



# TIPS & TRIKS – HÖJDPUNKTER FRÅN SPECIALISTHÖRNET

Teams Meeting 24 Oktober 2022

Lena Lundell - InfoTeam

Björn Torold, Joakim Mattsson - Infor

# Dagens ämnen

Inledning

Senaste nytt från fältet angående M3 Cloud

Höjdpunkter från Specialisthörnet

Vad händer mer i höst?

The collage features several screenshots from the Infor ION Grid administration interface. One screenshot shows a dashboard with sections for 'What's New', 'Announcements', 'ION API Performance', and 'ION API Traffic'. Another shows a 'Profile Information' window with details for 'FnF 407 M3 13.2 FNF-ION integratio...'. A third screenshot shows a 'My Daily Work' menu with items like 'My Purchase Orders', 'Stopped Sales Orders', and 'Preliminary Customers'. A fourth screenshot shows a 'Sales Monitors' list with items like 'Preliminary Customers' and 'Stopped Sales Orders'. The collage also includes a chalkboard with the text 'personalize vs. modify' and 'build > execute', a bar chart with the text 'SOFTWARE UPDATE', a cloud icon, and a keyboard key with the text 'Update'. The Infor logo is visible in the top left corner of the dashboard screenshots.



October 2022

# Infor M3 (AWS)

Infor **CloudSuite**



## Infor M3 (AWS) Customers

Customers provisioned with Infor M3 (AWS)

**376** (124)



## Usability Features Delivered

Developments for Technology and User Experience

**156**



## Total Countries Supported

Countries Supported with Infor M3 (AWS)

**71**



## Capability Features Delivered

Developments for Integrations and Geo Support

**601**



## Total Integrations supported

Strategic Integrations with Best-of-Breed and 3rd Party

**27**



## Industry Features Delivered

New features within the technology layer

**1264**

✓ Available in the M3 Cloud

Highlight

## M3 API's

# M3 toolbox API's

### EXPORTMI

- Specify index and related filters (requires filters according to selected index)
- Supports user defined index (U, V, X sorting options)
- Possible to use more than 10000 records when index is selected

### Relative performance

- EXPORTMI with specified index = 1
- MDBREADMI = 1,1
- EXPORTMI without specified index = 1,4
- CMS100MI without related tables = 10
- CMS100MI addition per extra related table = 5

M3 Metadata Publisher

Search M3 API Repository M3 Function Settings

Test API

Program: EXPORTMI

Select

Transaction: Select - Select

Include General Transactions

Input Data:

SEPC Alpha(1): ;

HDRS Integer(1): 1

QERY Alpha(982): IFUDS,MMITNO from MITMASV1

MMFUDS,MMITNO from MITMASV1 where MMITGR

✓ Available in the M3 Cloud

Highlight

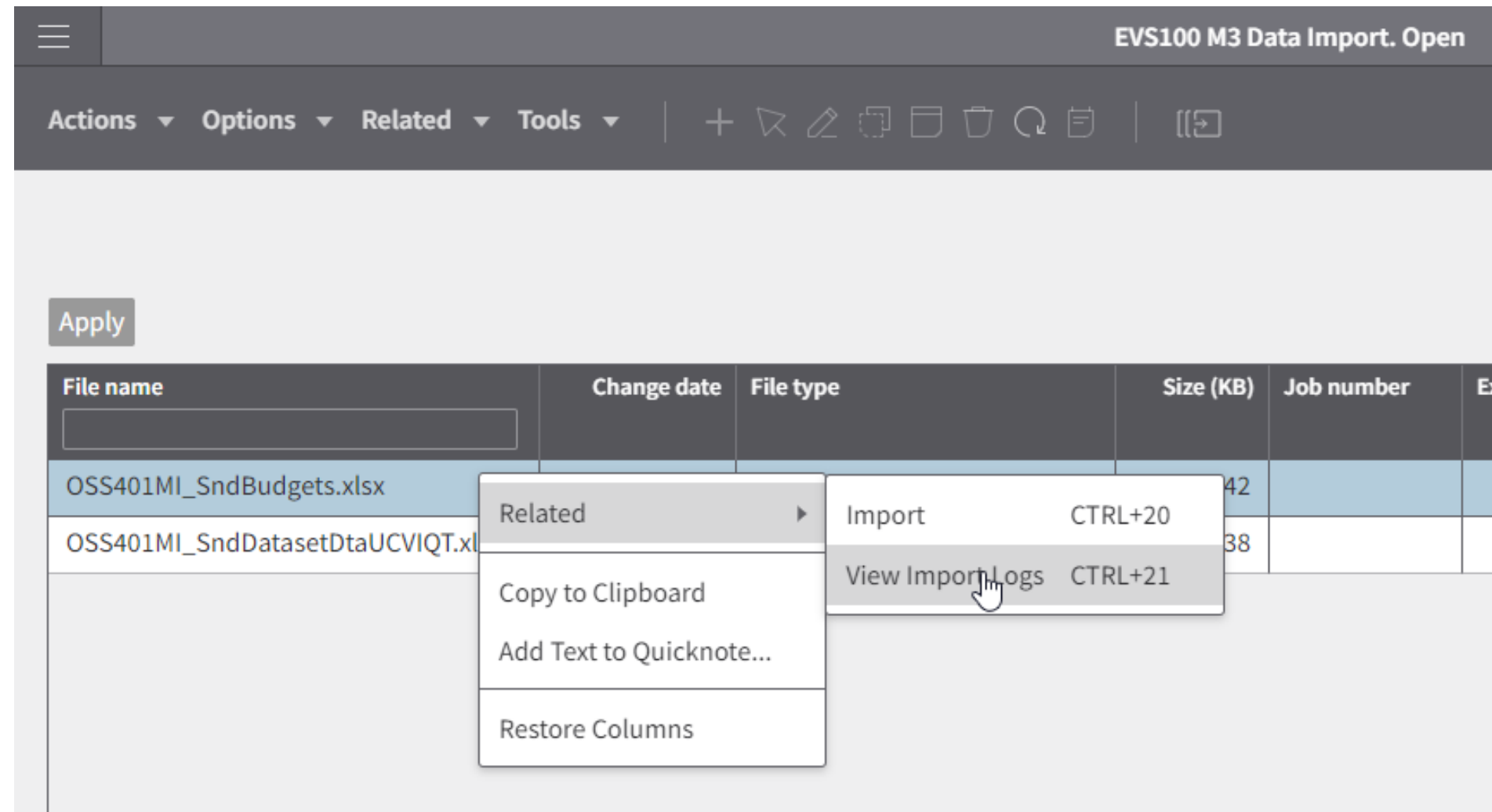
# Massupdate/import data EVS100

## EVS100

- Structured import of data into M3
- Accepts CSV and Excel
- Import done via standard M3 API's
- Excel manages sequence of import

## Enhancements:

- Simplified access to log (related option 21)
- Changed format of log to single line (October 2022)
- Added support of import via direct Fnc calls.  
Expands number of possible data to import but not as simple as API imports (Use MDP – M3 Function – Fnc Developer Client)



✓ Available in the M3 Cloud

Highlight

# M3 Archiving Solution overview

## Archiving Solution

- New analysis function added
  - Lists tables with row count/size
  - Help deciding where archiving is mostly needed
- Better table classification in MDP to help understand work files that should be empty
- Move archived data to Data Lake
- More to come .....



Function	Description	Po1	Po2	Po3	Log	Arch lib	Sts	User	S
AHS900	Ad Hoc Report Run. Delete				3	MVXARCH	00		
ATS640	Attributes. File								
CAS970	Internal Account Entry								
CAS975	Average Cost History.								
CAS980	Order Costing. File								
COS090	Maint CO. File								
GLS800	General Ledger. File								
MMS185	Req/Distr Order. File								
MMS195	Stock Transaction. File				3	MVXARCH	00		
MMS280	Item Statistics. File				3	MVXARCH	00		
MNS906	Output Data. Delete				3	MVXARCH	00		
MOS190	Work Order. File				3	MVXARCH	00		

Related

- Select CTRL+1
- Change CTRL+2**
- Delete CTRL+4
- Display CTRL+5
- Copy to Clipboard
- Add Text to Quicknote...
- Restore Columns

Reset current archiving job CTRL+7

Pause/Restart CTRL+8

Run archiving function CTRL+9

Display archiving log CTRL+11

Display archiving viewer CTRL+12

Display archiving table CTRL+21

✓ Available in the M3 Cloud

Highlight

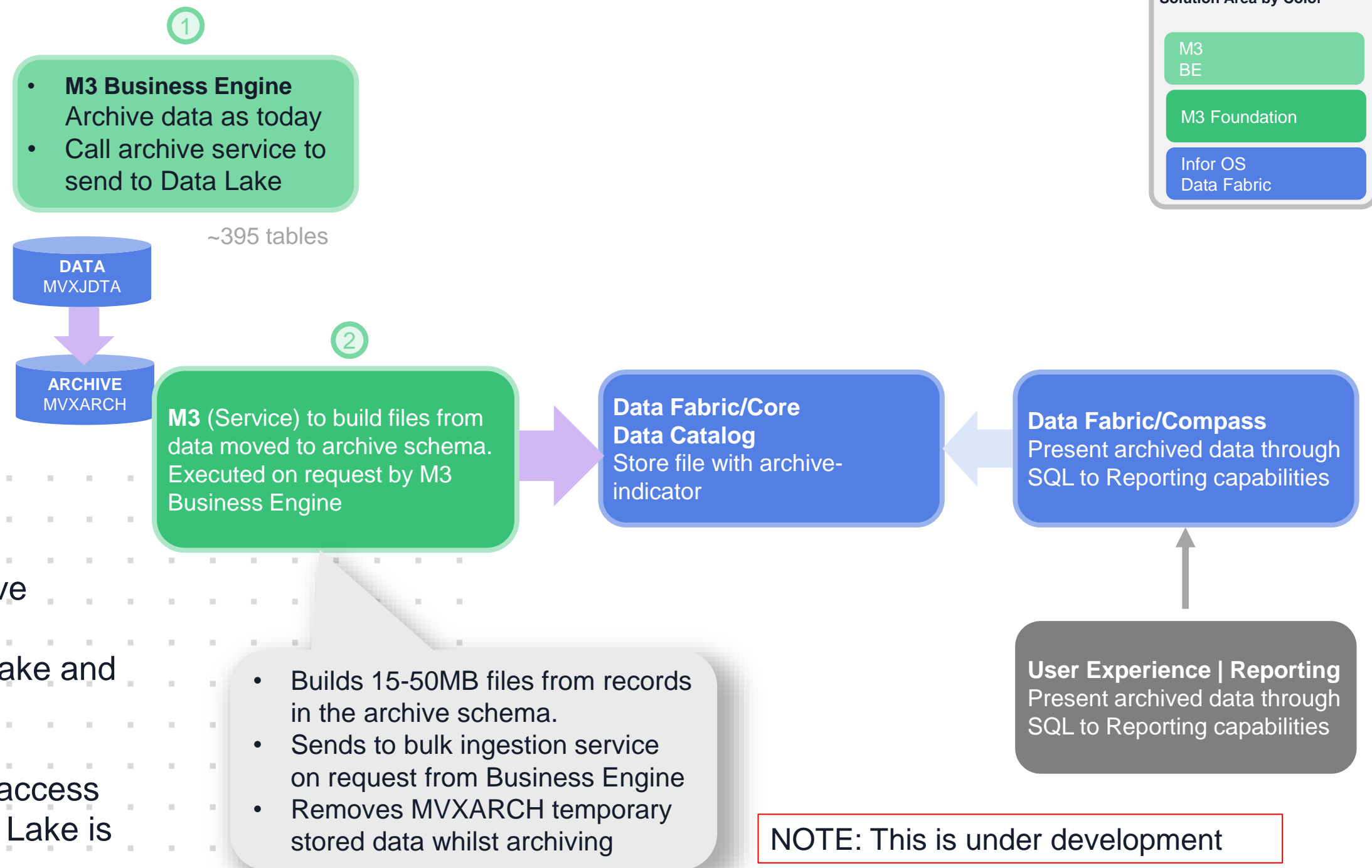
# M3 Archive and Data Lake

## Archive in M3

- Same process and today
- Archived data stored in Archive library
- Works in same way as earlier with Ad-hoc reports etc
- Note! Archive of data has not reduced size of stored data

## Move to Data Lake:

- New process activated from M3 archive functions
- Moves data to the S3 bucket in Data lake and flagged as archived.
- Data in archived library is removed
- Note! Ad-hoc report etc in M3 cannot access this data. Queries and reports in Data Lake is used to view data





## Extensibility & Integrations

oversikt over hva jeg kan bruke?

- Hvor finner jeg...
- Hva kan jeg forberede...
- Hvordan fungerer den nye...
- Hva henter jeg enkleste data fra M3 Cloud Edition?
- Hur kan jag utnyttja Streaming i min Cloud miljö?

