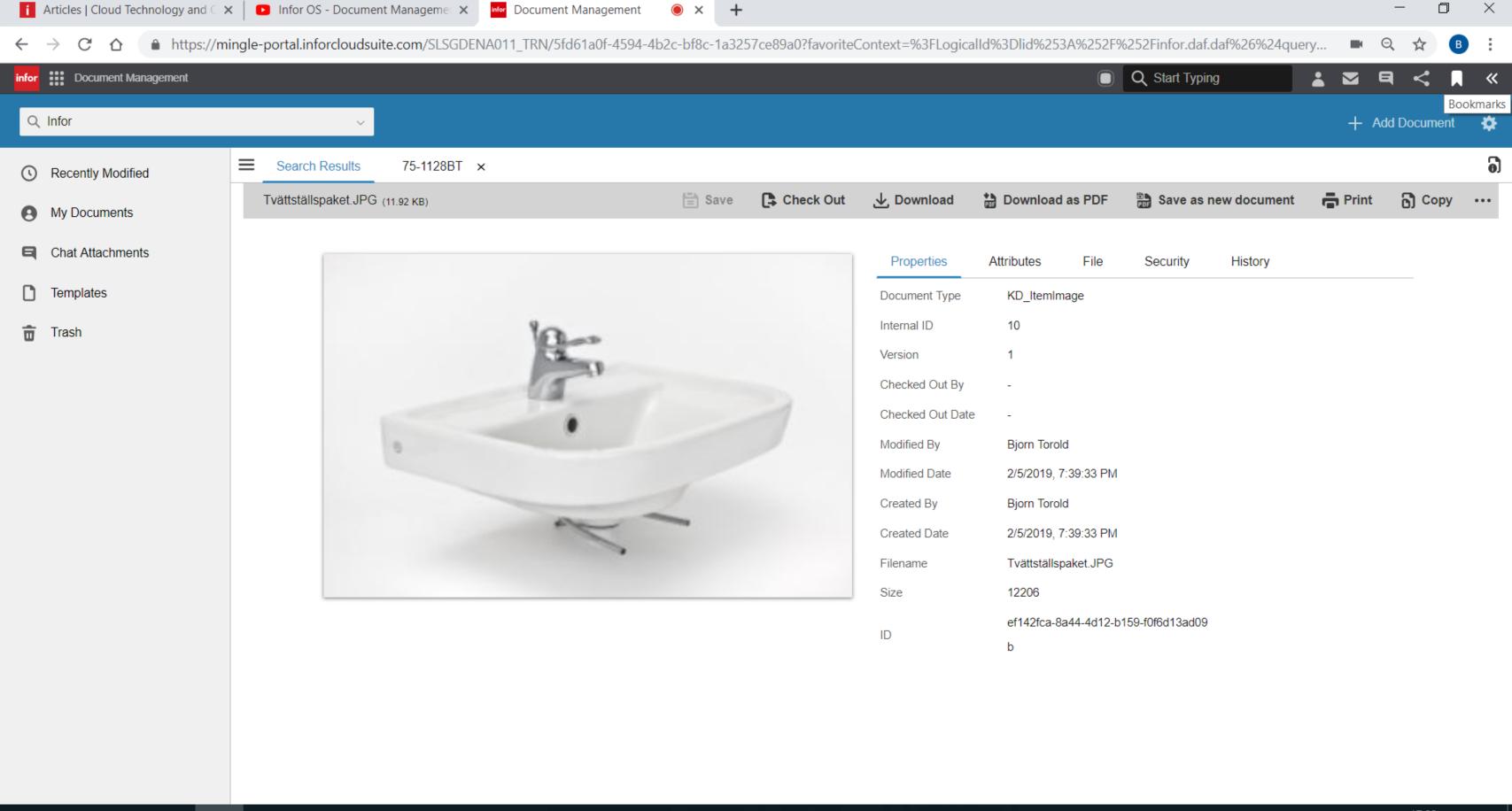
#### **Customer Invoice in context view**















## Infor Document Management (Input)

### Automated

Automatically add documents from adopting applications Input documents using API calls (Directly from M3 or Capture)





#### Manual

Manually add documents using IDM clients

Manually add documents in-context

Add to the back-end directly with office applications



#### Metadata

Used for referring documents to ERP data

Capture metadata from ERP business documents



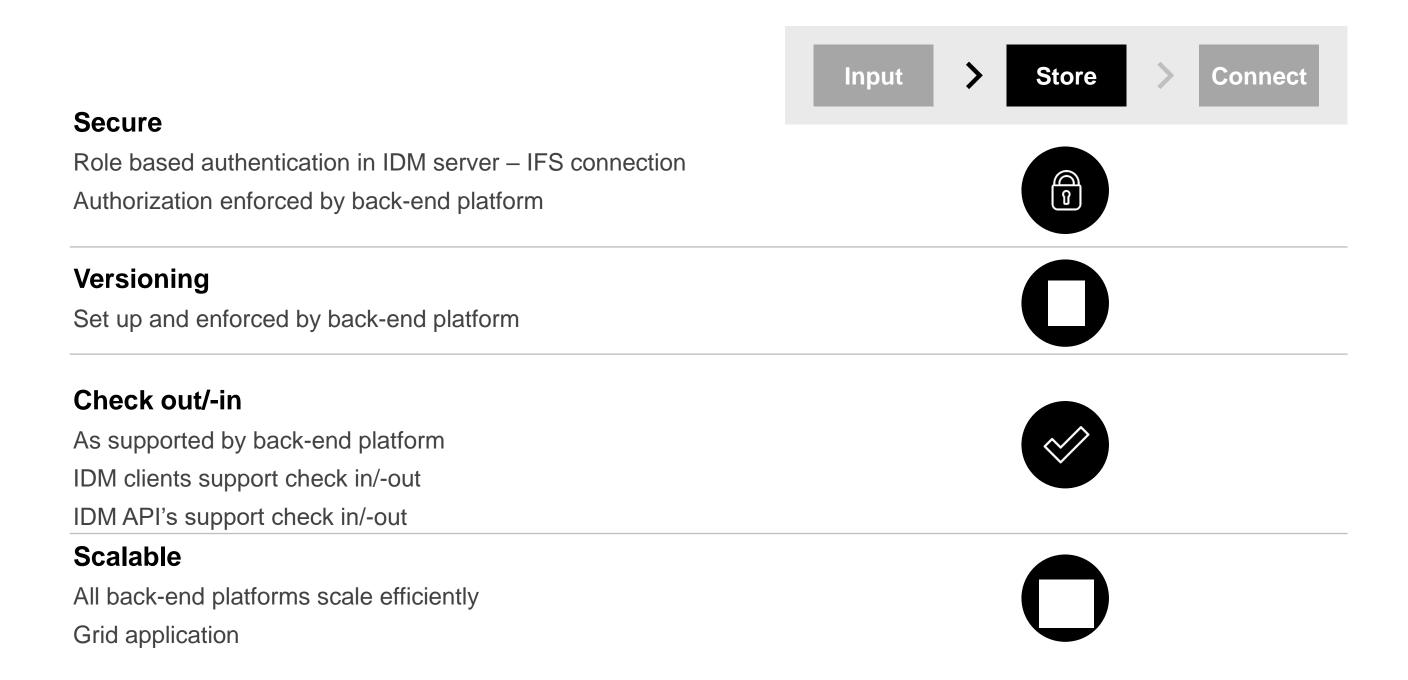
#### **Archive**

Archive printed documents



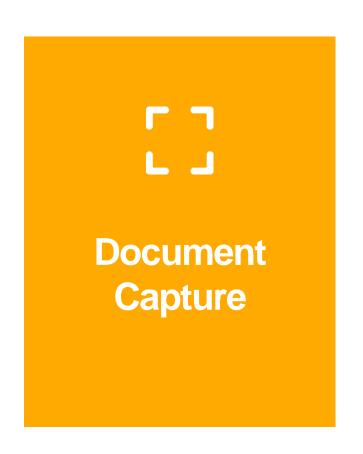


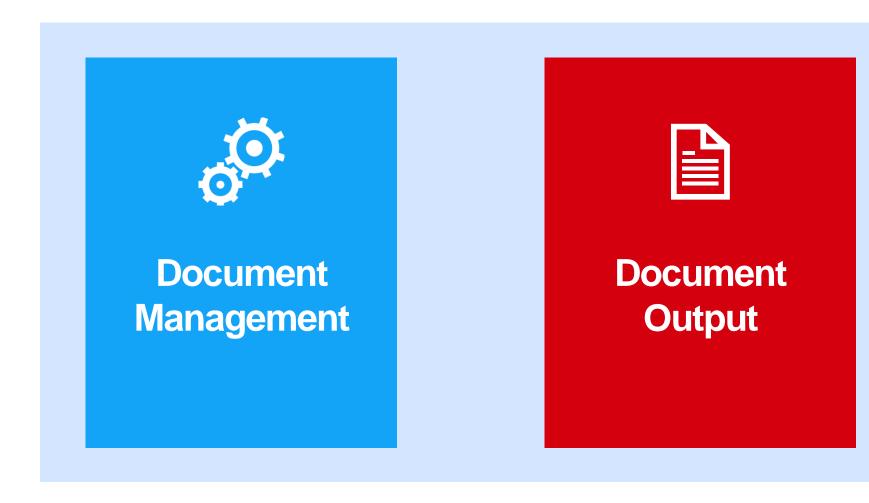
## Infor Document Management (Store)





