

Webinar: Tips og Triks – Innovation Tools i M3 Cloud Suite

Startar 10.00

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Tips&Trix

Inledning samt lite bra grejor från MAF konferensen runt Data Fabric

Mathias visar lite nya trix på vad man kan göra med IPS, Interactive Program Service

Joakim visar hur man kan automatisera processer med RPA

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
Stopped Sales Orders
Orders over \$750
Delayed Sales Orders
Sales Orders Rolling 7 Days
Workflow Activity Locator
Select a Task or ION Notification in the Tasks Widget to view the content here

redhat LINUX
PostgreSQL



MAIN SEGMENT



MILESTONES / M3 HISTORY

Strategic decision to be modify free ASAP!

- 1993 Start Movex ver 8.6 - approx. 50 modifications
- 2002 Upgrade Movex to V12.4 RPG
- 2005 Upgrade Movex to Java 12.4.3 SP14
- 2006 Pilot project M3 7.1 Tech, DAF
- 2008 Upgrade M3 to 7.1 Apps. LSO, OPTO
- 2010 Upgrade to 10.1 incl upgrade all related products. A3/ICS/DBT

Modify free!

- 2011 1/3 Go live 10.1.

Update BE with all corrections every 14 days

- 2012 Operator WMS in Citrix
- 2015 P2 M3 13.3 live 15 Oct
- 2016 Upgrade to 13.4, Finalize P2
- 2018 Infor OS

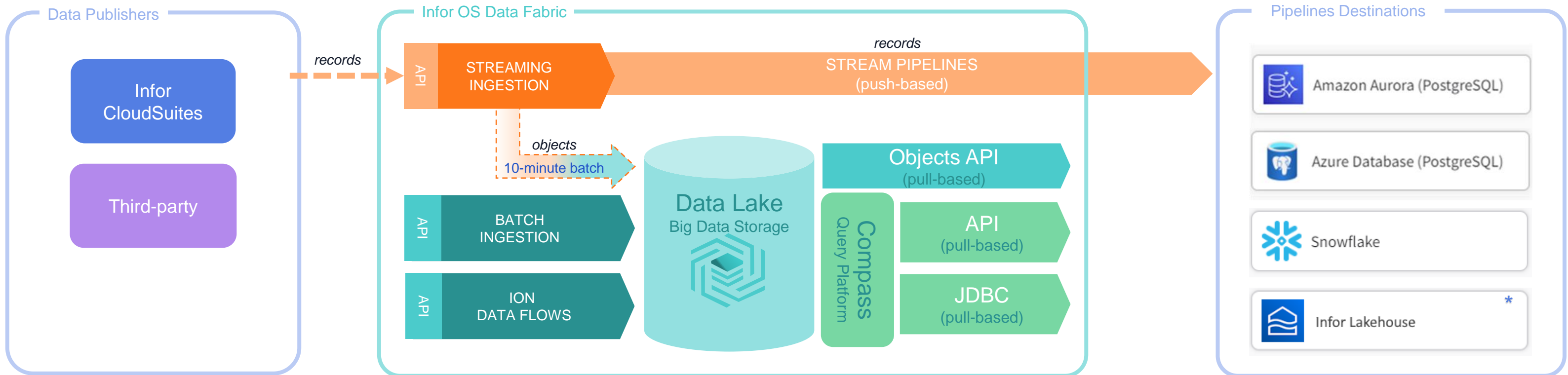
Move to M3CE

- 2019 Infor Factory Track mobility
- 2020 AOSCE and New Nordics
- 2021 Plan restructure M3 in the cloud move MUC legal on CMP to DIV
- 2022 Restructure M3 Ecophon AB from 3 Div -> 1, into new tenant
- 2023 Finalize restructure move DK,FR,PL and add NL legal units into the new tenant
- 2024 Pilot Stream pipelines to Snowflake, RPA, Experience designer

Workflow User setup, Supplier setup and RO for stock adjust approval

Data movement

Streaming data



* To be released

Compass Mode Configuration

Executive summary

Compass SQL architecture is enhanced to support a new query engine mode, called Analytical mode

What CloudSuite(s) does this apply to?	Product Line(s)	Business Impact	Technical Impact	Decision Persona/Role?	Where to find more information?
All	Infor OS	Major	Minor	Data Administrator	Release Report, Documentation

Solution overview

Problem

- Extended processing times for new large volumes in Data Lake, particularly in initial or partial load scenarios, and the need for workarounds to handle duplicate rows in Compass SQL may impact query performance.