### Integrationer

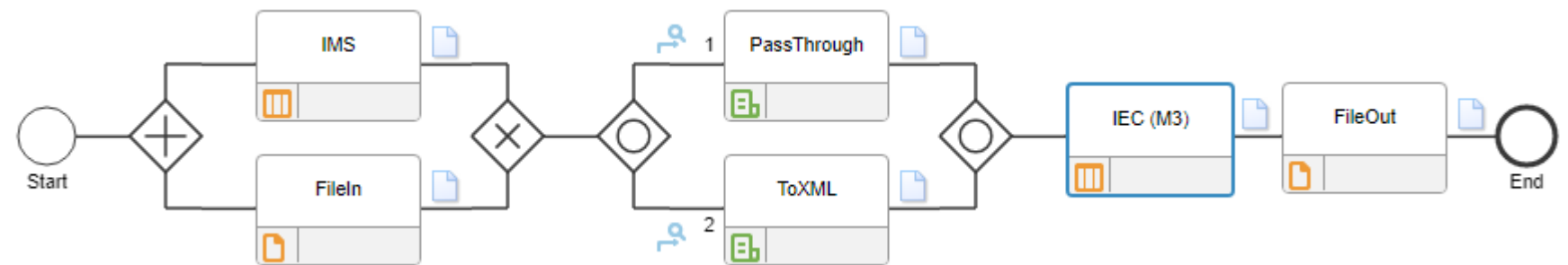
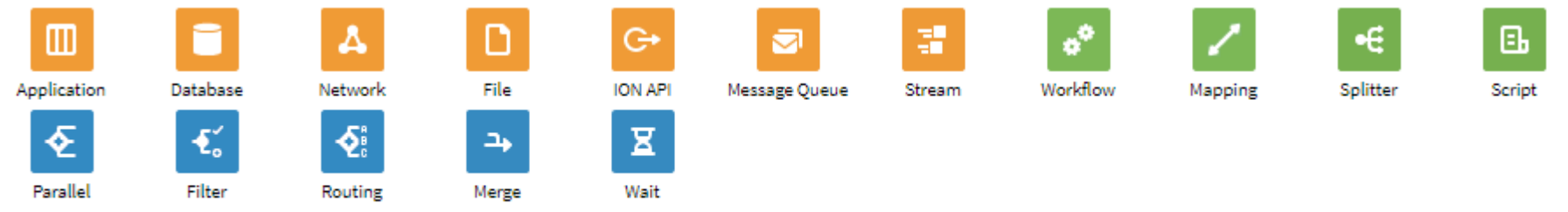
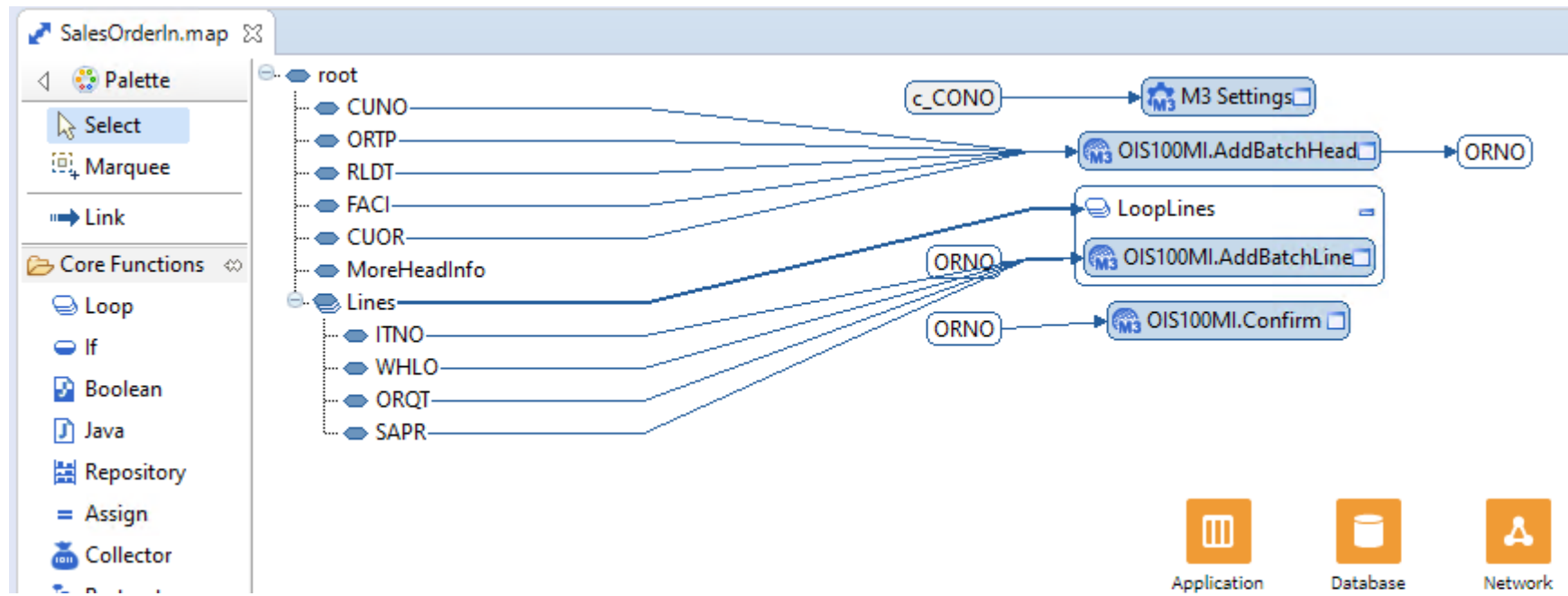
- Hvordan fungerer integrasjoner i M3 Cloud Edition? Hvilke alternativer er tilgjengelige?
- Kan jeg gjenbruke det jeg har i min eksisterende løsning? Hvilke gode erfaringer finnes?
- API i skyen, hvordan fungerer det og hvordan får jeg best ytelse?
- Hur kan API-en hjelpe meg med Extensibility?
- Hvordan bygger jeg min egen API i skyen, utan att skapa modifieringar?

Som en wrap-up fra ITD2022 tilbyr vi denne gangen noen høydepunkter fra Specialisthjørnet, Integrations & Extensibility

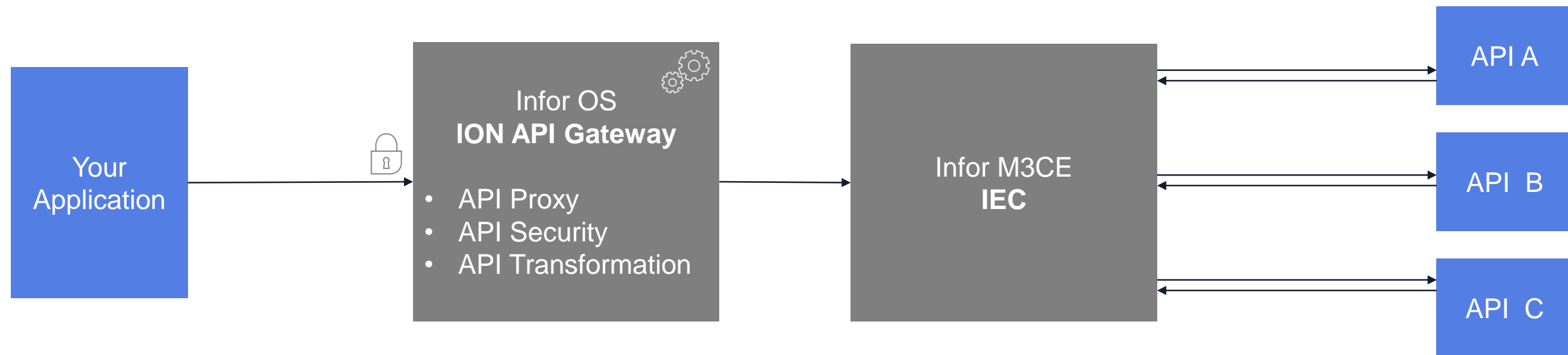




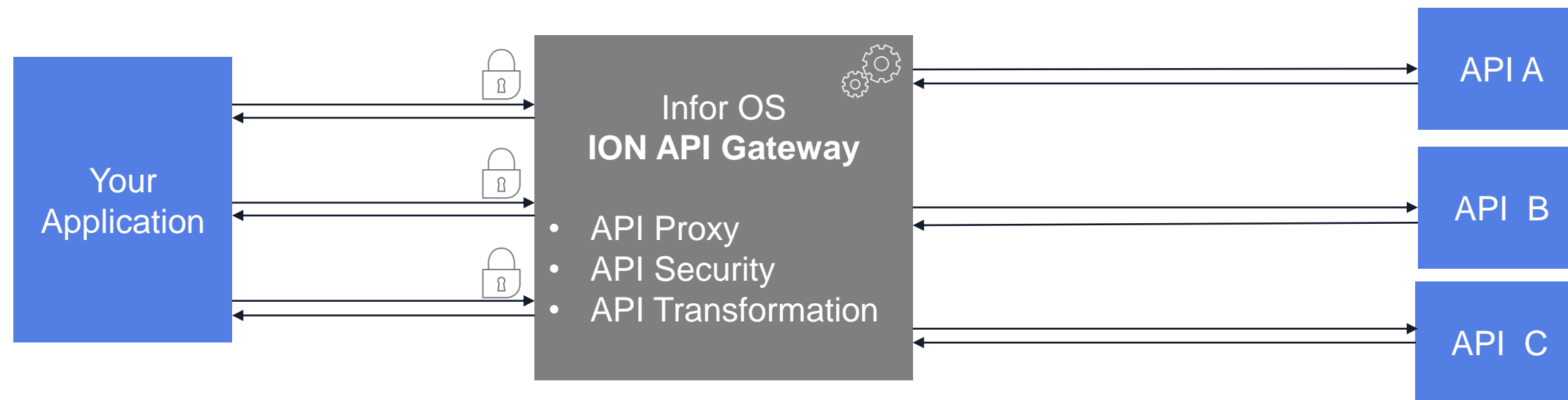
# Asynchronous integration – Sales Order Entry in IEC



# Asynchronous integration – API Orchestration in IEC

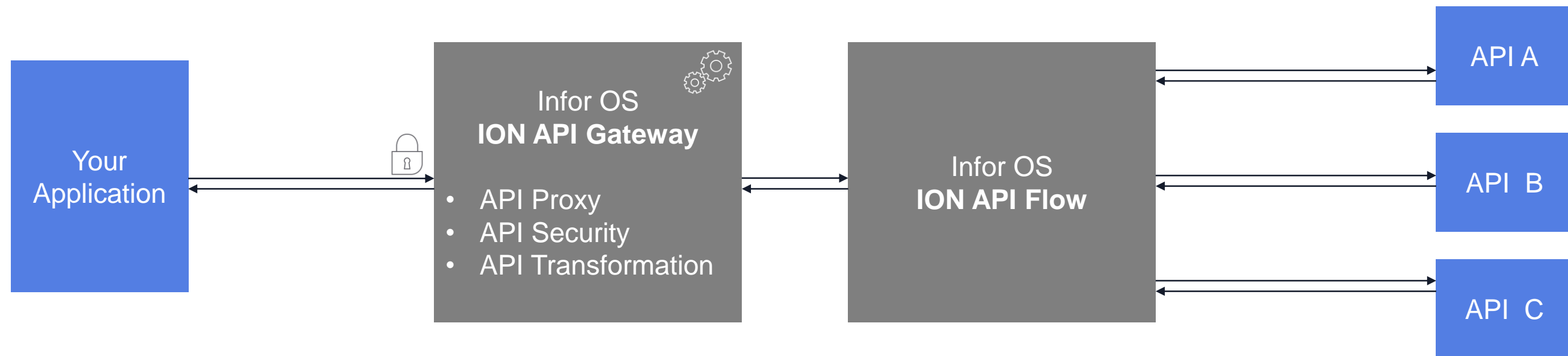


# Synchronous integration – API Orchestration in client

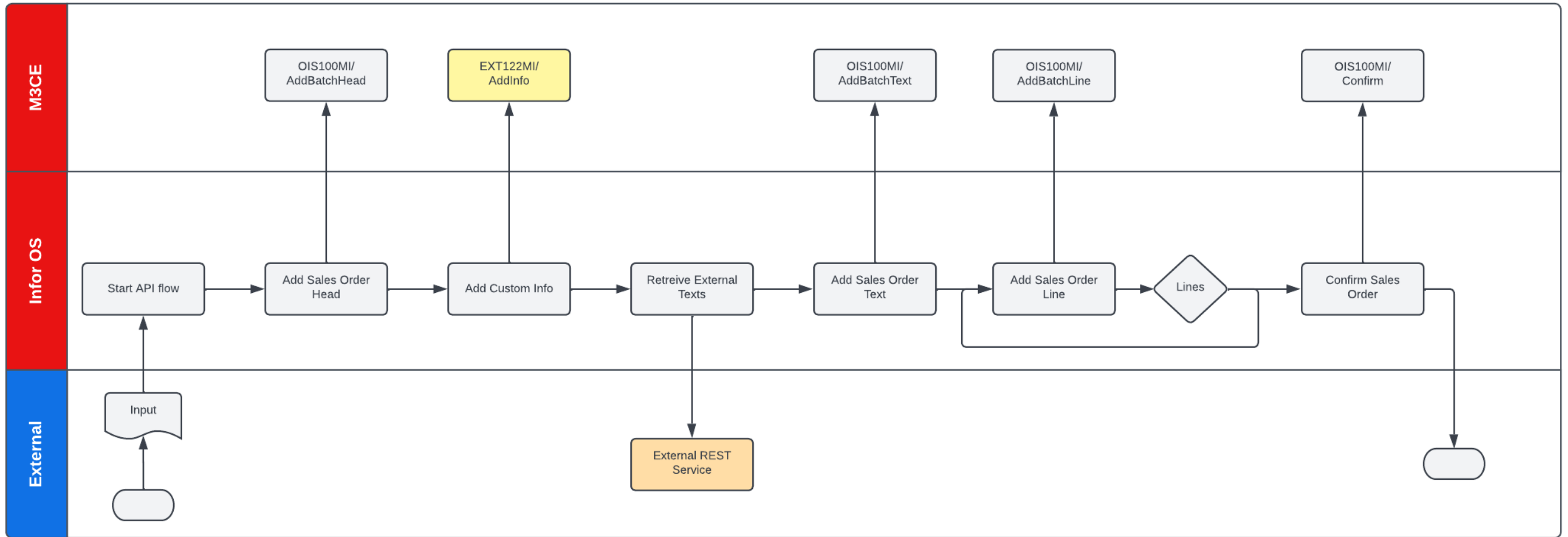




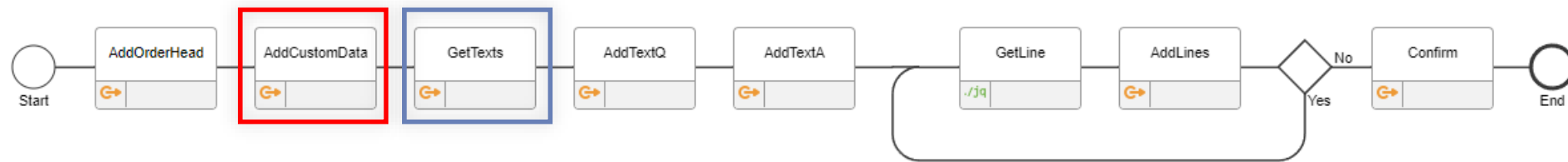
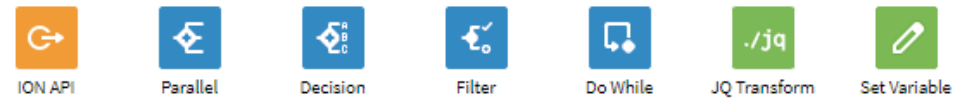
# Synchronous integration – API Orchestration in ION



# API Orchestration – Sample flowchart: Sales Order entry



# API Orchestration – Example of Sales Order entry



## API Flow Properties

Request Request Body **Response** Test

Content Type: application/json  
ApiFlow Response Status Code: 200

```
Body  
{  
  "ORNO": "${Confirm.body}.MIRRecord[0].NameValue[0].Value",  
  "STAT": "${Confirm.body}.MIRRecord[0].NameValue[1].Value"  
}
```

Standard APIs used to create head, lines and texts. The flow supports multiple order lines

Additional sales order data is stored in a custom table. Data is inserted

External REST-service used for retrieving order texts.