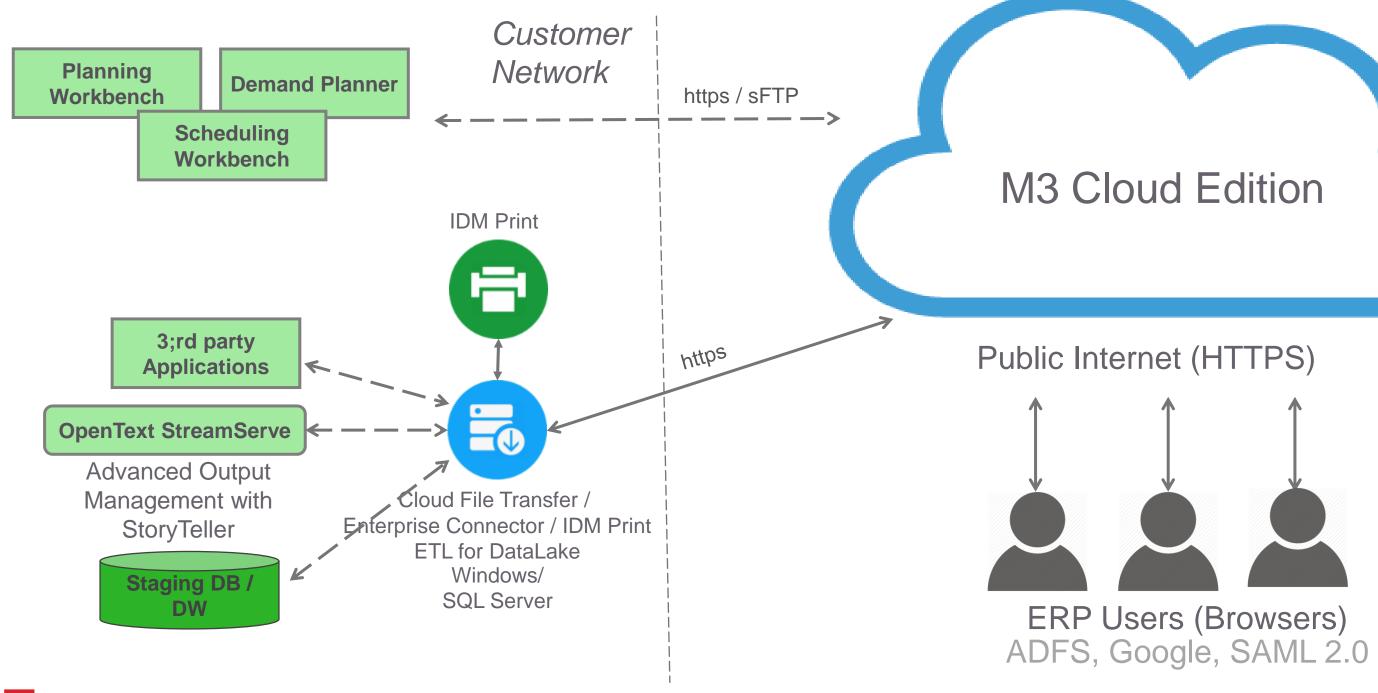
## **Infor Document Management**



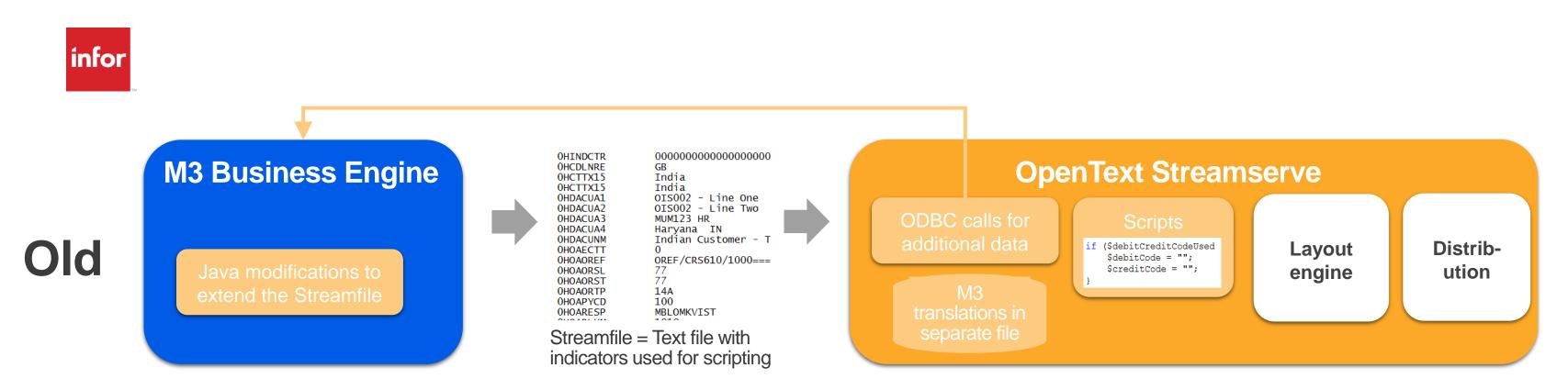




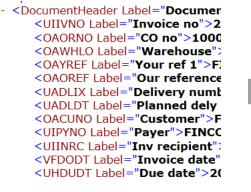
### **M3 Cloud Edition - Connections**



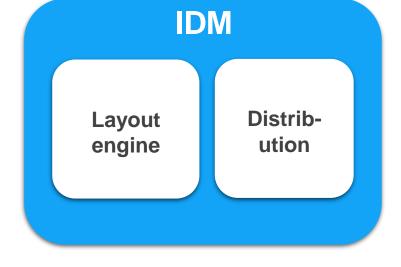
### **New Extendible Solution**







Multi level XML file including translations and metadata.