# API Orchestration – Example of Sales Order retrieval

The screenshot displays the Infor API Orchestration interface. At the top, a toolbar includes icons for ION API, Parallel, Decision, Filter, Do While, JQ Transform, and Set Variable. Below this, a workflow is visualized as a sequence of steps: Start, GetOrderHead, SetSQLQuery, GetCustomData, GetOrderValue, GetCustomer, GetOrderLines, SetIDMQuery, GetIDMDoc, and End. Each step is represented by a box with a small icon and a label. Below the workflow, the 'API Flow Properties' section is visible, with tabs for Request, Request Body, Response, and Test. The 'Response' tab is active, showing the following details:

- Content Type: application/json
- ApiFlow Response Status Code: 200
- Body: A JSON object containing various fields like ORNO, CUOR, ORDT, RLDZ, ORVA, VTAM, TOAM, CustomData, Customer, and IDM.

```
{
  "ORNO": "4003113251",
  "CUOR": "JM109",
  "VTAM": "5.34",
  "ORDT": "20221021",
  "RLDZ": "20221021",
  "ORVA": "70.00",
  "TOAM": "75.34",
  "CustomData": "Björns bästa",
  "Customer": {
    "CUNO": "JMSE01",
    "CUNM": "JM01 inc"
  },
  "Lines": [
    {
      "ITNO": "75-JM001",
      "ITDS": "7.5 Amp 1/2 in. Hole Hawg HD",
      "ORQT": "1",
      "SAPR": "5.00",
      "PONR": "1"
    },
    {
      "ITNO": "75-JM002",
      "ITDS": "Santa",
      "ORQT": "2",
      "SAPR": "10.00",
      "PONR": "2"
    },
    {
      "ITNO": "75-JM003",
      "ITDS": "Powerpoint clicker",
      "ORQT": "3",
      "SAPR": "15.00",
      "PONR": "3"
    }
  ],
  "IDM": {
    "FileName": "3093949286163384360IS606PF_0_0.pdf",
    "IDMURL": "https://idm.inforcloudsuite.com/ca/api/resources/CS_Orders-621-1-LATEST"
  }
}
```



# Adjust Stock Balances – API transactions

Transaction: AddStkHead  
Description: Add Internal Stock Header

Name	Frp	Tps	Lngh	Ftp	Res	
CONO	16	18	3	N	0	Company
MSNR	19	33	15	A	0	Message number
EOIO	34	34	1	A	0	Message direction
FACI	35	37	3	A	0	Facility
WHLO	38	40	3	A	1	Warehouse
CUNO	41	50	10	A	0	Customer number
PMSN	51	67	17	A	0	External message number
STAT	68	69	2	A	0	Status
STLO	70	71	2	A	0	Lowest status
STHI	72	73	2	A	0	Highest status
GEDT	74	83	10	D	0	Date generated
GETM	84	89	6	N	0	Time generated
CHGD	90	99	10	D	0	Date changed

Transaction: AddStkId  
Description: Add Internal Stock Identity

Name	Frp	Tps	Lngh	Ftp	Res	
CONO	16	18	3	N	0	Company
MSNR	19	33	15	A	1	Message number
MSLN	34	38	5	N	0	Message line number
PMSN	39	55	17	A	0	External message number
PMSL	56	60	5	N	0	External message line number
GEDT	61	70	10	D	0	Date generated
GETM	71	76	6	N	0	Time generated
CHGD	77	86	10	D	0	Date changed
WHLO	87	89	3	A	1	Warehouse
ITNO	90	104	15	A	0	Item number
WHSL	105	114	10	A	1	Location
BANO	115	134	20	A	0	Lot number
CAMU	135	154	20	A	0	Container

Transaction: AddStkIns  
Description: Add Internal Stock Instruction

Name	Frp	Tps	Lngh	Ftp	Res	
CONO	16	18	3	N	0	Company
MSNR	19	33	15	A	1	Message number
MSLN	34	38	5	N	1	Message line number
MSGS	39	41	3	N	0	Sequence number
QLFR	42	45	4	A	1	Qualifier
QLFS	46	48	3	N	0	Sequence number
QLFT	49	49	1	N	0	Qualifier type
STAT	50	51	2	A	0	Status
GEDT	52	61	10	D	0	Date generated
GETM	62	67	6	N	0	Time generated
PLFD	68	77	10	D	0	Planned finish date
PLFT	78	83	6	N	0	Time generated
FIDT	84	93	10	D	0	Finish date

# M3 Bulk APIs

- Bulk APIs executes multiple APIs calls
- Supports different transactions within one API
- Does not support orchestration of calls and data
- Response includes response from each API call
- Significant performance gain possible
  - ... especially when executing smaller batches in parallel.

Available APIs / Infor M3 / InforM3MIBulkv2

**Endpoint** https://mingle-ionapi.inforcloudsuite.com/SLSGDENA011\_TRN/M3/m3api-rest/v2

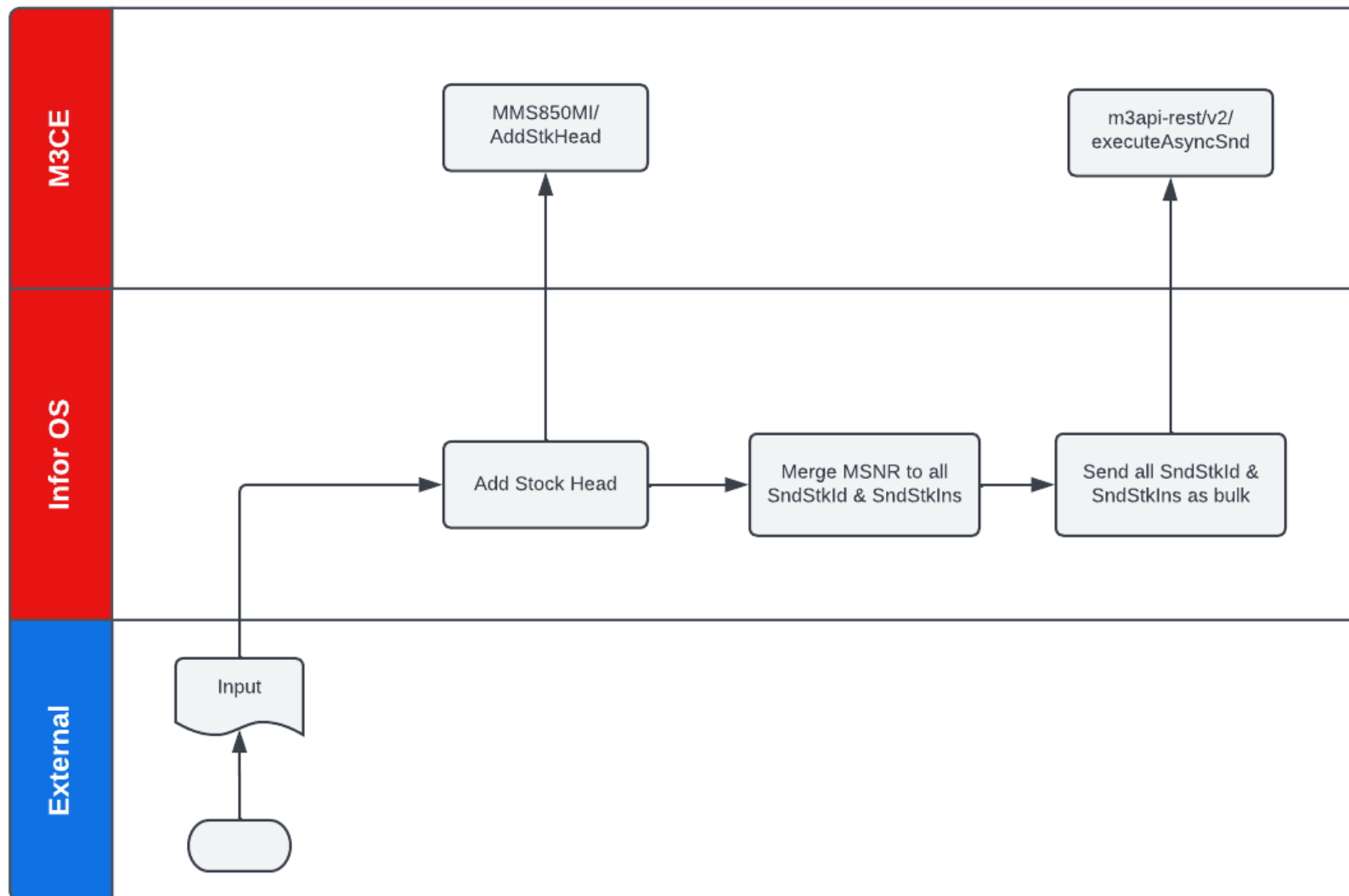
**Description** Infor M3 MI Bulk v2

Resources [Documentation](#)

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OperationID	Description
execute	Execute bulk request
executeSnd	Execute streaming bulk request
executeAsyncSnd	Execute async streaming bulk request
getAsyncSnd	Get async bulk job status
getAsyncSndResult	Get async bulk job results and remove the

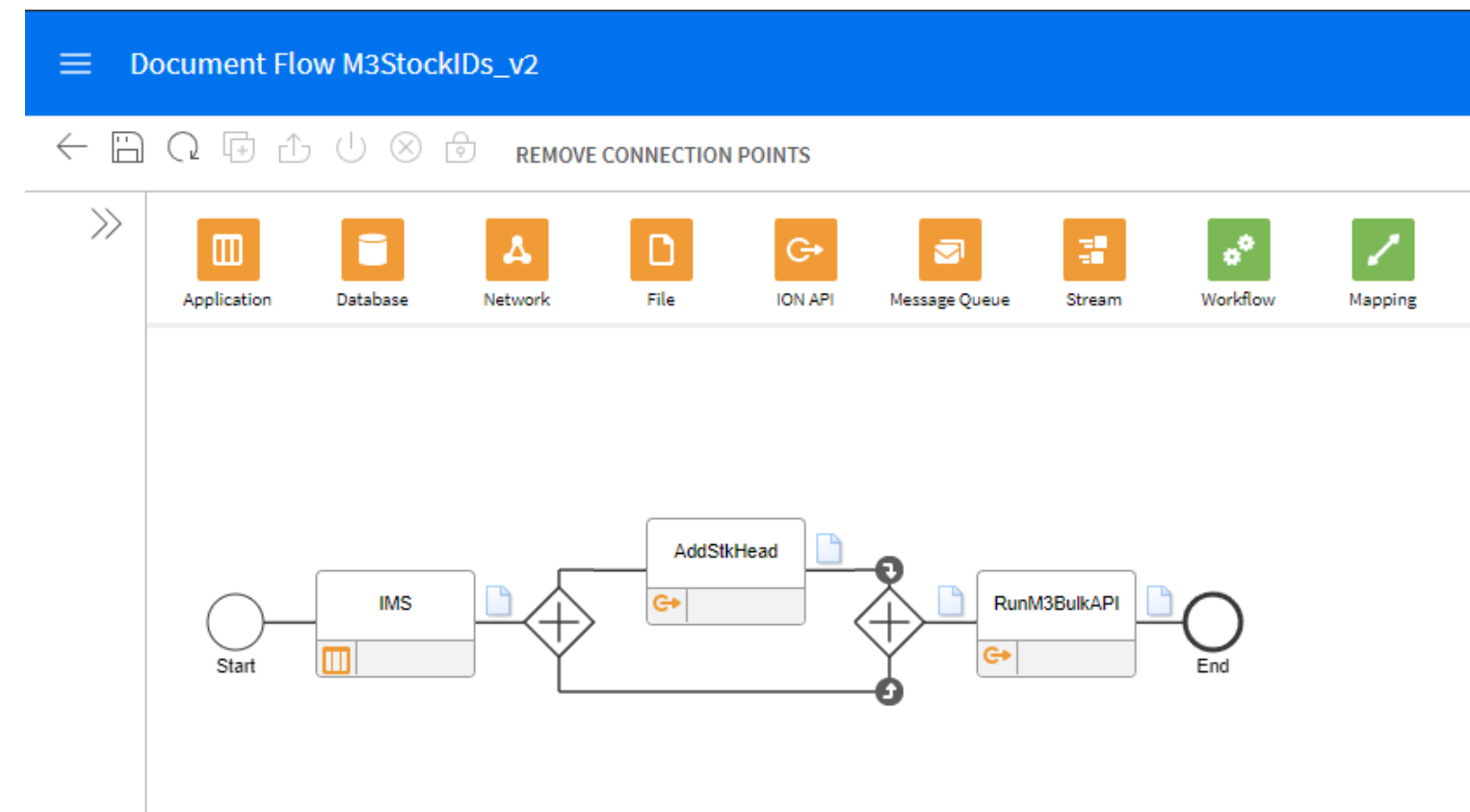
# Stock Balances – Basic flow



```
{
  "WHLO": "001",
  "EO65": "ALL",
  "EOPA": "JM",
  "EOPB": "JM",
  "EOIO": "I",
  "PMSN": "000001",
  "Lines": {
    "program": "MMS850MI",
    "transactions": [
      {
        "record": {
          "MSNR": "",
          "WHLO": "001",
          "WHSL": "YB0101",
          "MSLN": "00001",
          "PMSN": "00001",
          "ITNO": "75-JM001"
        },
        "transaction": "SndStkId"
      },
      {
        "record": {
          "MSNR": "",
          "WHLO": "001",
          "WHSL": "YB0101",
          "MSLN": "00001",
          "PMSN": "00001",
          "ITNO": "75-JM001",
          "QLFR": "0145",
          "QLQT": "950"
        },
        "transaction": "SndStkIns"
      },
      {
        "record": {
          "transaction": "SndStkId"
        },
      },
      {
        "record": {
          "transaction": "SndStkId"
        },
      },
      {
        "record": {
          "transaction": "SndStkIns"
        },
      },
      {
        "record": {
          "transaction": "PrcStkTran"
        },
      }
    ]
  }
}
```

# Document flow with Merge – Update stock balances

- ION receives JSON-file over IMS.
- File contains information
  - Header: AddStkHead
  - Lines: SndStkId & SndStkIns
  - Footer: PrcStkTran (\*AUT)
- Header added to M3 via ION API with MSNR in response
  - The replied number (MSNR) is being merged into the lines and footer of the JSON message using the merge functionality in the Doc Flow.
- Finally, the M3 bulk ION API is called to enter the lines into M3.






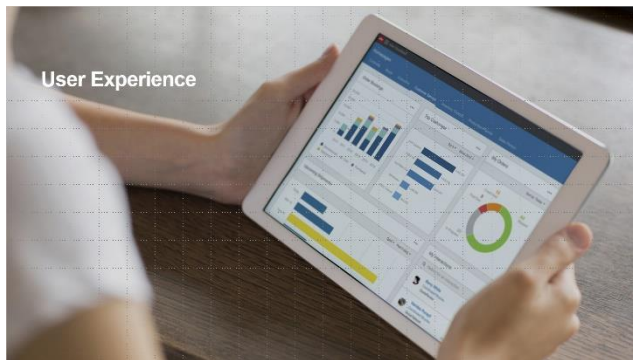
INTEGRATION


# Infor OS Services

“one of the most mature and complete EAP platforms”





 **Portal:** Modern flexible desktop/mobile user experience




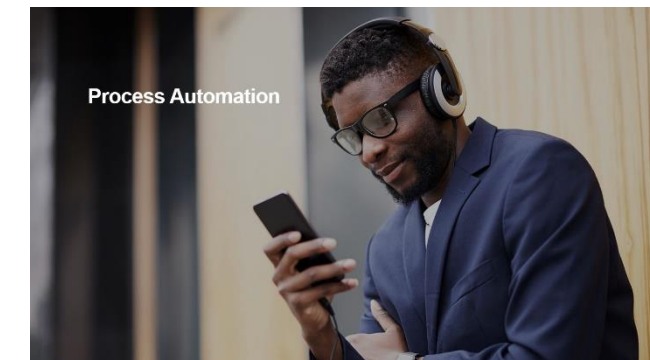
 **Integration:** Connect data from anywhere to anywhere




 **Data:** Store all your enterprise data from everything


 **Insights:** Analyze and Visualize Data everywhere

 **Automation:** Automate workflows with data anytime




 **Documentation:** Embedded contextual Document Management




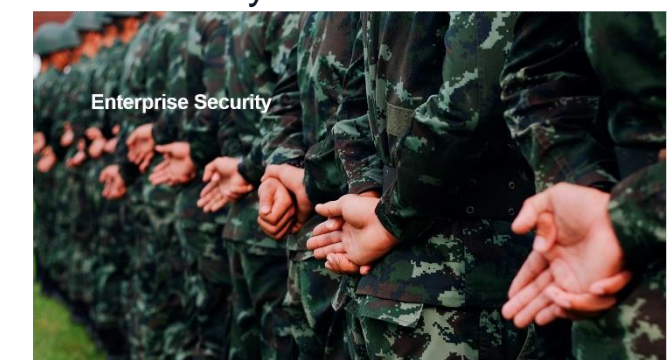
 **Machine learning:** model training and deployment



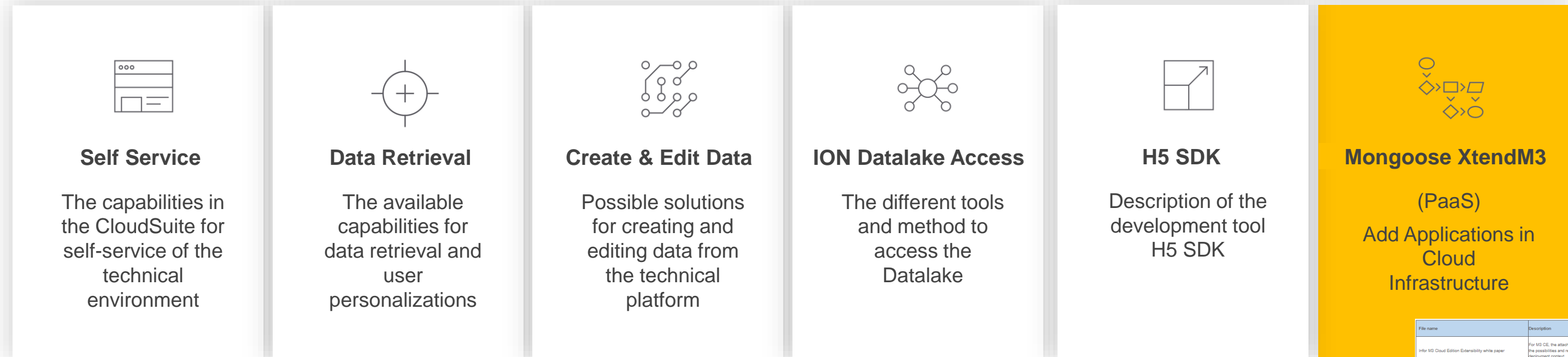
 **Extensibility:** Build data drive apps for anything



 **Secure:** Comprehensive user authentication and role-based security



# Overview Extensibility Architecture



## Self Service

The capabilities in the CloudSuite for self-service of the technical environment

## Data Retrieval

The available capabilities for data retrieval and user personalizations

## Create & Edit Data

Possible solutions for creating and editing data from the technical platform

## ION Datalake Access

The different tools and method to access the Datalake

## H5 SDK

Description of the development tool H5 SDK

## Mongoose XtendM3

(PaaS)  
Add Applications in Cloud Infrastructure

File name	Description
Infor M3 Cloud Edition Extensibility white paper	For M3 CE, the attached document provides an answer to the question of what the possibilities and restrictions for M3 CE Core will be in a multi-tenant cloud deployment context.
Infor M3 Extensibility white paper on-prem + ST_mv	The Attachment for M3 on-premise/single tenants is included for completeness - although this does NOT apply to M3 CloudEdition
Extensibility options available within M3 Multi-Tenant CloudSuite on AWS	Presentation originally given at Infor TechEd 2019 in Stockholm covering the extensibility options within M3 CloudEdition available at this time. Since this presentation, XtendM3 has been launched, Coleman DA and Coleman AI are onboarded to the M3 Suites.

Linked KBs

Extensibility Area	Skill Name	Description	Link to KB Article
Infor OS Adoption	Coleman Digital Assistant	Coleman Digital Assistant template skills for M3 CE Core	<a href="#">KB 2115095</a>
	Coleman AI Platform	This KB contains both information and demo solutions of the components needed for a worked example of how to use Coleman AI. Use Coleman AI to support Customer Order Discount suggestions and utilize them in M3 Price Guidance.	<a href="#">KB 2132011</a>
Integration templates	Infor M3 CE Generic Solution for Credit Card Service White Paper	This White Paper is intended for the system administrator or consultant who will design, develop, and configure an integration between Infor M3 CE and a card payment provider.	<a href="#">KB 2117382</a>
	M3 CE Integration and Infor OS content - Knowledge Base Articles	A knowledge base article with links to resources related to Infor OS Content and M3 CE integrations, such as implementation guide for EDI, Credit Card Service etc.	<a href="#">KB 2017962</a>
	Infor M3 Cloud - Salesforce Integration	This guide describes the integration of Infor M3 Cloud and Salesforce and explains the integration process requirements, configuration tasks, and troubleshooting information.	<a href="#">KB 2177244</a>
	Infor M3 Cloud - M3CRM (Microsoft Dynamics CRM 365) Integration	This guide describes the integration of Infor M3 Cloud and Microsoft Dynamics CRM 365 and explains the integration process requirements, configuration tasks, and troubleshooting information.	<a href="#">KB 2177200</a>

[https://support.infor.com/espublic/EN/AnswerLinkDotNet/SoHo/Solutions/SoHoViewSolution.aspx?SolutionID=1858460&kb\\_is\\_archived=0&kb\\_accessed\\_from=KBSearchResult](https://support.infor.com/espublic/EN/AnswerLinkDotNet/SoHo/Solutions/SoHoViewSolution.aspx?SolutionID=1858460&kb_is_archived=0&kb_accessed_from=KBSearchResult)

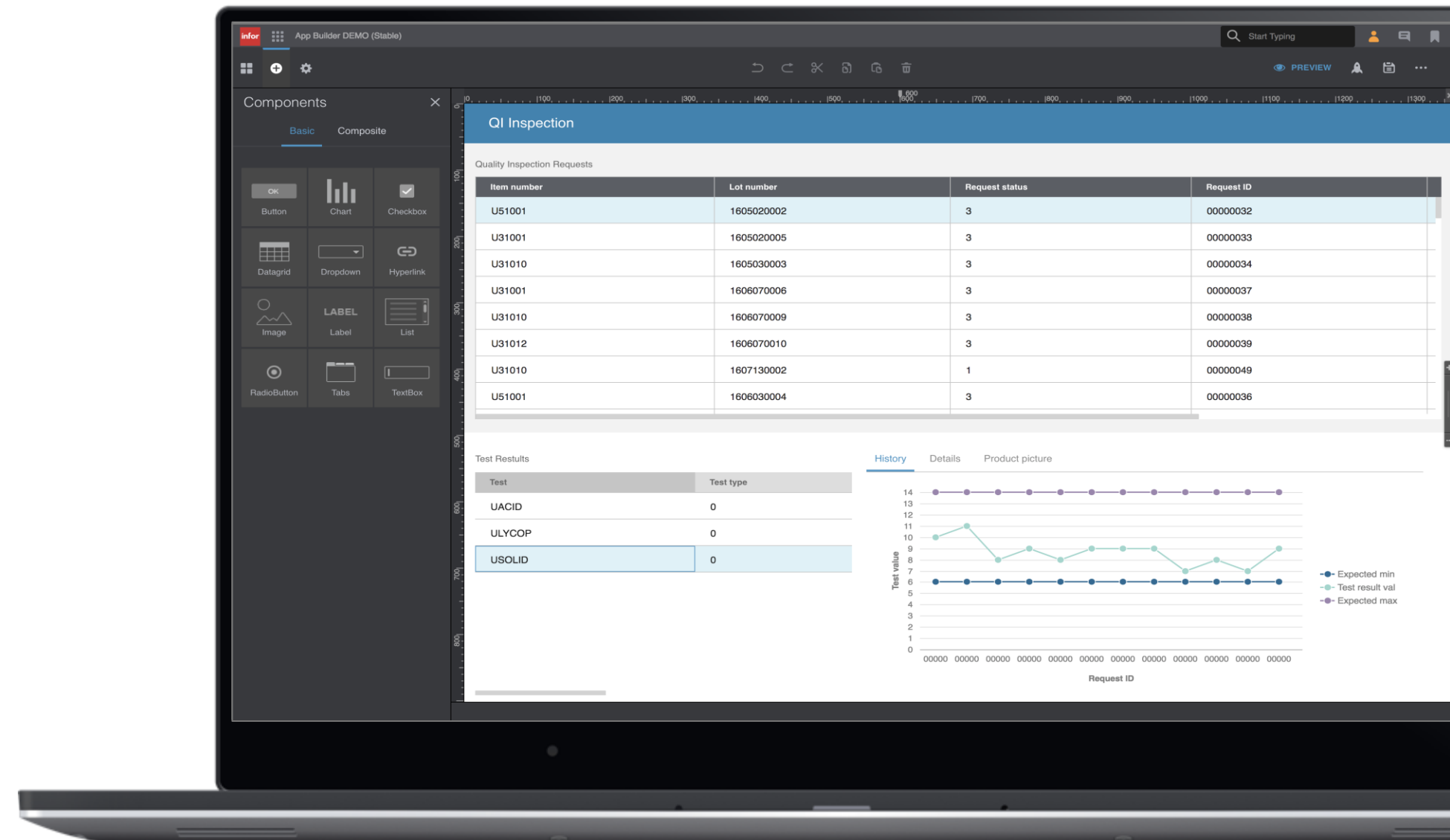
## EXTENSIBILITY

# Innovate With New Apps And Features



## EXTENSIBILITY

- Rapid application development tools / WYSIWYG design
- No code – Low Code – Full Code
- Simple mashups to full stack web development
- Deployed as HTML 5 / Device responsive
- Integrated with other services
  - IFS / SSO
  - Employee Portal
  - ION IPaaS (ION / API)
  - ION Workflow
  - AI / ML



# Low code – Wizards



## New data maintenance

Allows developers to quickly and easily build base tables/IDOS and forms with zero coding



## Master form

Master forms allow developers to build the base of their application and not have to copy/paste over and over. Also allows for easy uplift/maintenance.



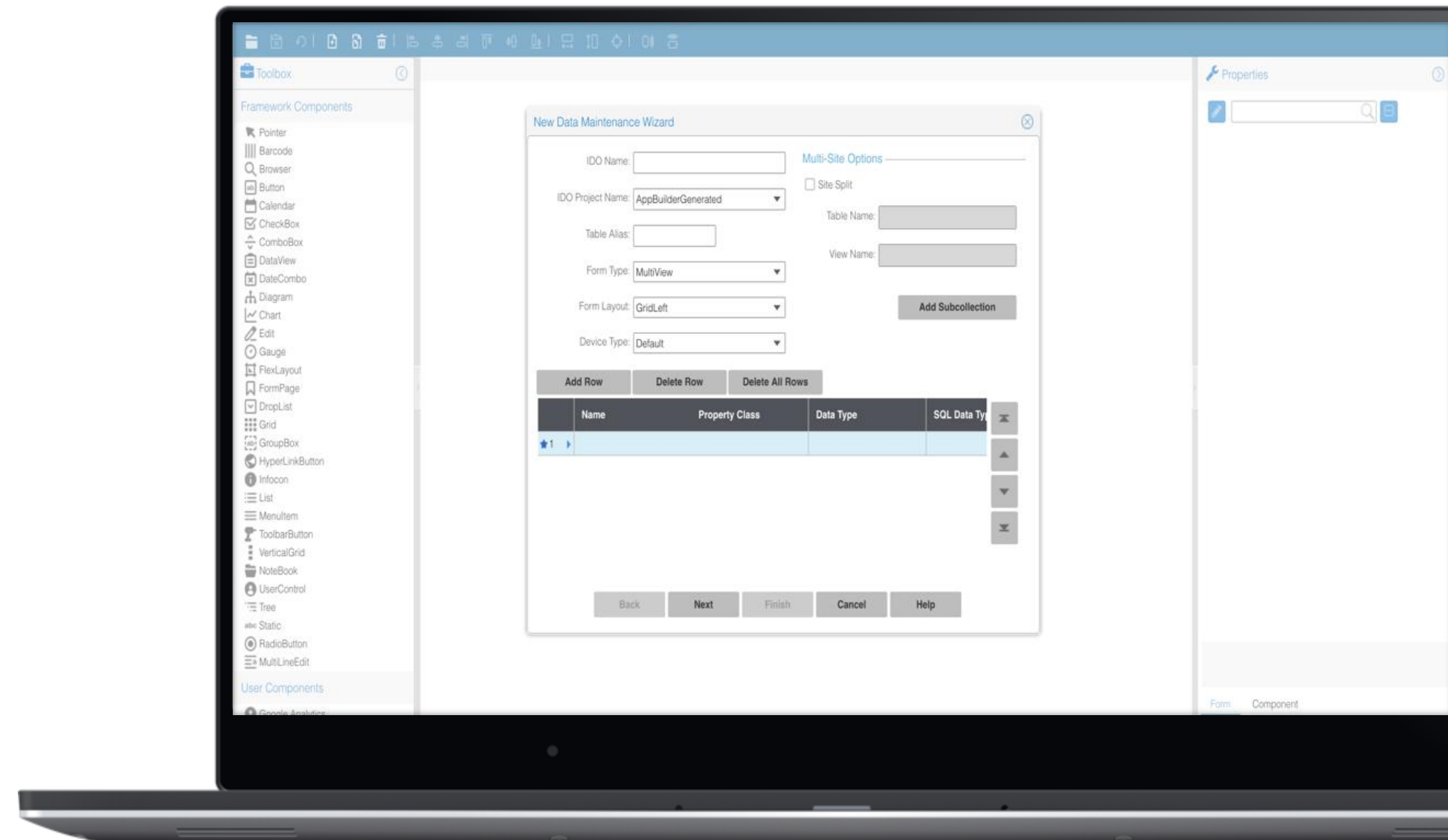
## XML to IDO

This tool allows you to absorb BODs and create and IDO without any issue



## DataViews

Being able to quickly and easily build views for either screen or basic reporting.





# Full code – Designer



## Custom assemblies

Allows to developer to access items like REST or SOAP calls and have them in a reusable state..



## IDOs

Intelligent Data Objects control all the interaction of data with user in either form, report or back end processing



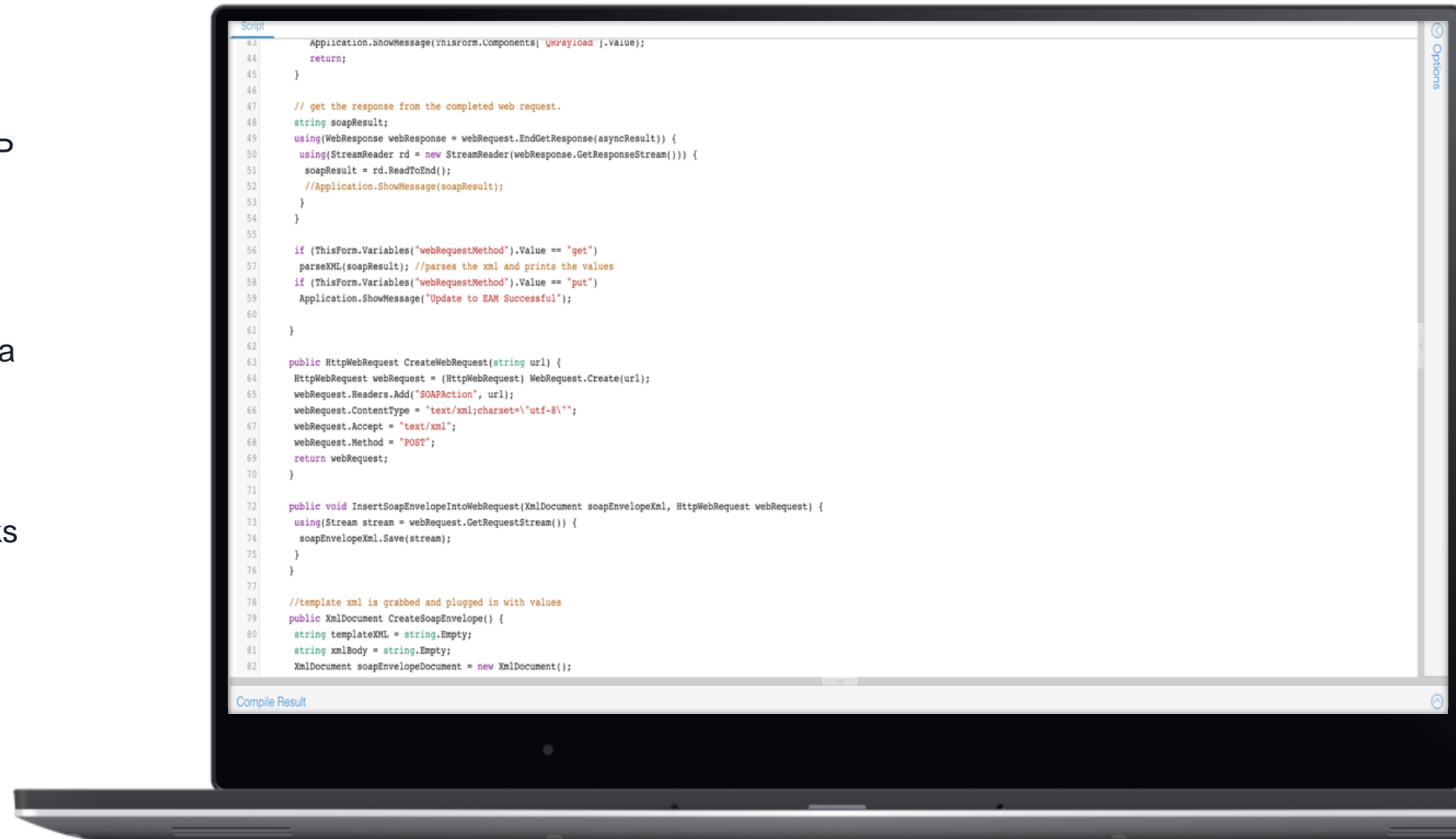
## AES

This workflow engine allows developers to interject forks and controls with outside individuals to allow proper business processing to take place