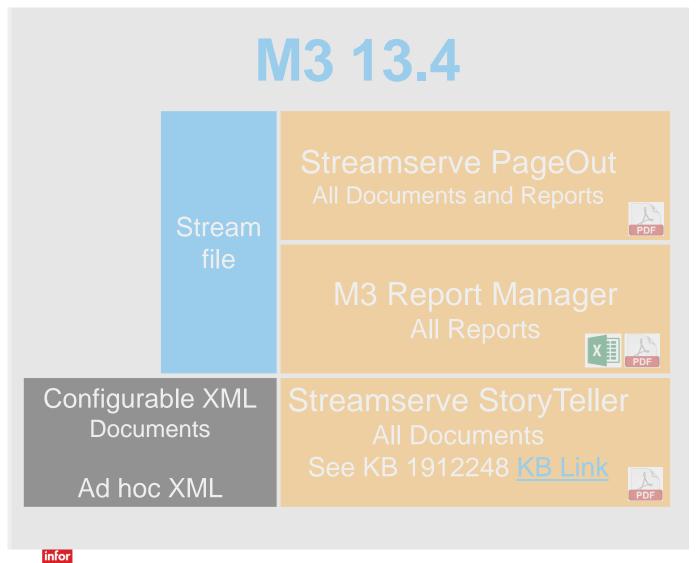


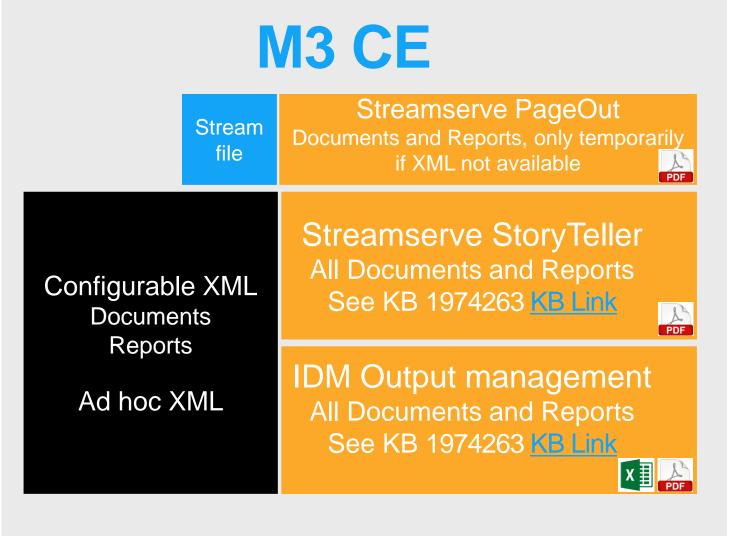


## M3 CE Output Management

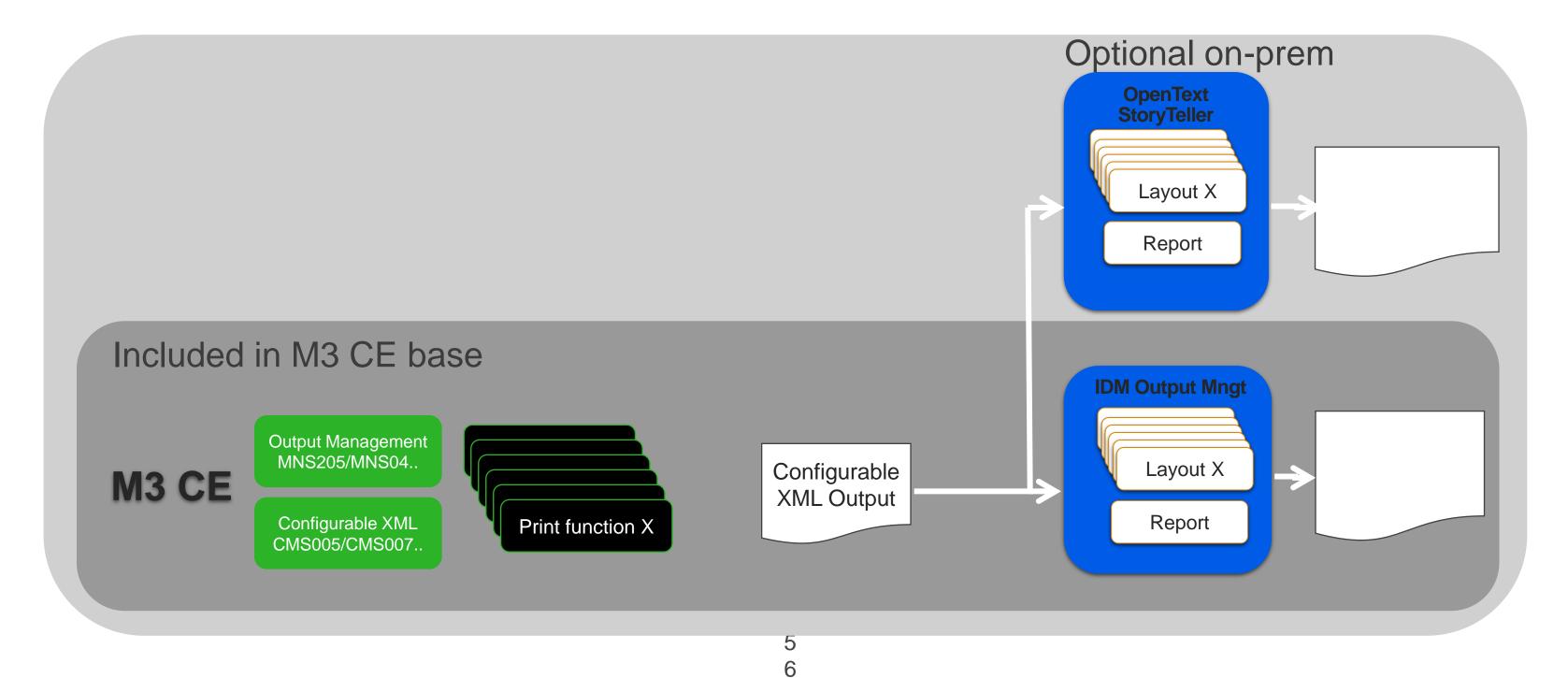


The content is created through M3 Output functions and then sent to an Output management applications for layout design and distribution.



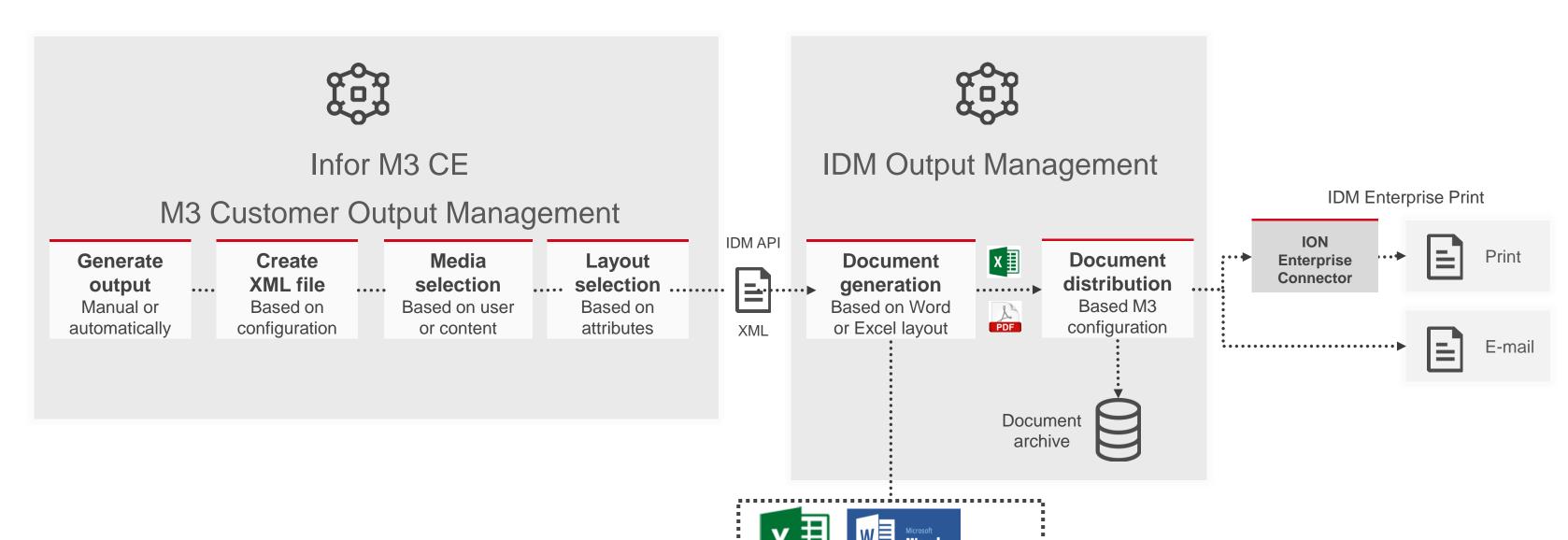


## M3 CE - Configurable Output Management





## Infor M3CE – IDM Output Management



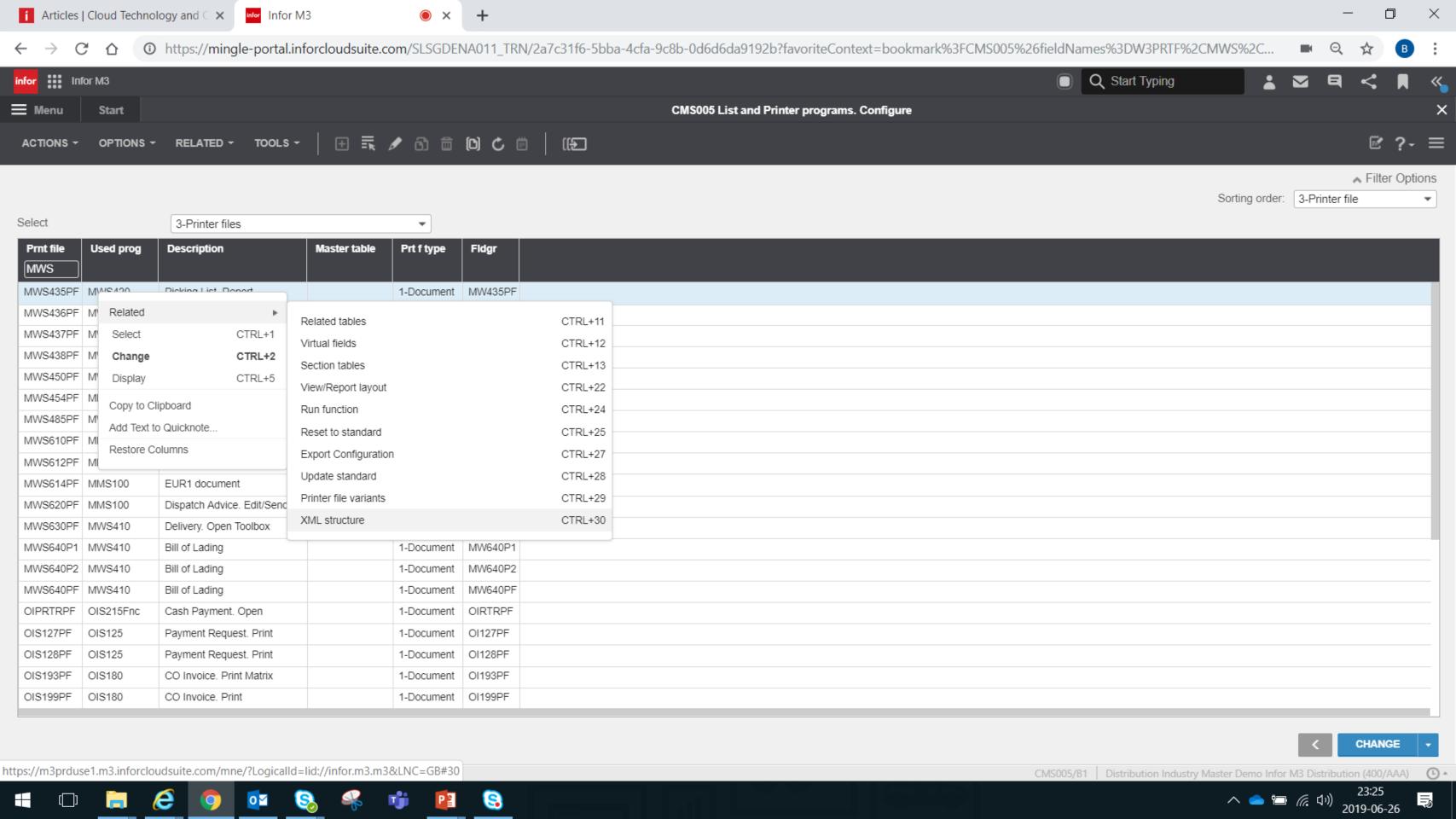


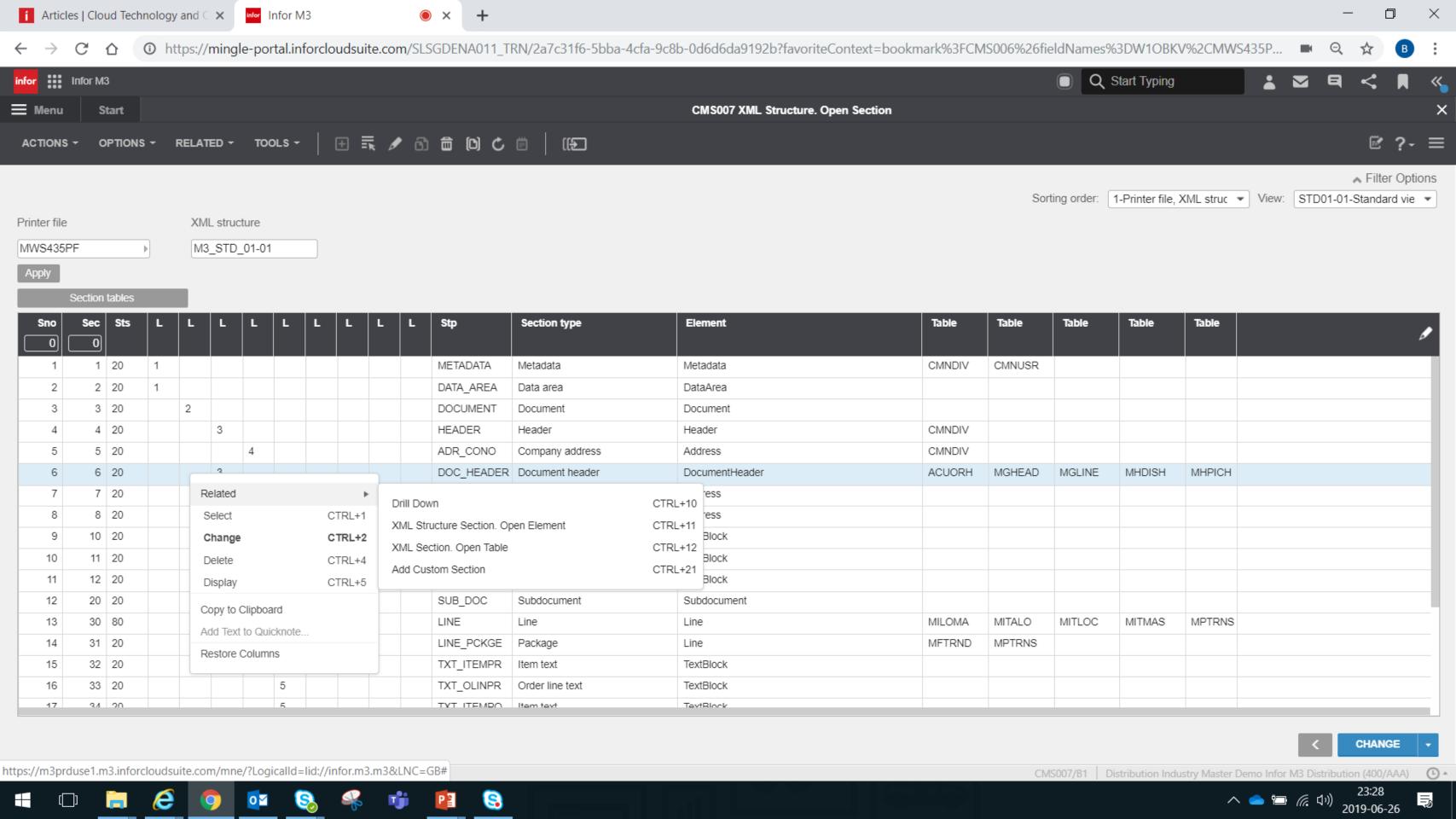
# Configurable XML file

Central component in M3CE Output management is the multi-level XML file

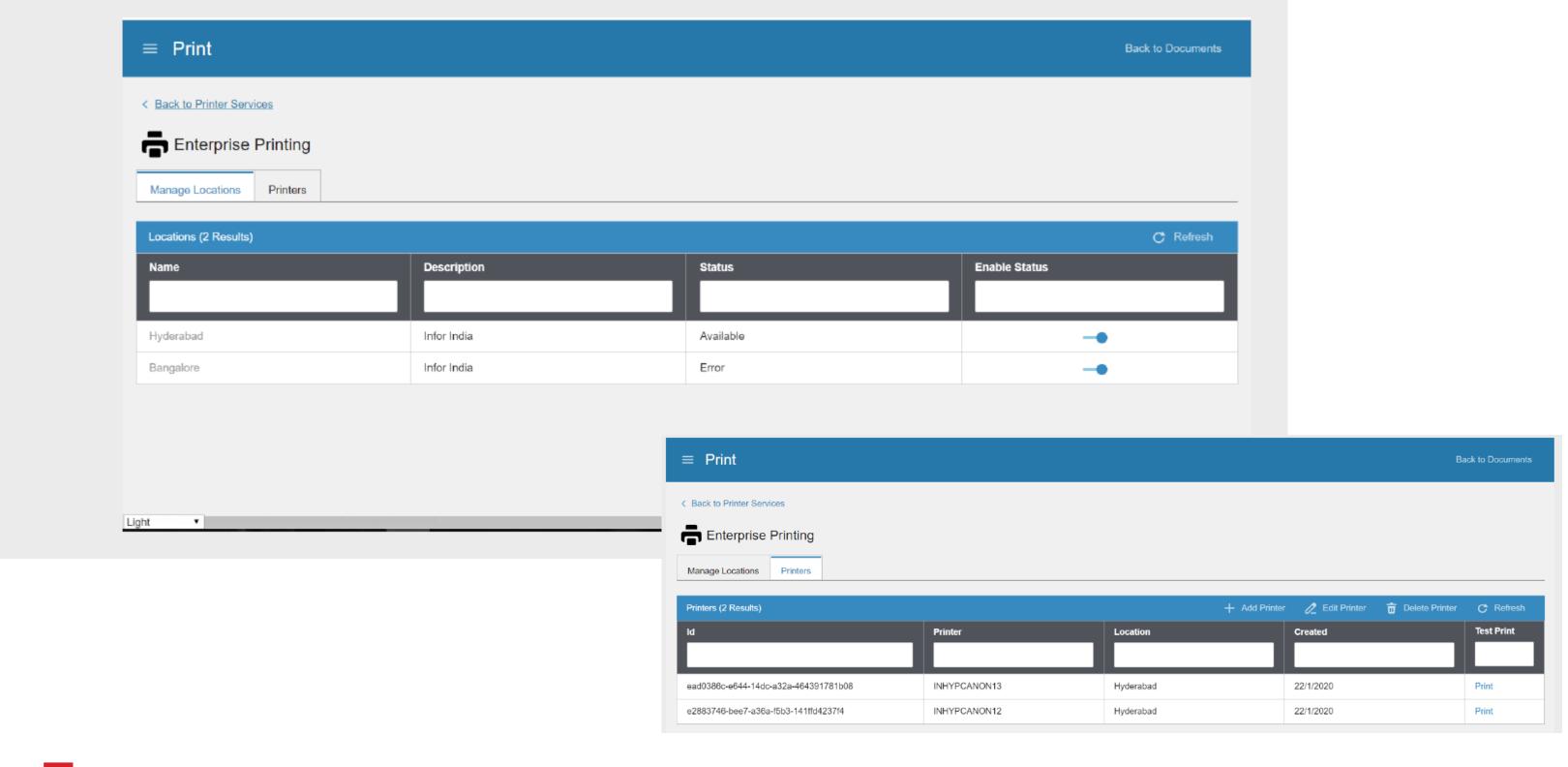
- 1. Fully extensible by configuration. Customers can add fields to the XML file from all tables. Virtual fields can easy be created.
- 2. For best performance, standard XML file configuration delivered from Infor only includes the most used fields.
- 3. Labels are sent in XML file, already translated to correct language (based on user, customer or supplier).
- 4. Numbers and dates in the XML file are sent in XML standard format. IDM and StoryTeller is using the Local concept to format numbers and dates.