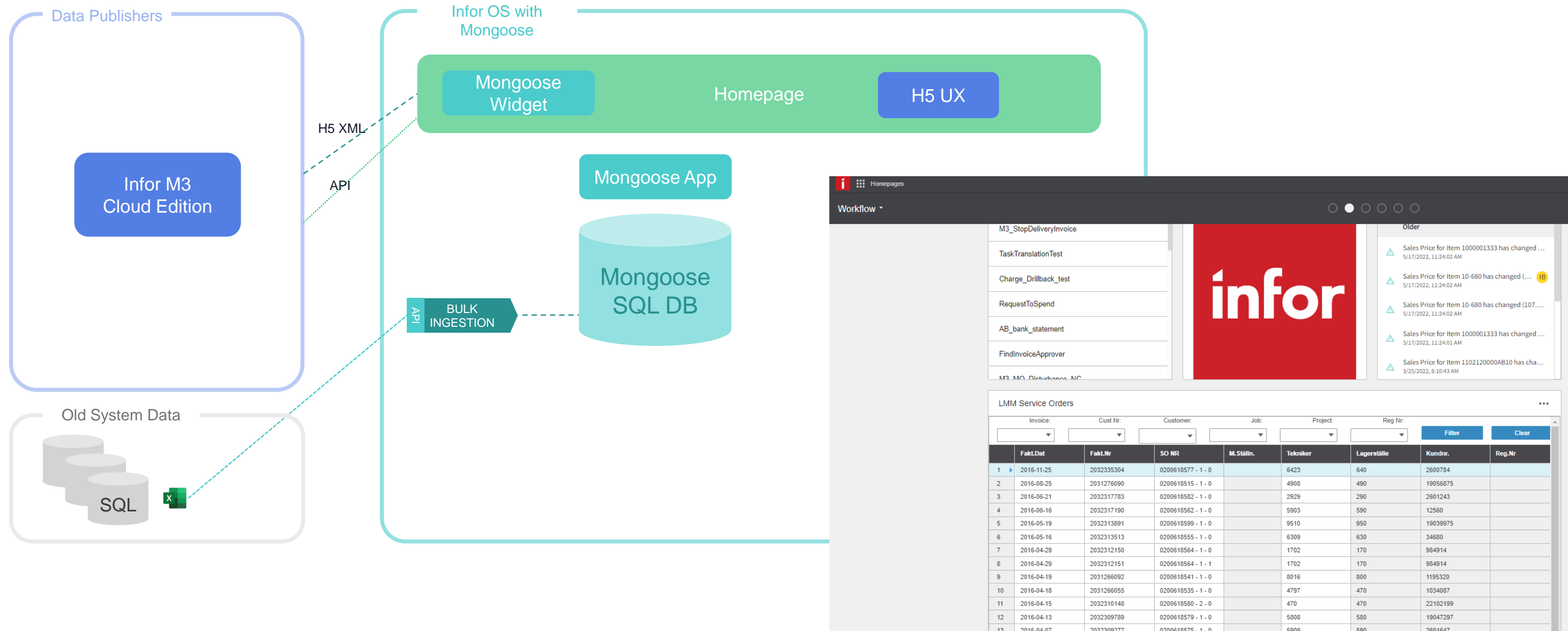


## Form scripting

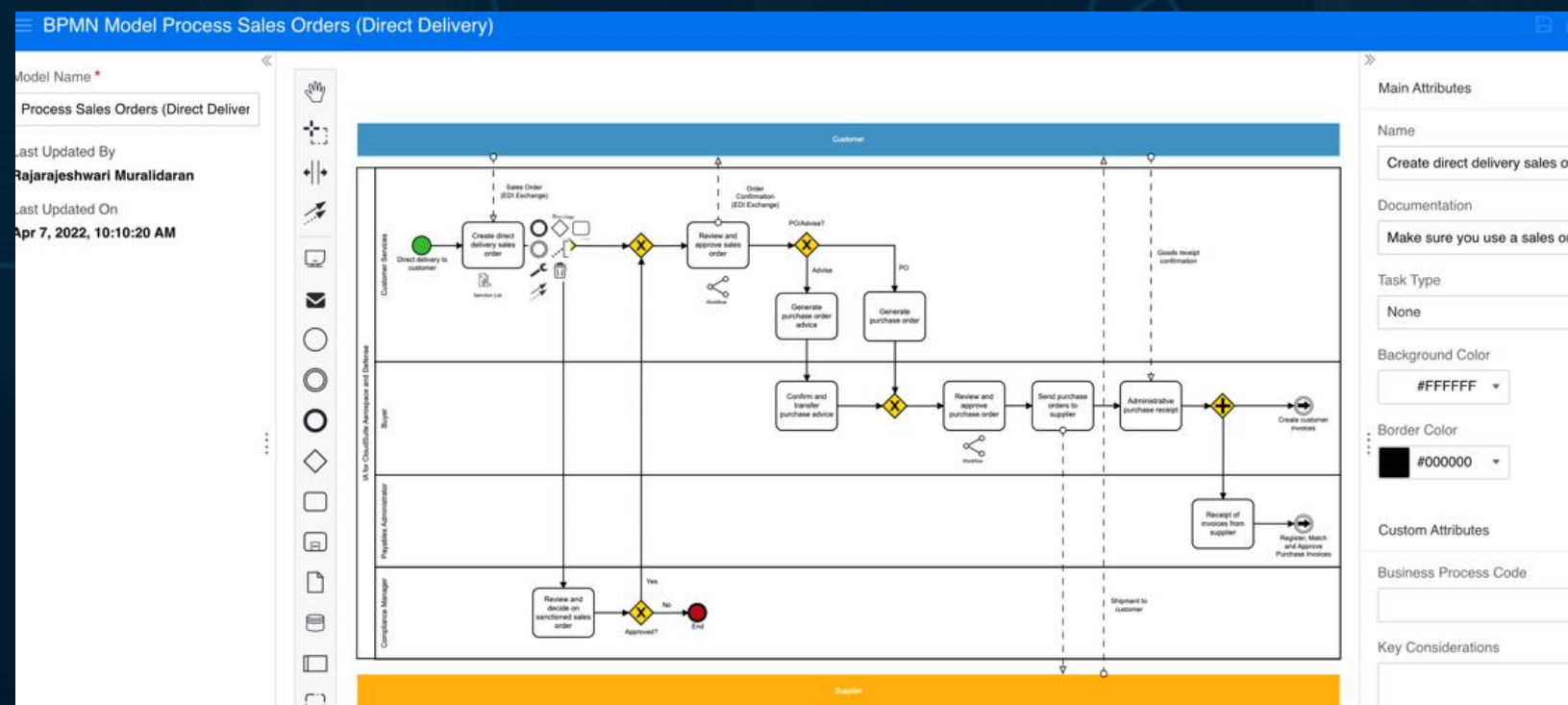
Similar to Custom Assemblies, Form Scripting allows developers to take control where the base framework does not suffice.



# Architecture - Mongoose App in M3CE Solution



# Infor Process Intelligence






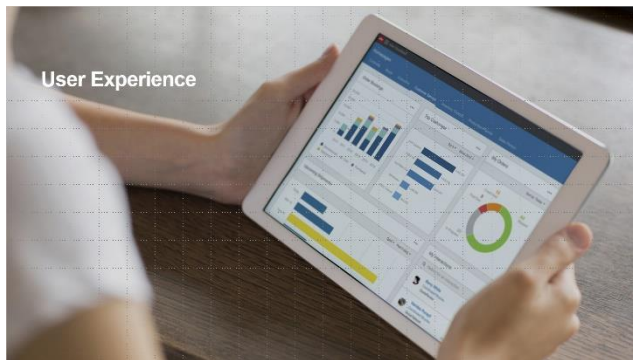
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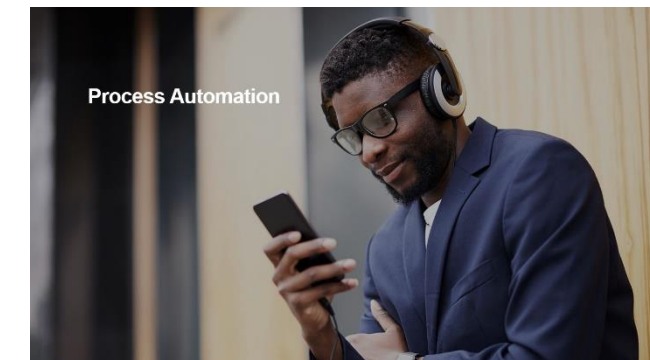
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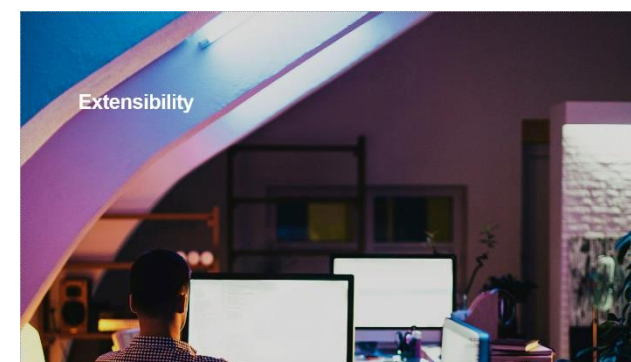
 **Documentation:** Embedded contextual Document Management




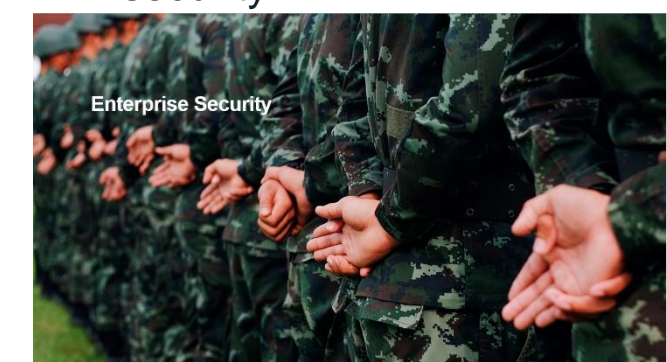
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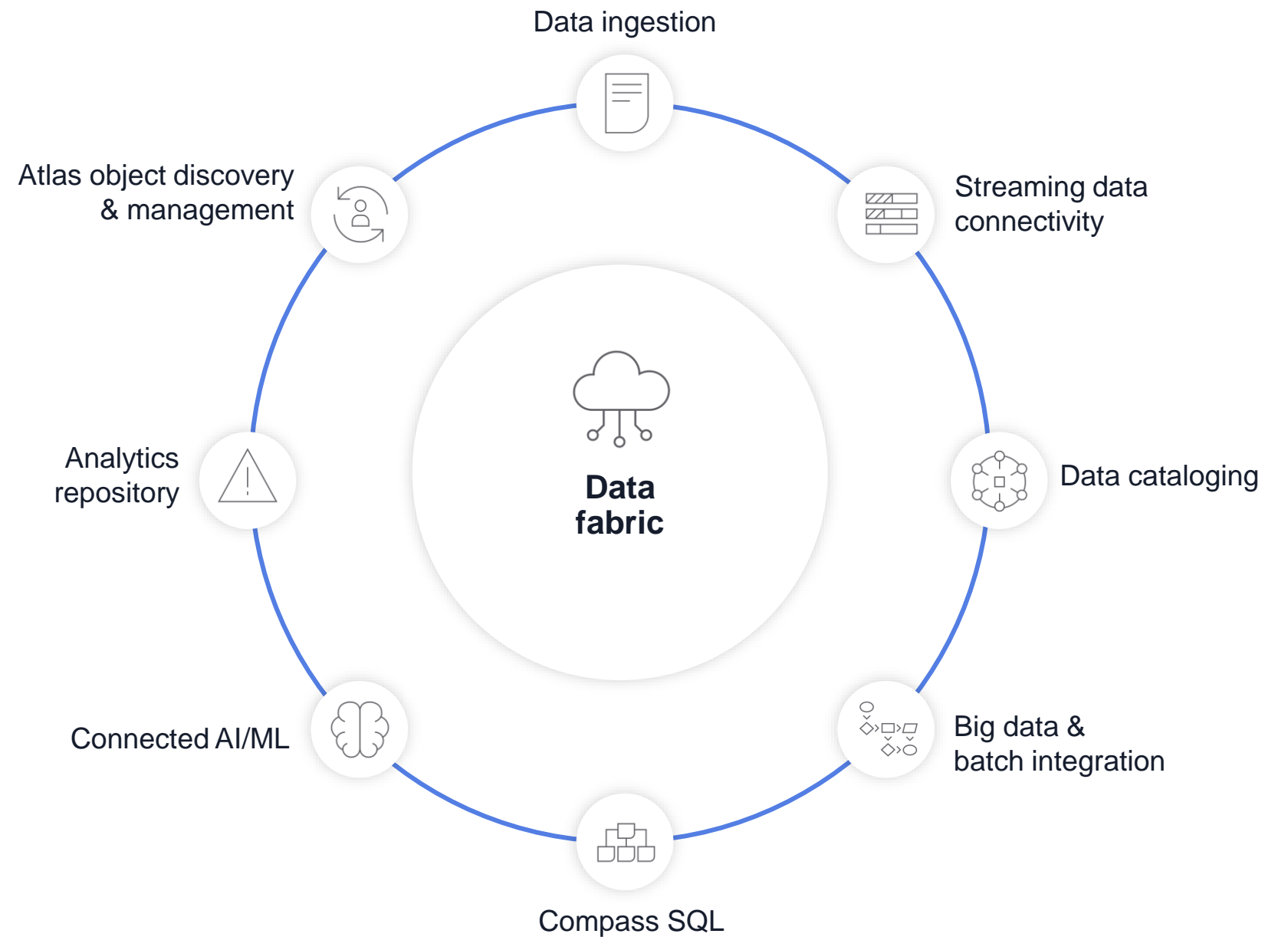
 **Secure:** Comprehensive user authentication and role-based security



# Data fabric

With an ever-increasing array of enterprise applications, APIs, devices, and users, having a big data platform to centralize the entirety of your data portfolio helps organizations start their journey from analytics to predictive AI application.