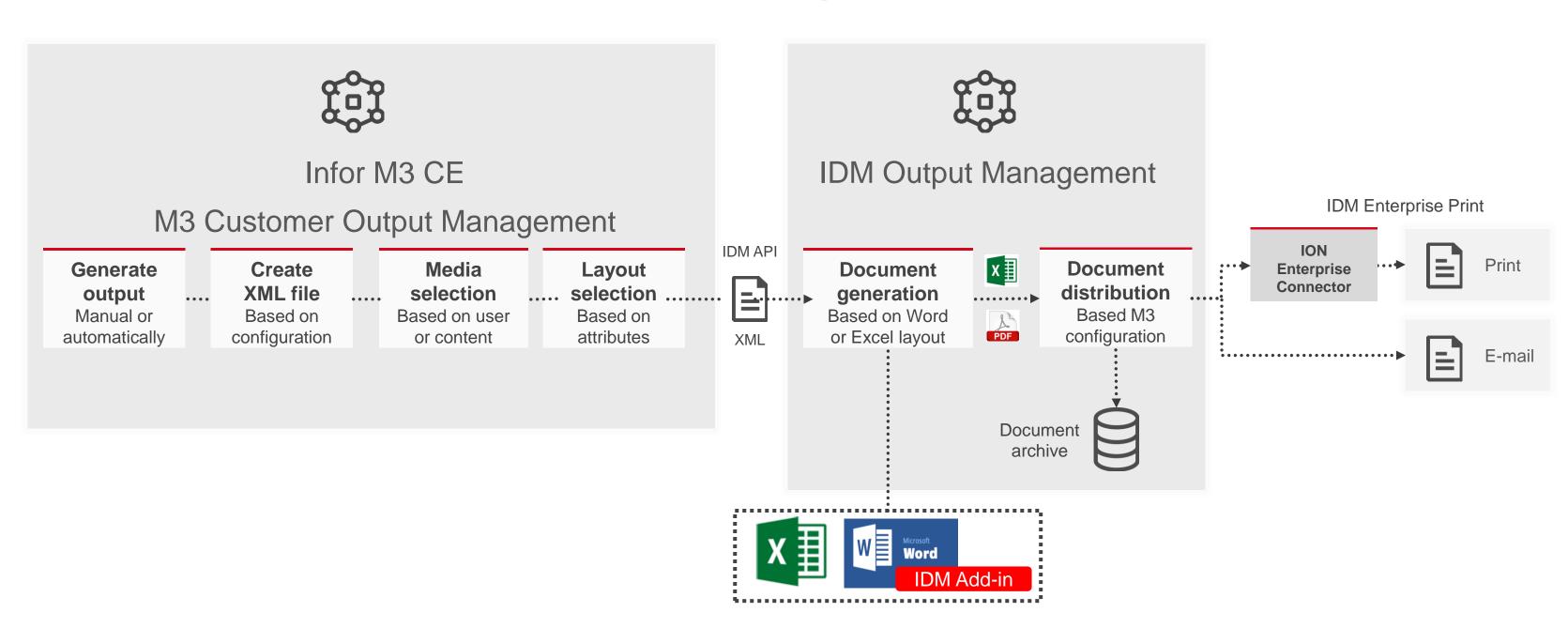


# **IDM Enterprise Print Locations**

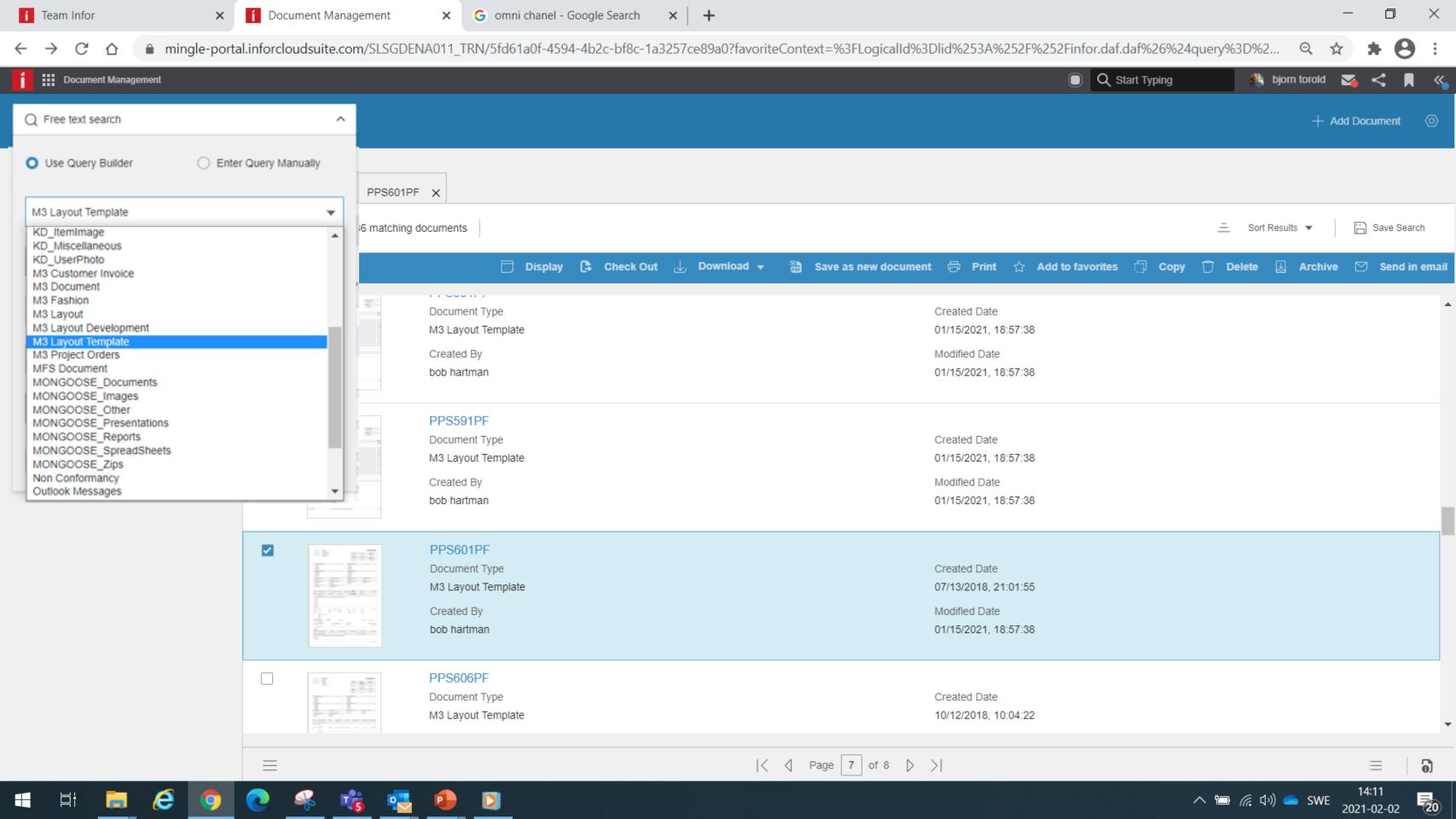


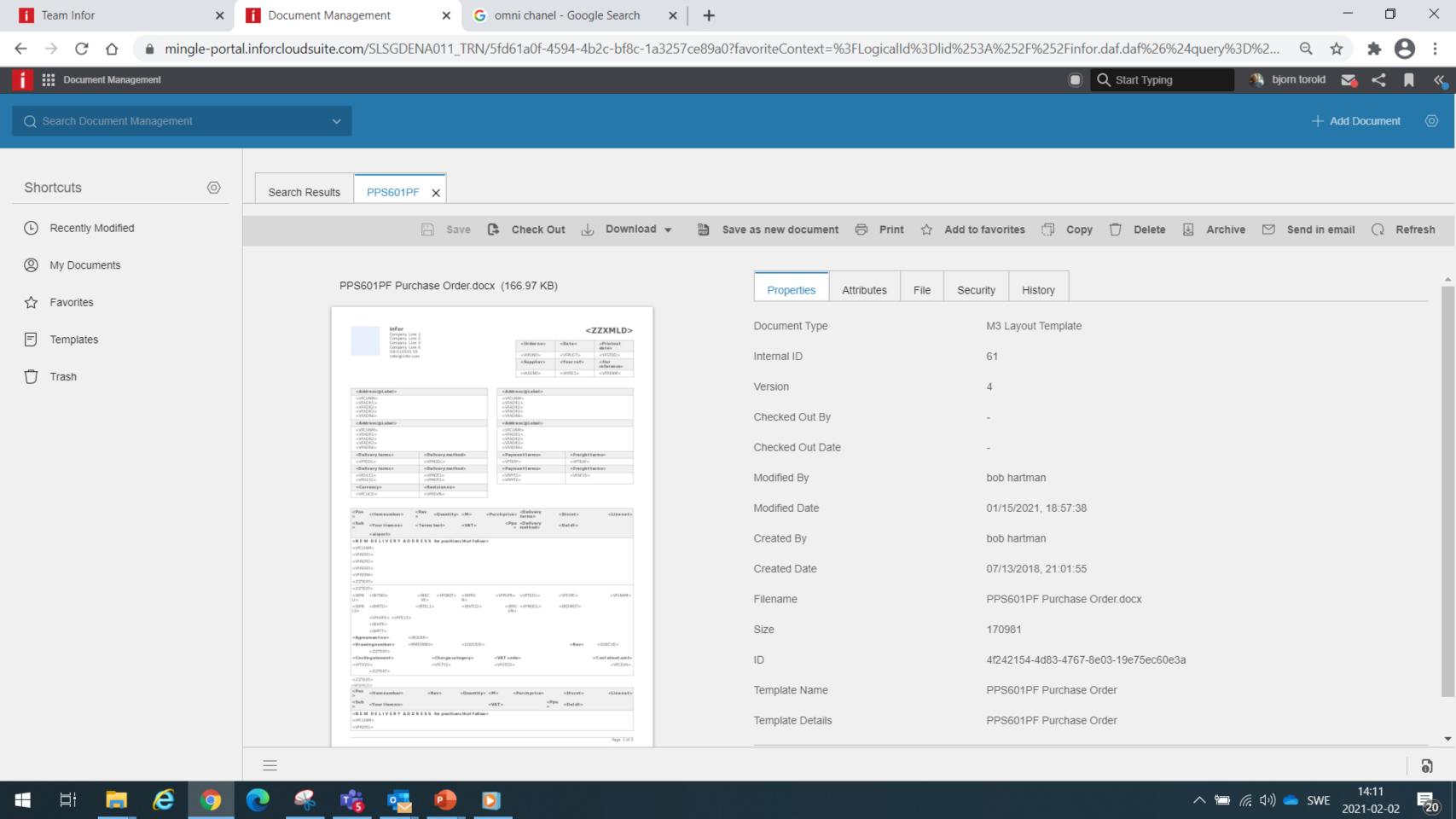


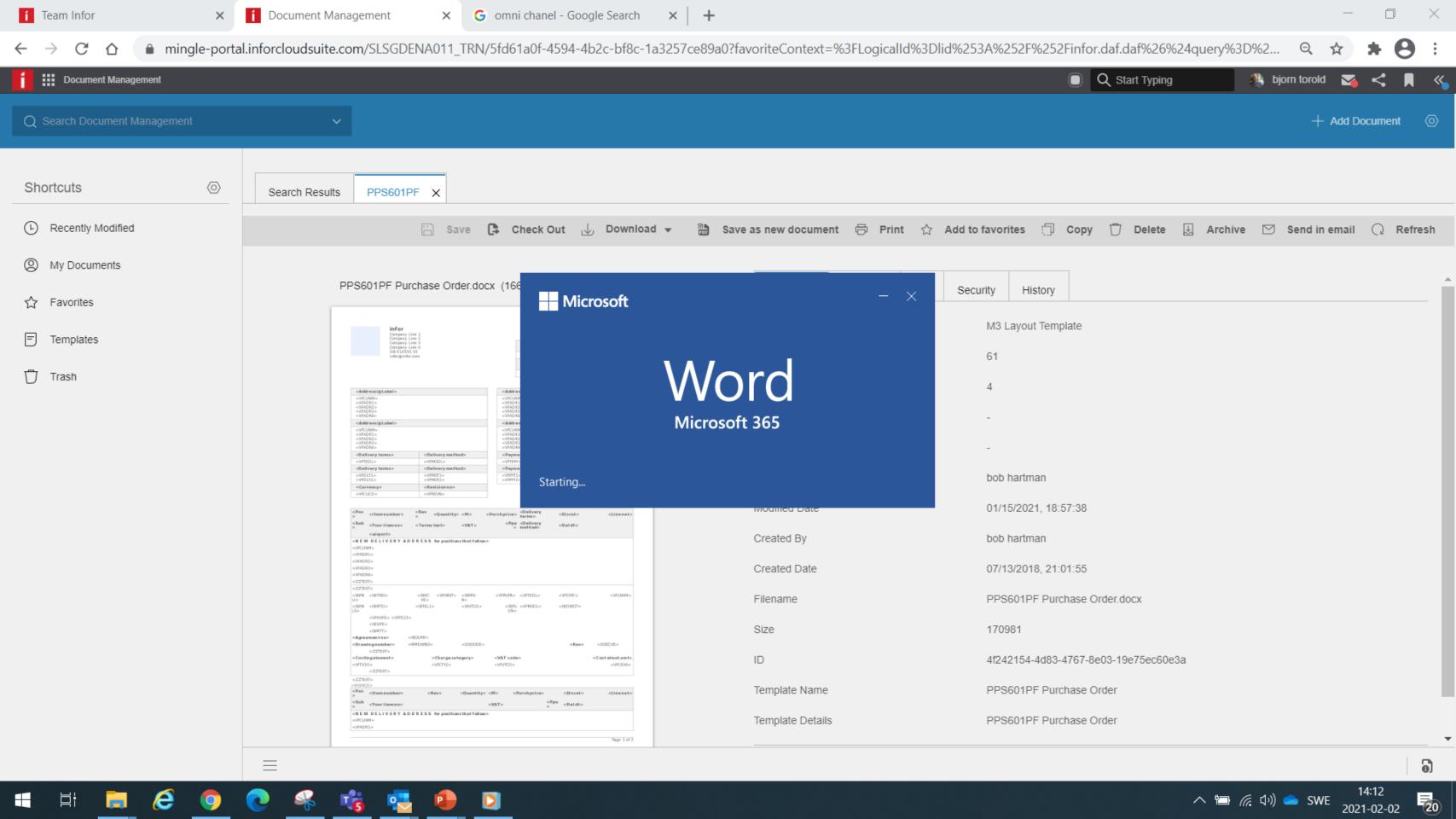
## Infor M3CE – IDM Output Management

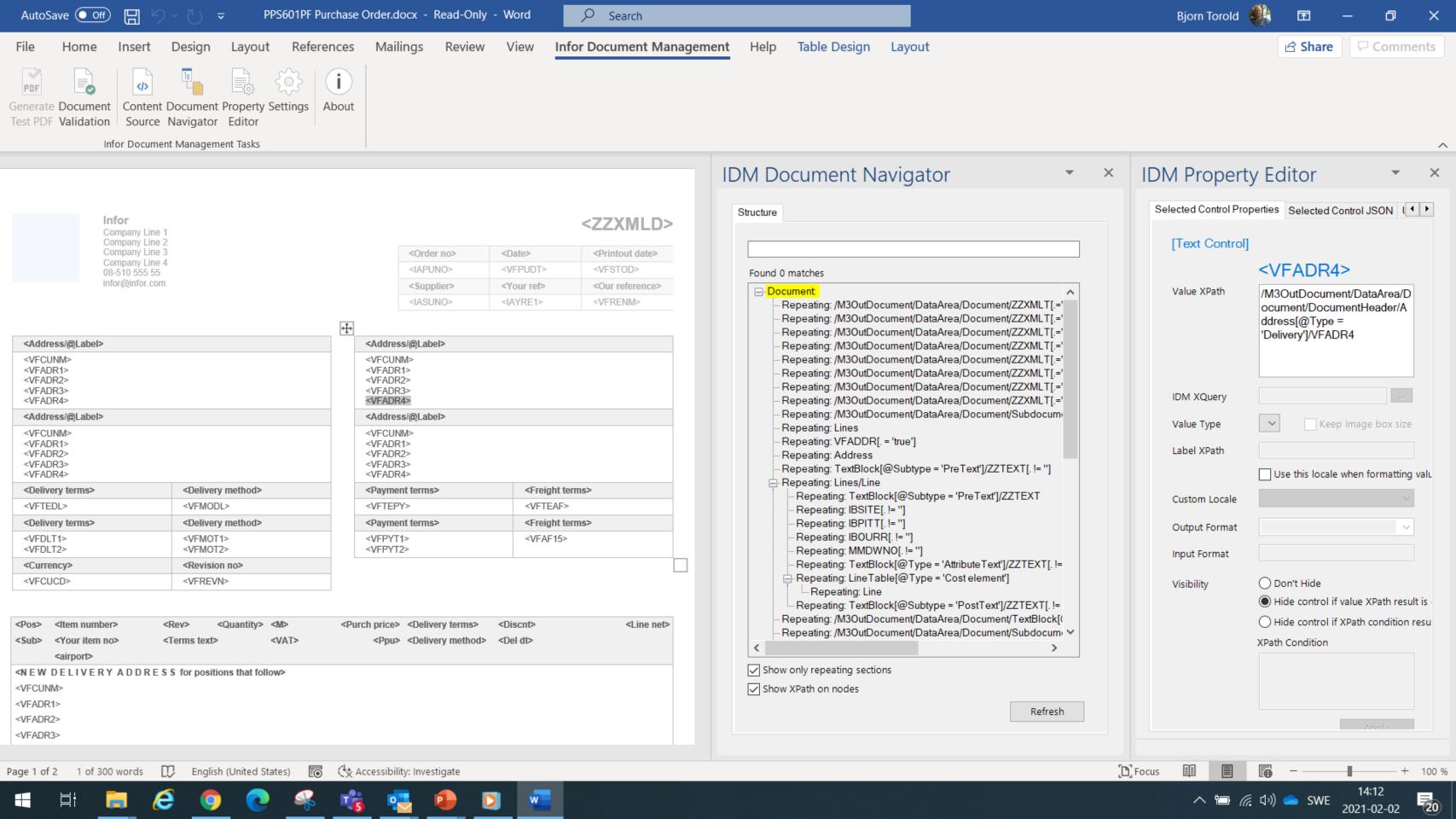




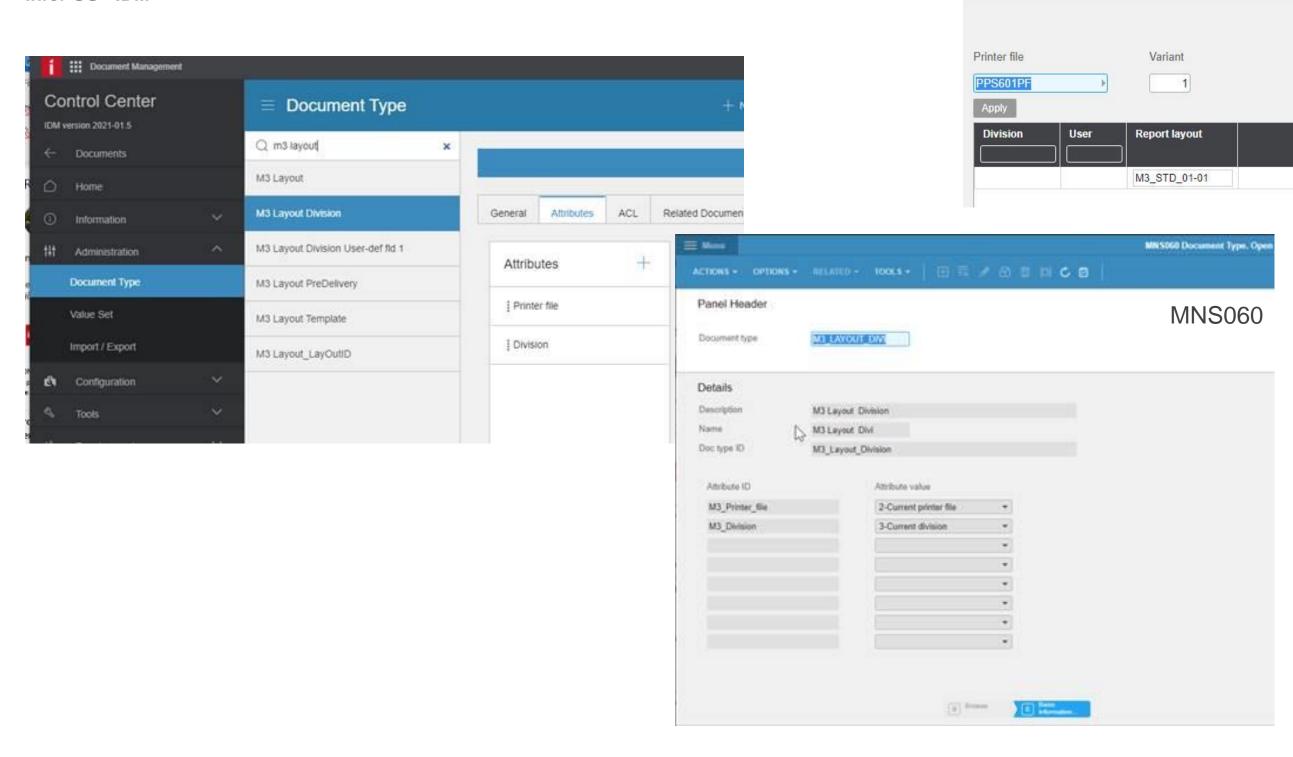








#### Infor OS - IDM





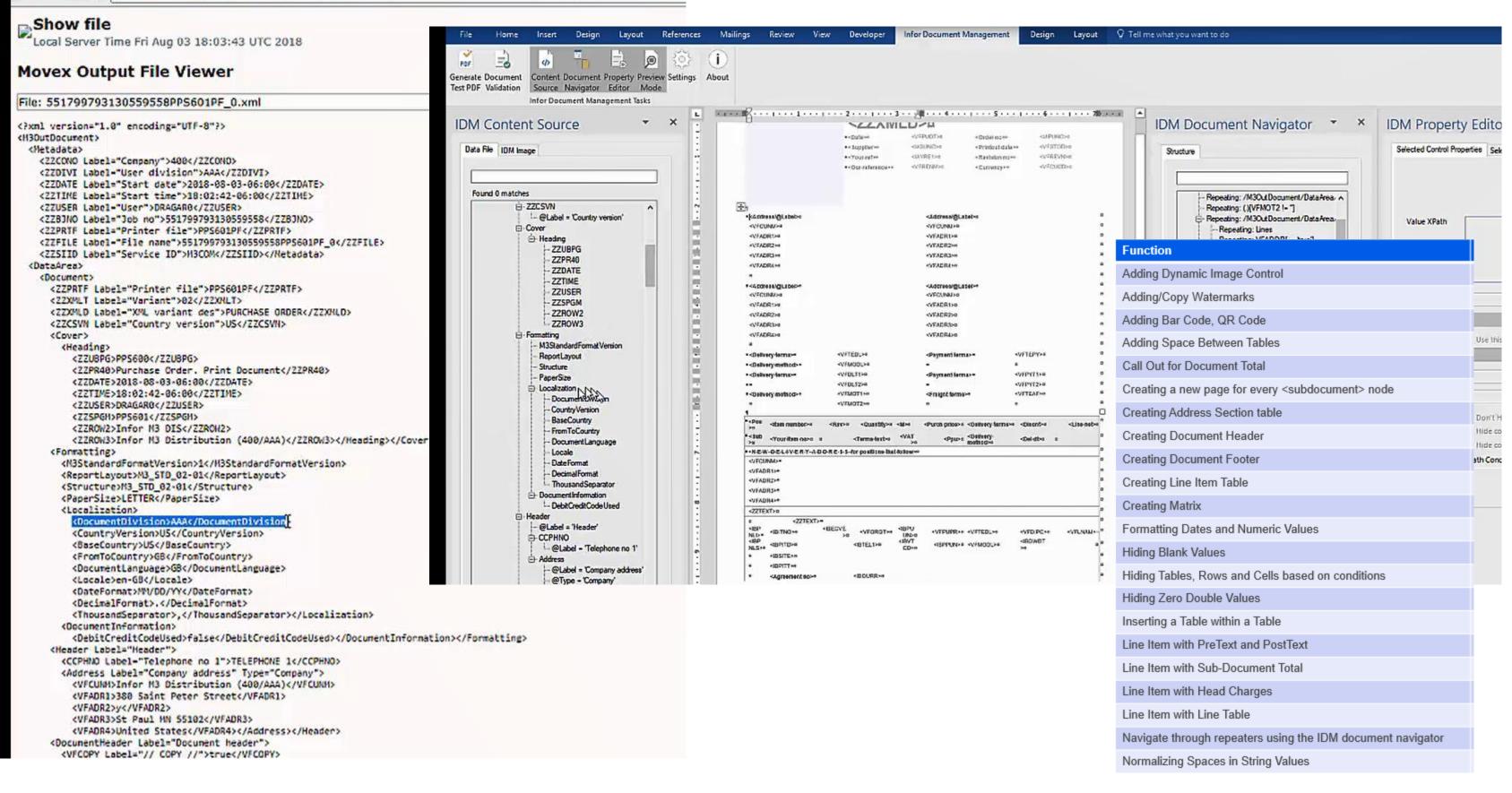
MNS210

# Scripting in IDM Output Management

Traditional scripting done in Streamserve is not possible to use in IDM Output Management. Based on the purpose with the script there are different ways to achieve the same functionality. IDM uses XPATH for simple scripting purposes.

Script purpose	Solution in IDM
Hide different components as labels, fields, pictures, tables	Solved by hide functionality exist in IDM
Formatting numbers and dates	Solved by Locale concept
Add additional fields by making ODBC calls back to BE database	Solved by adding fields to configurable XML
Dynamically control what picture to use based on expression or variables.	Yes
Indicate if document is produced in a test environment (for example with a watermark)	Yes
Make subtotal calculations	Yes
Retrieve data from external sources, only data saved in BE is possible to use.	No plans to support this from IDM
Dynamically control output properties such as alignment, bold, italicized,, etc based on expression or variables.	On Roadmap

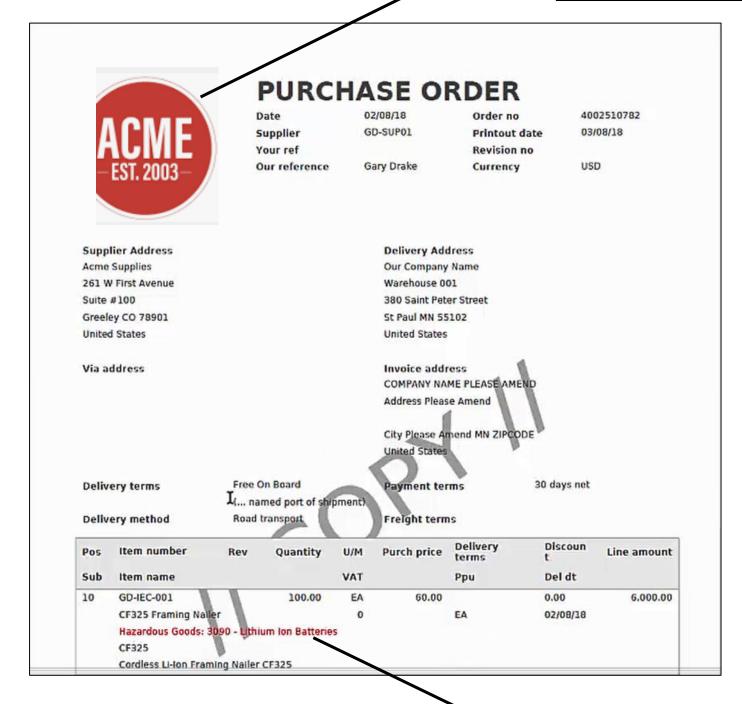






Dynamic picture like logo based on Xpath and Division, etc

#### Infor OS - IDM



Additional text from additional field in M3



Our reference Gary Drake Currency USD **Supplier Address Delivery Address Acme Supplies Our Company Name** 261 W First Avenue Warehouse 001 Suite #100 380 Saint Peter Street Greeley CO 78901 St Paul MN 55102 United States United States Via address Invoice address COMPANY NAME PLEASE AMEND Address Please Amend City Please Amend MN ZIPCODE Inited States Delivery terms Free On Board Payment terms 30 days net (... named port of shipment) Road transport **Delivery** method Freight terms Delivery Discoun Item number Line amount Rev Quantity U/M Purch price Sub Item name VAT Ppu Del dt 100.00 60.00 0.00 6,000.00 10 GD-IEC-001 EA CF325 Framing Nailer EA 02/08/18 The Paslode Lithium fon Cordless Framing Nailer System is simple consistent and reliable. The perfect balance of tool, fuel and nails to help speed up jobs and improve productivity. With the purchase of this nailer, receive a Free Fuel + Nail Combo Pack. Each Fuel + Nail Combo Pack indudes 1,000 Hot Dipped Galvanized nails and one quick lode fuel cell with the right amount so you never run short of fuel to drive all 1000 nails Hazardous Material: UNNo 3090

Additional text from M3 Text Block

GD-SUPUL

Printout date

Revision no

03/08/18

Supplier

Your ref

infor

### StreamServe vs IDM

Feature	StreamServe Page Out / Extream	StoryTeller	IDM	Comments
Input Format	StreamFile (not developed)	Config XML	Config XML	
Licensing	Option	Option	Included in Infor CS	Opentext license required StreamServe and StoryTeller
Logic Building (Grouping, Sorting, etc)	Yes	Yes	Use CMS018 in Config XML	Configurable Output Management CMS005
Inclusion of Data from external sources	Yes	Yes	No	On Roadmap for Infor OS with IDM
Design Canvas Flexibility	High	Medium – Tabular view	Medium – Tabular view	For PageOut you can define the exact position with X Y coordinates. The easy way to deal with this is using tabular view.
Output Formats	Multiple	Multiple / Omni Channel	PDF, CSV (Excel), Docx (Word)	
Programming Language	Java type script	Java type script and Xpath	Xpath	No ODBC access allowed to M3 DB, only Rest API.
Additional Documents	Scripts	Scripts	Planned for Spring 2021	



#### Infor CloudSuite Technical

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# Thank you

Infor is a global leader in business cloud software specialised by industry.

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