The Infor Data Fabric is able to receive and capture every instance of data generated in an immutable, long-term storage platform while allowing content developers and self-service users to quickly ask questions, find trends, and extract content managed by the Data Fabric with Data Lake's Compass SQL platform.





# Streaming data & its benefits

Streaming data is data that is generated continuously by data sources processing each transaction record by record to Data Fabric Streaming Ingestion services to get it stored in Data Lake and simultaneously be processed in real-time with Stream Pipelines for delivery to a database

## Publishers

- Publishers can send data events when they happen
- Publishers do not worry about micro-batching and optimal object size
- Publishers provide the 1<sup>st</sup> half of operational insight capabilities

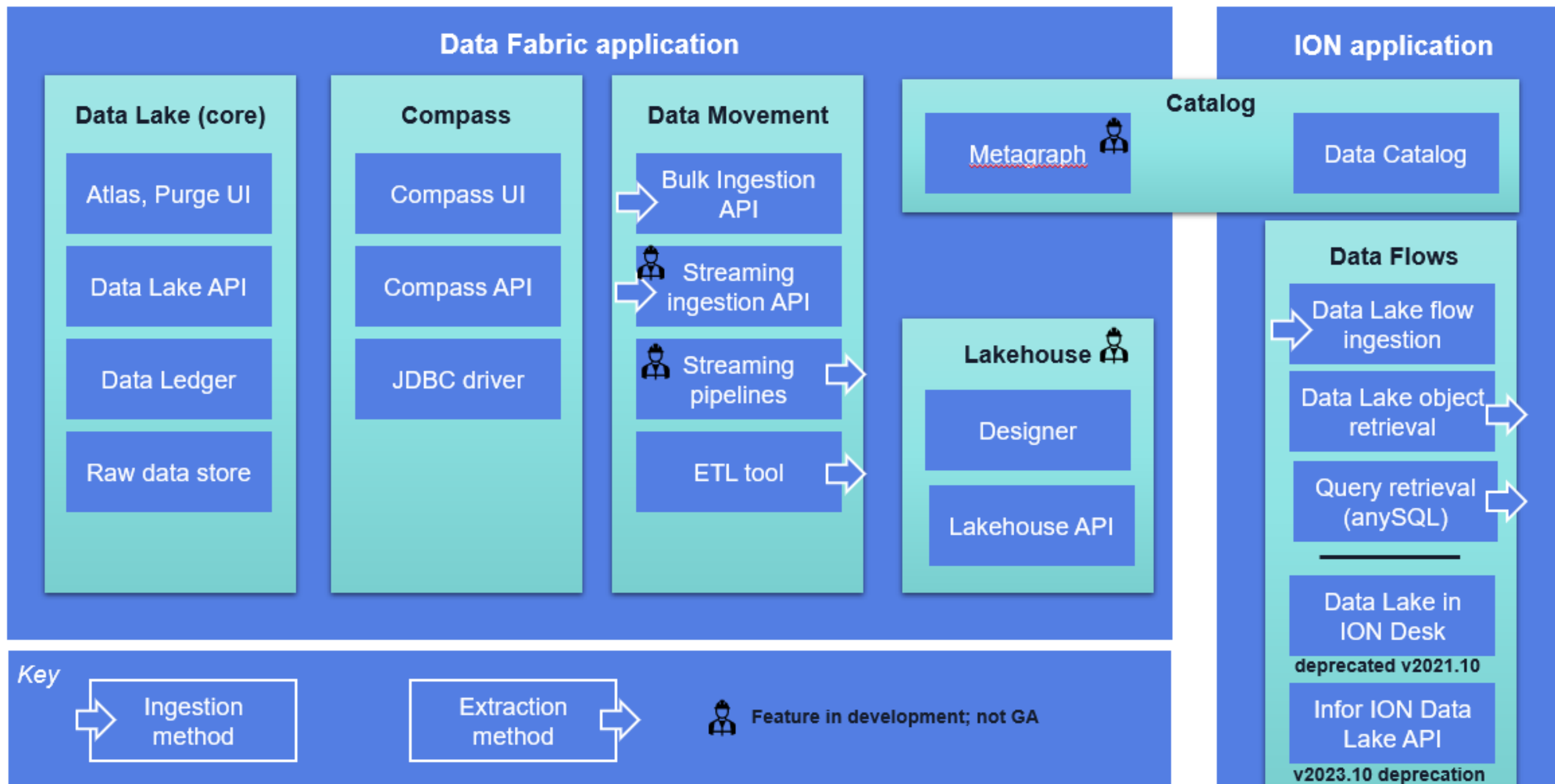
## Data Lake

- Data Fabric becomes author of the data objects
- Data Fabric ensures optimal object sizes are reached before storing
- Existing Data Lake concepts and services continue to work as today with data published in a novel way

## Stream Pipelines

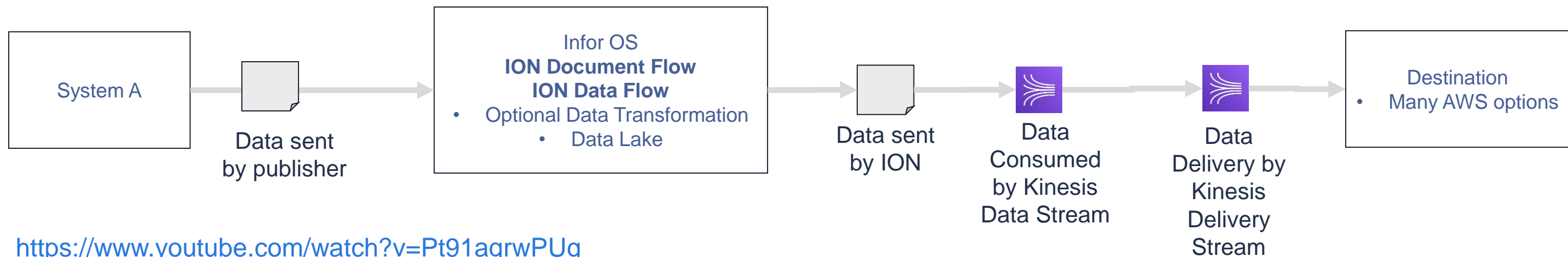
- Stream Pipelines allows customers to subscribe to streamed data to continuously push it downstream for a real-time delivery to a cloud data destination
- Stream Pipelines is the 2<sup>nd</sup> half that enables the operational reporting capabilities

# Data Fabric Overview Architecture



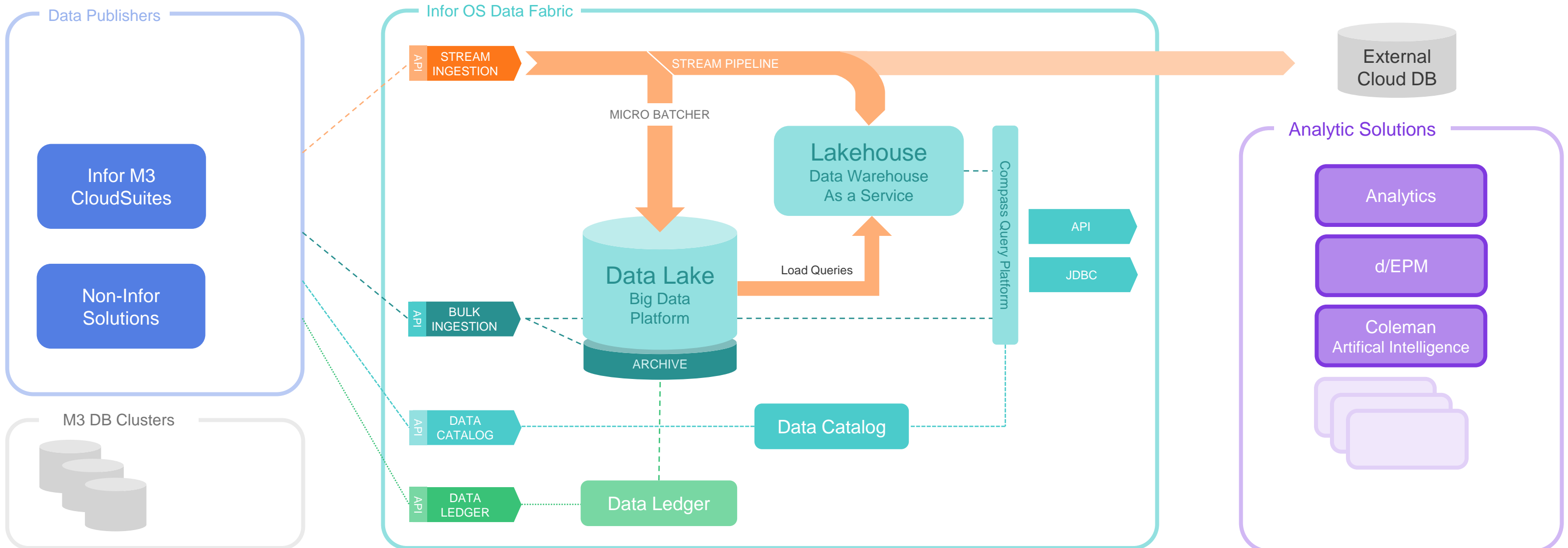
# Stream data from Infor ION

- Infor Intelligent Open Network (ION) is an Enterprise Application Integration platform
- Data can be interfaced to and from the ION platform
- Amazon AWS Kinesis is a data streaming tool
- You can connect to a Kinesis Data Stream from ION

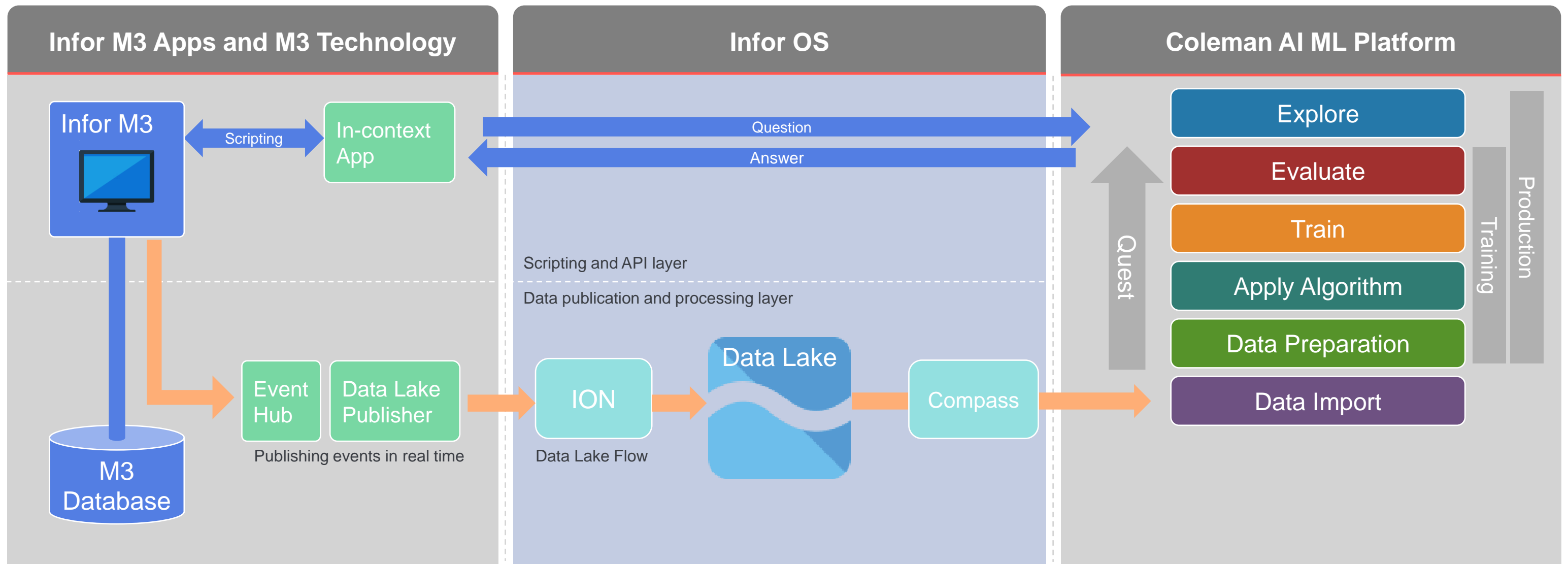


<https://www.youtube.com/watch?v=Pt91aqrwPUg>

# M3 and Data Fabric



# High Level Architecture





### Data Lake Publisher

Document Subscriptions

Available	Selected
ACERTH: Approval Tag (RCH)	<input checked="" type="checkbox"/> OOHEAD : CO header file
ACLEVER : Weight and Volume Information	<input type="checkbox"/>
ACREW : Crew Information (GFW)	<input type="checkbox"/>
ACSBAL : Simulation Agreement summary (SBS)	<input type="checkbox"/>
ACUACC : Invoice accounting (LUT)	<input type="checkbox"/>
ACUACL : Agreement line charges	<input type="checkbox"/>
ACUAGA : Weight and Volume Information	<input type="checkbox"/>
ACUACR : Assessment handles over price interval (DAB)	<input type="checkbox"/>

### Compass

Run Query

```
1 select * from OOHEAD where RGRD = '20221019'
```

Results (TOP 100 rows in 7.8 seconds, on 10/21/2022 4:04 PM)

CAC	CHB	CHL1	CHL2	CHL3	CHL4	CHNO	CHSY	CMPLN	COAM	CONO	CPRE	CRTP	CUCD	CUCH	CUOT	CUNO	CUOR	CURS
	MECSVC					2			22.8926000000000000	400		1	EUR		20221019	SHUB		0
	MECSVC					2			22.8926000000000000	400		1	EUR		20221019	SHUB		0
	MECSVC					2			22.8926000000000000	400		1	EUR		20221019	SHUB		0
	MECSVC					2			22.8926000000000000	400		1	EUR		20221019	SHUB		0
	MECSVC					2			22.8926000000000000	400		1	EUR		20221019	SHUB		0
	MECSVC					2			22.8926000000000000	400		1	EUR		20221019	SHUB		0
	MECSVC					2			22.8926000000000000	400		1	EUR		20221019	SHUB		0
	MECSVC					2			22.8926000000000000	400		1	EUR		20221019	SHUB		0
	MECSVC					2			22.8926000000000000	400		1	EUR		20221019	SHUB		0
	MECSVC					2			22.8926000000000000	400		1	EUR		20221019	SHUB		0

### Quest: CO\_sample\_Demo [1] [1] [4]

Training Production

Workflow steps: Import Data → Scripting → Edit Metadata → Index Data → Handle Missing → Select Column

Dataset: CO\_sample\_Demo

Characters left: 500

Buttons: Import Data, Prepare Data, Explore Data, Apply Algorithm, Train Model, Evaluate Model

M3BE Data Lake Publisher Atlas Compass SQL Datasets Quests Endpoints

### Atlas

oohead

Object ID	Channel	Ingress Date	Source Publication Date	Time In Transit	Compres
1-5e28f8d-fb0-313a-835a-5d396c719555	ION	Oct 21, 2022 3:47:05 PM	Oct 21, 2022 3:46:55 PM	10.377 s	2.040 K
1-ac75ecc0-828a-3807-895c-8084fe6a656d	ION	Oct 21, 2022 3:45:05 PM	Oct 21, 2022 3:45:01 PM	4.630 s	1.229 K
1-0952714-b72e-38a9-aa20-4adc56f22816	ION	Oct 21, 2022 3:43:45 PM	Oct 21, 2022 3:43:35 PM	10.092 s	2.239 K
1-3c3f77ac-f5a4-30c7-bff0-837761d70e87	ION	Oct 21, 2022 3:36:29 PM	Oct 21, 2022 3:36:24 PM	4.860 s	2.040 K
1-384b6e93-fa9f-3a32-8ba7-075503a8cb34	ION	Oct 21, 2022 3:34:37 PM	Oct 21, 2022 3:34:30 PM	6.586 s	1.229 K
1-6711da30-d1fb-3a7c-b1a4-48f09919d00b	ION	Oct 21, 2022 3:33:12 PM	Oct 21, 2022 3:33:05 PM	7.089 s	2.239 K
1-6fc71af-3d72-3961-92f0-3aa097821071	ION	Oct 21, 2022 3:26:02 PM	Oct 21, 2022 3:25:54 PM	7.782 s	2.040 K
1-3e439672-1bbc-3c18-85b4-8805aaee28d8	ION	Oct 21, 2022 3:24:02 PM	Oct 21, 2022 3:24:00 PM	2.191 s	1.229 K
1-33b703af-1307-34d7-af6c3-673f61de142	ION	Oct 21, 2022 3:22:44 PM	Oct 21, 2022 3:22:35 PM	9.336 s	2.249 K
1-5aa5d2c9-bdf1-3573-8835-7387ff6cb18	ION	Oct 21, 2022 3:15:31 PM	Oct 21, 2022 3:15:24 PM	7.067 s	2.040 K
1-277a633c-996b-33d9-8e95-b846e69e03f	ION	Oct 21, 2022 3:13:36 PM	Oct 21, 2022 3:13:30 PM	6.374 s	1.229 K
1-0f4b8582-bbf3-3a5f-89ff-871313a2ef6e	ION	Oct 21, 2022 3:12:16 PM	Oct 21, 2022 3:12:04 PM	11.652 s	2.249 K

### Dataset: OOHEAD\_Sample

USAGE

Name: OOHEAD\_Sample

Description:

Status: Data loaded

Last Update: Siddhartha Gaddagunti, 2/8/2022 8:16 AM

SQL Query

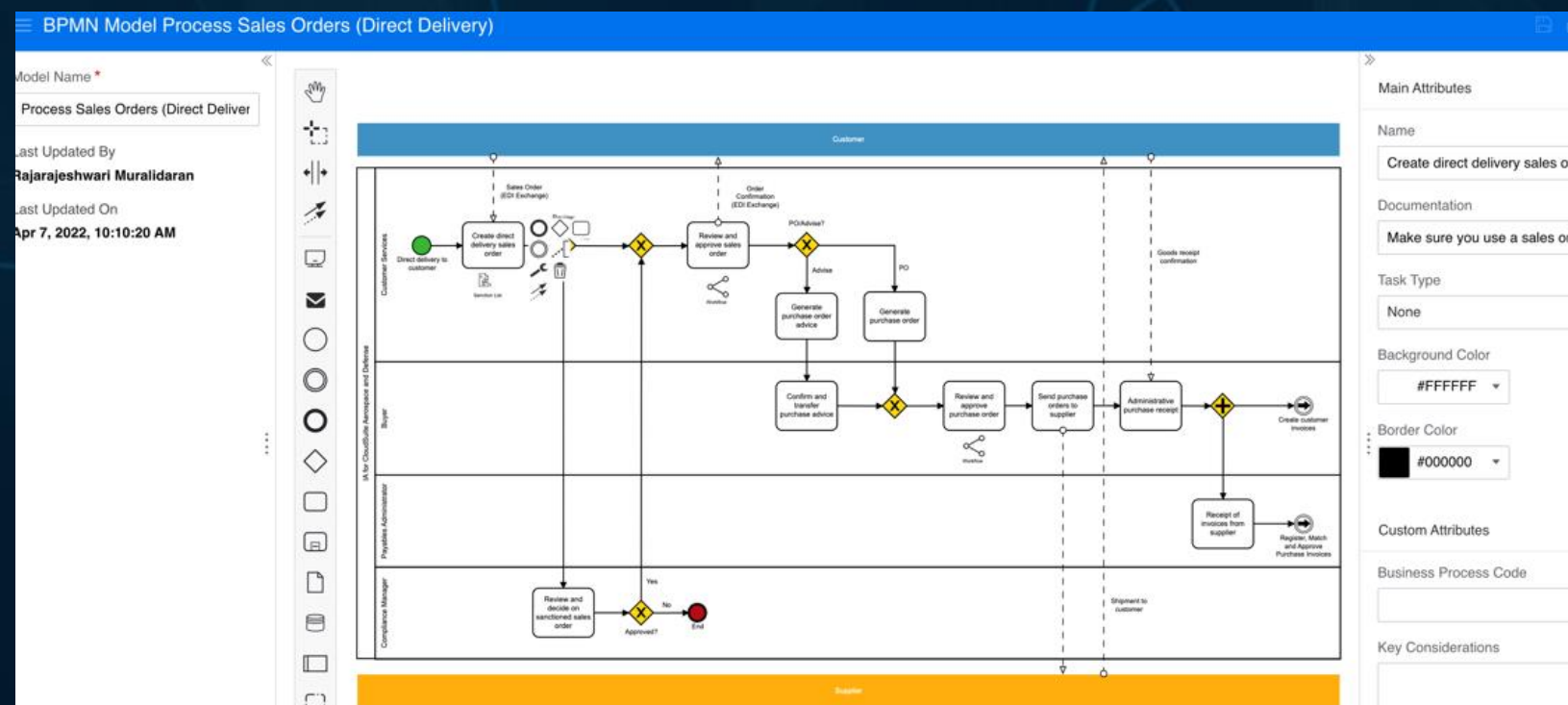
```
1 select H.ORDT, H.ORTP, H.ORNO, H.MOVL
2 from OOHEAD H INNER JOIN OOLINE L on H.ORNO = L.ORNO where L.INIP = 0 and L.NPID = 0 and L.PIDE = '...'
3
```

Preview

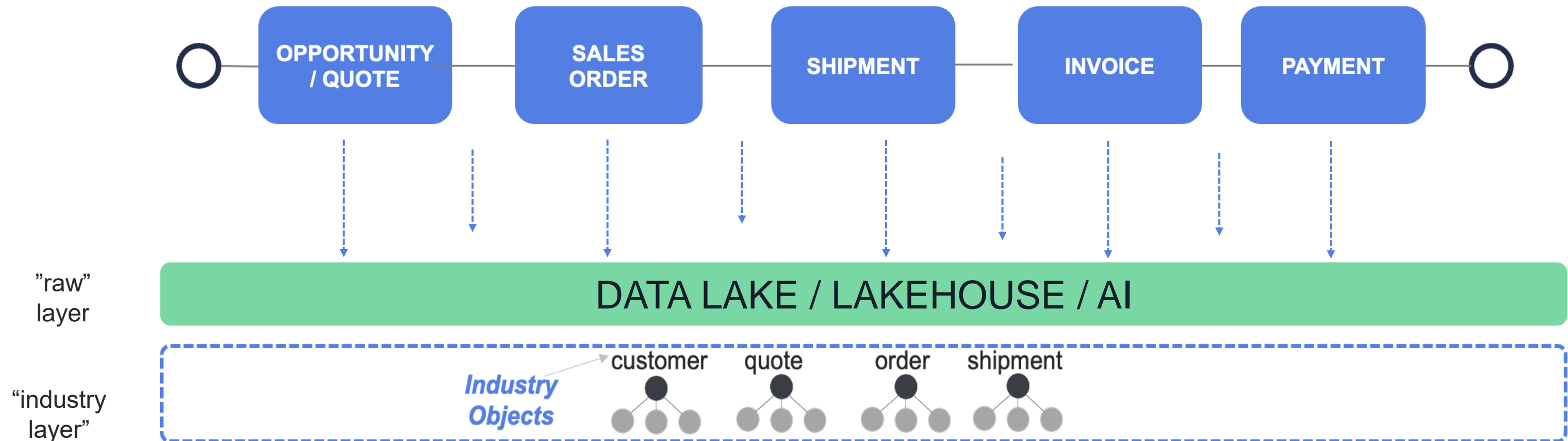
Previewing: 200 rows, 4 columns

ORDT	ORTP	ORNO	MOVL
20,220,401	26E	4,003,113,047	006
20,201,215	SHB	4,003,112,562	003
20,201,215	SHB	4,003,112,564	003
20,211,115	26C	4,003,112,918	003
20,200,102	SHB	4,003,112,394	003
20,220,922	SHB	4,003,113,234	006
20,220,922	SHB	4,003,113,234	006

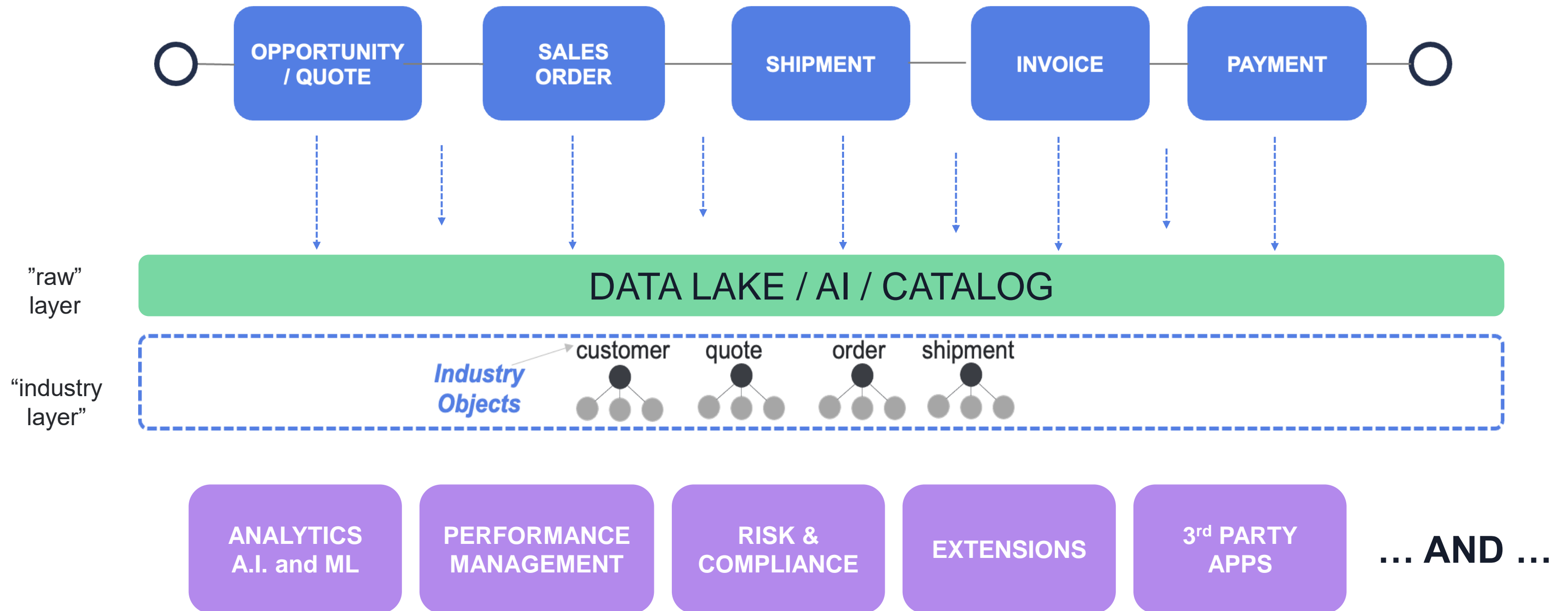
# Infor Process Intelligence



# 1. Model a business process & collect data



## 2. Enable re-usable downstream innovation



Search bar

- ★ Favorites
- 🕒 Recent
- Administration Tools**
- Mashup Library
- + SMS - Sales and Marketing Au...
- + SLS - Sales Management
- + EQM - Equipment Quotation ...
- + MNT - Maintenance Order Ma...
- + SRV - Service Management
- + RTM - Rental Management
- + FIC - Financial Controlling
- + FIM - Financial Accounting
- + MAN - Manufacturing Execution
- + MAI - Maintenance Management
- + PDM - Product Data Manage...
- + PJM - Project Management
- + SCP - Supply Chain Planning
- + SCE - Supply Chain Execution
- + PUP - Procurement

### Data Lake Publisher

#### Subscriptions

Document Subscriptions

Available	Selected
<p>Search Available</p> <ul style="list-style-type: none"> <li>ACERTH : Approval Tag 0/(CH)</li> <li>ACLVER : Weight and Volume Information</li> <li>ACREWI : Crew Information 0/(FW)</li> <li>ACSALS : Simulation Agreement summary 0/(SS)</li> <li>ACUACC : Invoice accounting 1/(UT)</li> <li>ACUACL : Agreement line charges</li> <li>ACUAGA : Weight and Volume Information</li> <li>ACUAGB : Agreement handling per price interval 0/(AB)</li> </ul>	<p>oohead</p> <ul style="list-style-type: none"> <li><b>OOHEAD</b> : CO header file</li> </ul>



oohead

OOHEAD  
Oct 21, 2022 4:14:58 PM | 6730

OOHEAD (6730 Data objects)

	Details	Object ID	Channel	Indexed Date	Source Publication Date	Time In Tr
<input type="checkbox"/>	→	1-4c2c08ac-b568-3d87-85a7-b5f3f8735a74	ION	Oct 21, 2022 4:14:58 PM	Oct 21, 2022 4:14:48 PM	10.630 s
<input type="checkbox"/>	→	1-8bff60bb-85bf-3f7e-8c5f-b70bc1bea7c4	ION	Oct 21, 2022 4:08:10 PM	Oct 21, 2022 4:07:55 PM	14.812 s
<input type="checkbox"/>	→	1-618305ba-b6f4-3907-9f7d-af404b463876	ION	Oct 21, 2022 4:06:14 PM	Oct 21, 2022 4:06:01 PM	12.644 s
<input type="checkbox"/>	→	1-b6cb0cf0-2f91-3e29-9ba5-7e5aba6a5494	ION	Oct 21, 2022 4:04:28 PM	Oct 21, 2022 4:04:18 PM	10.062 s
<input type="checkbox"/>	→	1-566660ed-b60d-3216-a663-9f4670c179fe	ION	Oct 21, 2022 3:57:33 PM	Oct 21, 2022 3:57:25 PM	7.922 s
<input type="checkbox"/>	→	1-7cdced2d-3bda-343f-8884-0f11ad653234	ION	Oct 21, 2022 3:55:35 PM	Oct 21, 2022 3:55:31 PM	4.308 s
<input type="checkbox"/>	→	1-c85af164-e230-3728-bf23-7f0edaddf9a7	ION	Oct 21, 2022 3:54:00 PM	Oct 21, 2022 3:53:56 PM	3.361 s
<input type="checkbox"/>	→	1-5e2f68df-7bf0-313a-835a-5d396c719555	ION	Oct 21, 2022 3:47:05 PM	Oct 21, 2022 3:46:55 PM	10.377 s
<input type="checkbox"/>	→	1-ac75eec0-828a-3807-895c-8084fe6a666d	ION	Oct 21, 2022 3:45:05 PM	Oct 21, 2022 3:45:01 PM	4.630 s
<input type="checkbox"/>	→	1-05f52714-b72e-38a8-aa20-4adc56f22816	ION	Oct 21, 2022 3:43:45 PM	Oct 21, 2022 3:43:35 PM	10.092 s
<input type="checkbox"/>	→	1-3c3f77ac-f5a4-30c7-bff0-837761d70e87	ION	Oct 21, 2022 3:36:29 PM	Oct 21, 2022 3:36:24 PM	4.860 s
<input type="checkbox"/>	→	1-384b6ef3-fa9f-3a32-8ba7-075503a8cb34	ION	Oct 21, 2022 3:34:37 PM	Oct 21, 2022 3:34:30 PM	6.586 s
<input type="checkbox"/>	→	1-6711da30-d1fb-3a7c-b1a4-48f0b91fd00b	ION	Oct 21, 2022 3:33:12 PM	Oct 21, 2022 3:33:05 PM	7.089 s
<input type="checkbox"/>	→	1-6fcf71af-3df2-3961-92fd-3aa097821071	ION	Oct 21, 2022 3:26:02 PM	Oct 21, 2022 3:25:54 PM	7.782 s
<input type="checkbox"/>	→	1-3e439672-1bbc-3c18-85b4-8805ae28d8	ION	Oct 21, 2022 3:24:02 PM	Oct 21, 2022 3:24:00 PM	2.191 s
<input type="checkbox"/>	→	1-33b703af-1307-34d7-a9c3-673fa61de142	ION	Oct 21, 2022 3:22:44 PM	Oct 21, 2022 3:22:35 PM	9.336 s
<input type="checkbox"/>	→	1-faa6d2c9-bdf1-3573-8835-7387cff4cb18	ION	Oct 21, 2022 3:15:31 PM	Oct 21, 2022 3:15:24 PM	7.067 s
<input type="checkbox"/>	→	1-277a633c-996b-33d9-8ef5-b846eb90e03f	ION	Oct 21, 2022 3:13:36 PM	Oct 21, 2022 3:13:30 PM	6.374 s
<input type="checkbox"/>	→	1-0f4b8582-bbf3-3af5-89ff-87313a2ef6fe	ION	Oct 21, 2022 3:12:16 PM	Oct 21, 2022 3:12:04 PM	11.652 s
<input type="checkbox"/>	→	1-2c0f19f1-ae7b-3002-a28e-baea57e51015	ION	Oct 21, 2022 3:05:05 PM	Oct 21, 2022 3:04:54 PM	11.367 s
<input type="checkbox"/>	→	1-87b2bee2-7cc4-3080-ae01-3ce08eba4d6b	ION	Oct 21, 2022 3:03:06 PM	Oct 21, 2022 3:03:00 PM	6.484 s

1-566660ed-b60d-3216-a663-9f4670c179fe

Content Properties

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1 {"CONO":400,"DIVI":"AAA","ORNO":"0010000336","ORTP":
2 {"CONO":400,"DIVI":"AAA","ORNO":"0010000336","ORTP":
3 {"CONO":400,"DIVI":"AAA","ORNO":"4003113249","ORTP":
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7 {"CONO":400,"DIVI":"AAA","ORNO":"4003113249","ORTP":
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16 {"CONO":400,"DIVI":"AAA","ORNO":"4003113249","ORTP":
17 {"CONO":400,"DIVI":"AAA","ORNO":"4003113249","ORTP":
18 {"CONO":400,"DIVI":"AAA","ORNO":"4003113249","ORTP":
19 {"CONO":400,"DIVI":"AAA","ORNO":"4003113249","ORTP":
20 {"CONO":400,"DIVI":"AAA","ORNO":"4003113249","ORTP":
21 {"CONO":400,"DIVI":"AAA","ORNO":"4003113249","ORTP":
22 {"CONO":400,"DIVI":"AAA","ORNO":"0010000336","ORTP":
23
    
```

Purge Mark Corrupt Download

- Start typing to search
- Objects (979)
- Views (1)

```
Run Query
1 select * from OOHEAD where RGDT = '20221019'
```

Results (TOP 100 rows in 7.8 seconds, on Oct 21, 2022)

	3RDP	ABNO	accountingEntity	ADID	AGNO	AGNT	AICD	ARAT	BAGC	BAGD	BKID	BLRO	BRAM	BREC	BRLA	CCAC	CHID
1		0	400_AAA				0	0.0000000000000000		0		74.4500000000000000	64.5600000000000000		64.5600000000000000		MECSV
2		0	400_AAA				0	0.0000000000000000		0		74.4500000000000000	64.5600000000000000		64.5600000000000000		MECSV
3		0	400_AAA				0	0.0000000000000000		0		74.4500000000000000	64.5600000000000000		64.5600000000000000		MECSV
4		0	400_AAA				0	0.0000000000000000		0		74.4500000000000000	64.5600000000000000		64.5600000000000000		MECSV
5		0	400_AAA				0	0.0000000000000000		0		74.4500000000000000	64.5600000000000000		64.5600000000000000		MECSV
6		0	400_AAA				0	0.0000000000000000		0		74.4500000000000000	64.5600000000000000		64.5600000000000000		MECSV
7		0	400_AAA				0	0.0000000000000000		0		74.4500000000000000	64.5600000000000000		64.5600000000000000		MECSV
8		0	400_AAA				0	0.0000000000000000		0		74.4500000000000000	64.5600000000000000		64.5600000000000000		MECSV

Query ID: 00lwgTFqSp6LDLB50jnx

- Datasets
- Quests
- Endpoints
- Custom Algorithms
- Algorithm Quick Reference
- About Coleman AI Platform

### Dataset: CO\_Sample\_Demo

← 📄 ↻ ↺ ⬇️ USAGE

Name \*

Description

Characters left 500

Status  
Data loaded

Last Update  
 Siddhartha Gaddagunti,  
 2/8/2022 8:21 AM

Dataset Metadata Statistics

Data Import Method  
 Filter  SQL Query

SQL Query ⓘ

```

1 select H.CUNO,H.ORDT,H.ORTP,H.ORNO,H.MODL,L.ITNO
2 from OOHEAD H INNER JOIN OOLINE L on H.ORNO = L.ORNO WHERE L.INIP = 0 AND L.MPID = 0 AND L.PIDE=''
```

Preview

Previewing: 200 rows, 6 columns

CUNO	ORDT	ORTP	ORNO	MODL	ITNO
00000006	20,220,513	MM1	1,000,000,193	DBX	1774473
001	20,220,906	SHB	4,003,113,194	006	99-000039
JMSE01	20,220,919	SHB	4,003,113,221	006	PJ002
JMSE01	20,220,919	SHB	4,003,113,221	006	PJ003
JMSE01	20,220,919	SHB	4,003,113,221	006	PJ004
FRCUSTTRIA	20,210,714	26C	4,003,112,753	003	100000650
FRCUSTTRIA	20,210,802	26Z	4,003,112,777	003	100000501

- Datasets
- Quests
- Endpoints
- Custom Algorithms
- Algorithm Quick Reference
- About Coleman AI Platform

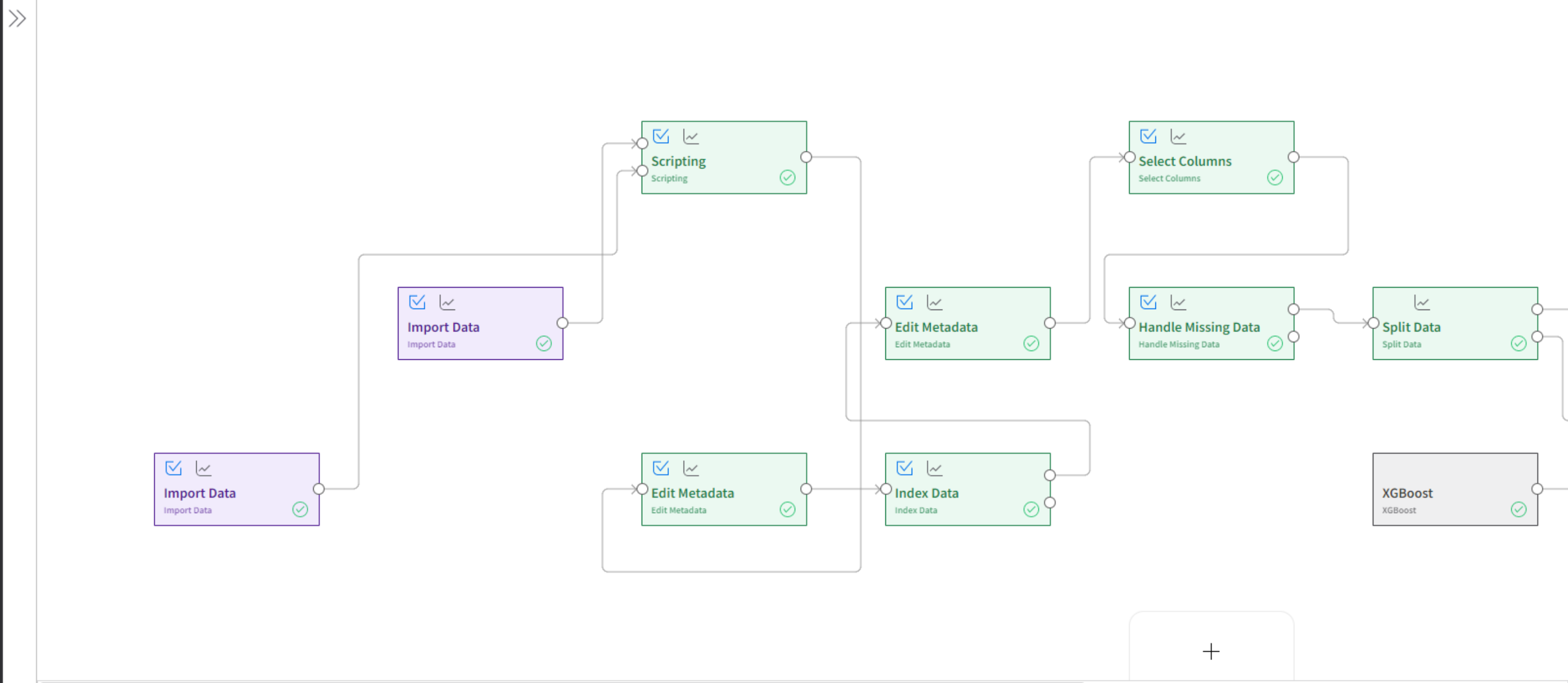
Quest: CO\_sample\_Demo

Training | Realtime Production

Training | Draft | Realtime Production | Finished | Endpoint | Active

← | 📄 | ↻ | 📌 | 📤 | 📂 | 🗑️ | ↶ | ↷ | 📄 | 📄 | 🗑️ | 📌 | 📌 | 🔍 | 📏 | 🔍 | 📏

Production Quest



Import Data | Prepare Data | Explore Data | Apply Algorithm | Train Model | Evaluate Model

# Product Recommendations

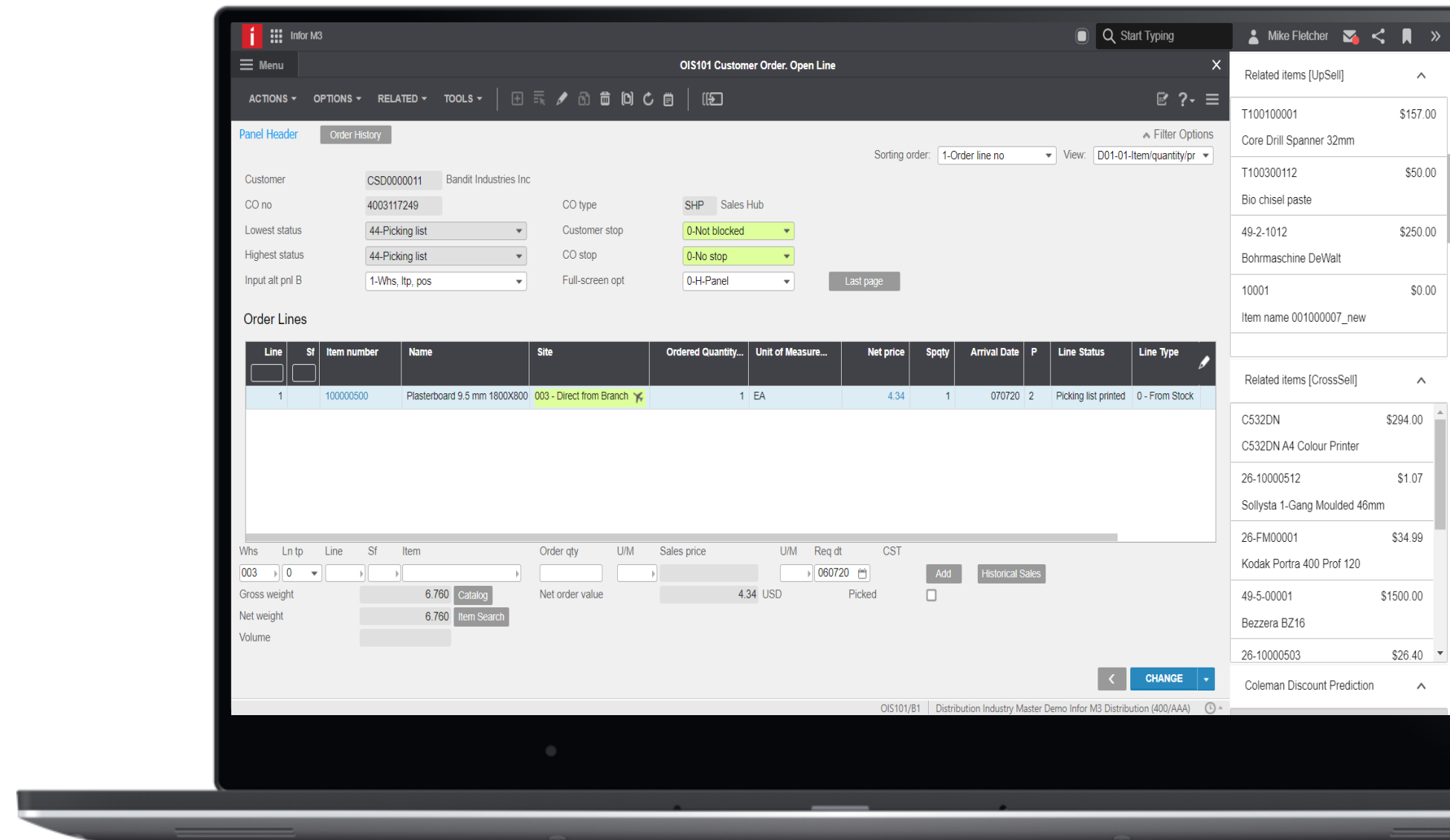
KB reference [2132011](#)

## Description

- Two Coleman Quests & In-context Apps to support Product Recommendations. The In-context widget is configurable to support a number of scenarios

## Benefit/Value to Customer

- Solution One
  - Use this quest and In-context widget to support “Product Up-Sell”. For this process; the item number already selected is reviewed and suitable up-sell products are displayed
- Solution Two
  - Use this quest and In-context widget to support “Product Cross-Sell”. For this process; the item number already selected, and the Customer ID are reviewed, and suitable cross-sell products are displayed; based on similar customer’s prior purchases





# Dagens ämnen

Inledning

Senaste nytt från fältet angående M3 Cloud

Höjdpunkter från Specialisthörnet

Vad händer mer i höst?

personalize vs. modify

work the way you live

build > execute

Profile Inform...

FnF  
407 M3 13.2 FNF-ION integratio...  
AAA Config (407/AAA)  
10.2.1.0.16  
BE 15.1.3 MCP1-1513-05

infor TORBJOO [logout] Grid EMD-Grid  
Infor ION Grid 11.1.13.0.40 Server time Mon Jun 01 10:05:00 CEST 2015

SOFTWARE UPDATE

My Daily Work - CC

My Menu

- My Purchase Orders
- Stopped Sales Orders
- Preliminary Customers
- Stopped EDI Orders
- Customer master
- Item Master
- MI Test

Sales Monitors

- Preliminary Customers 6
- Stopped Sales Orders 3
- Orders over \$750 7
- Delayed Sales Orders 10
- Sales Orders Rolling 7 Days 10

redhat LINUX stgreSQL



# Thank you

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