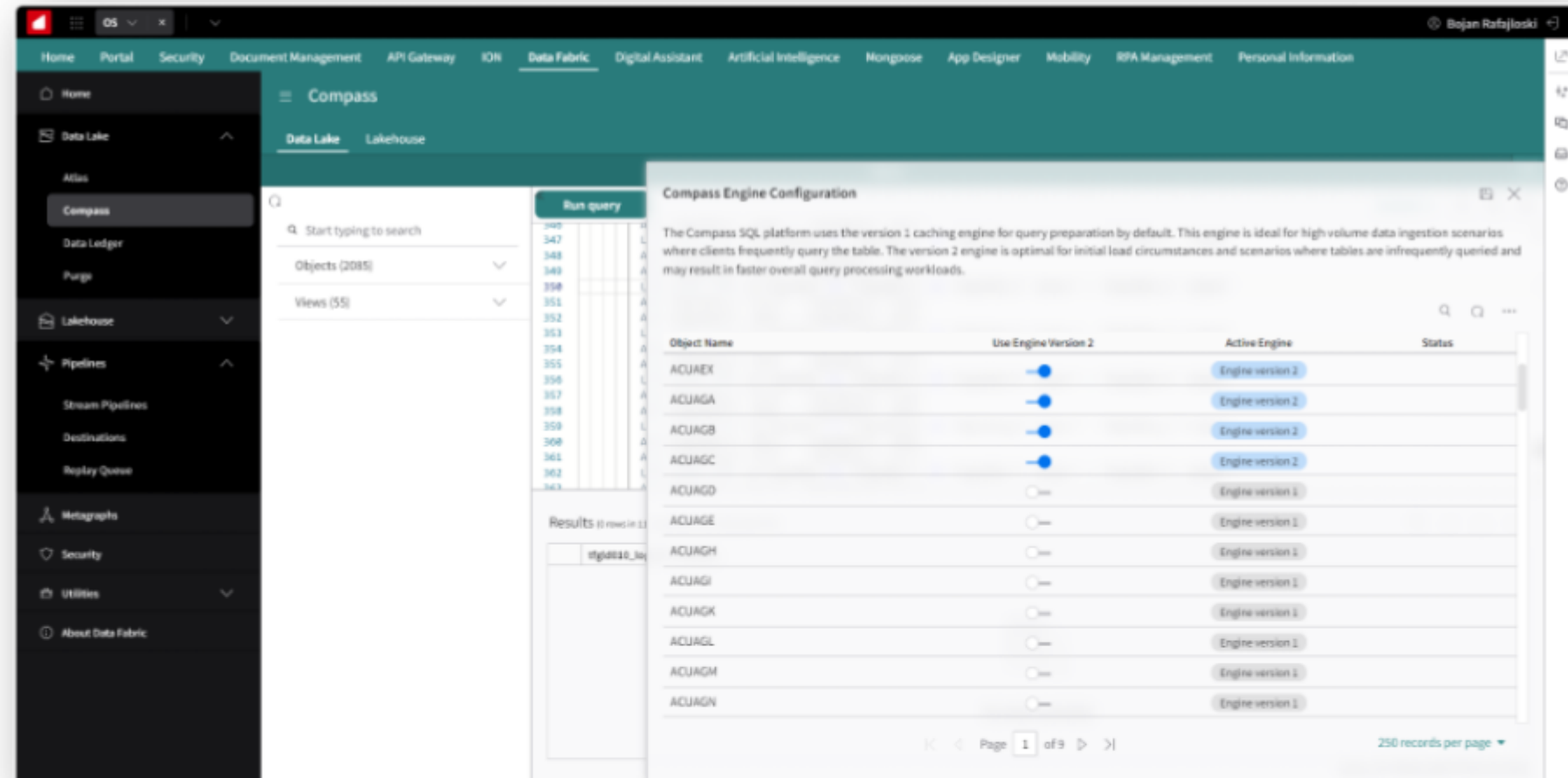
Solution

The Compass Query Editor now includes a Mode Configuration panel.

Users can seamlessly switch between the default Transactional mode and the advanced Analytical mode, allowing users to selectively migrate objects for tailored data querying.

Benefits

- Improved overall query performance on large infrequent query jobs that cover vast volumes of new data
- Accurate reflection of ERP data and de-duplication measures for greater accuracy & quality
- Eliminate customer-implemented workarounds that otherwise reduce query performance or incur additional Compass compute time



Stream Pipelines for Snowflake destinations

Executive summary

Stream Pipelines are enhanced to support native connectivity with Snowflake for virtually the fastest CloudSuite delivery model experience

What CloudSuite(s) does this apply to?	Product Line(s)	Business Impact	Technical Impact	Decision Persona/Role?	Where to find more information?
All	Infor OS	Minor	Minor	Data Administrator IT Administrator	Release Report , Documentation

Solution overview

Problem

Lack of real-time capabilities in Infor for sending data to Snowflake.

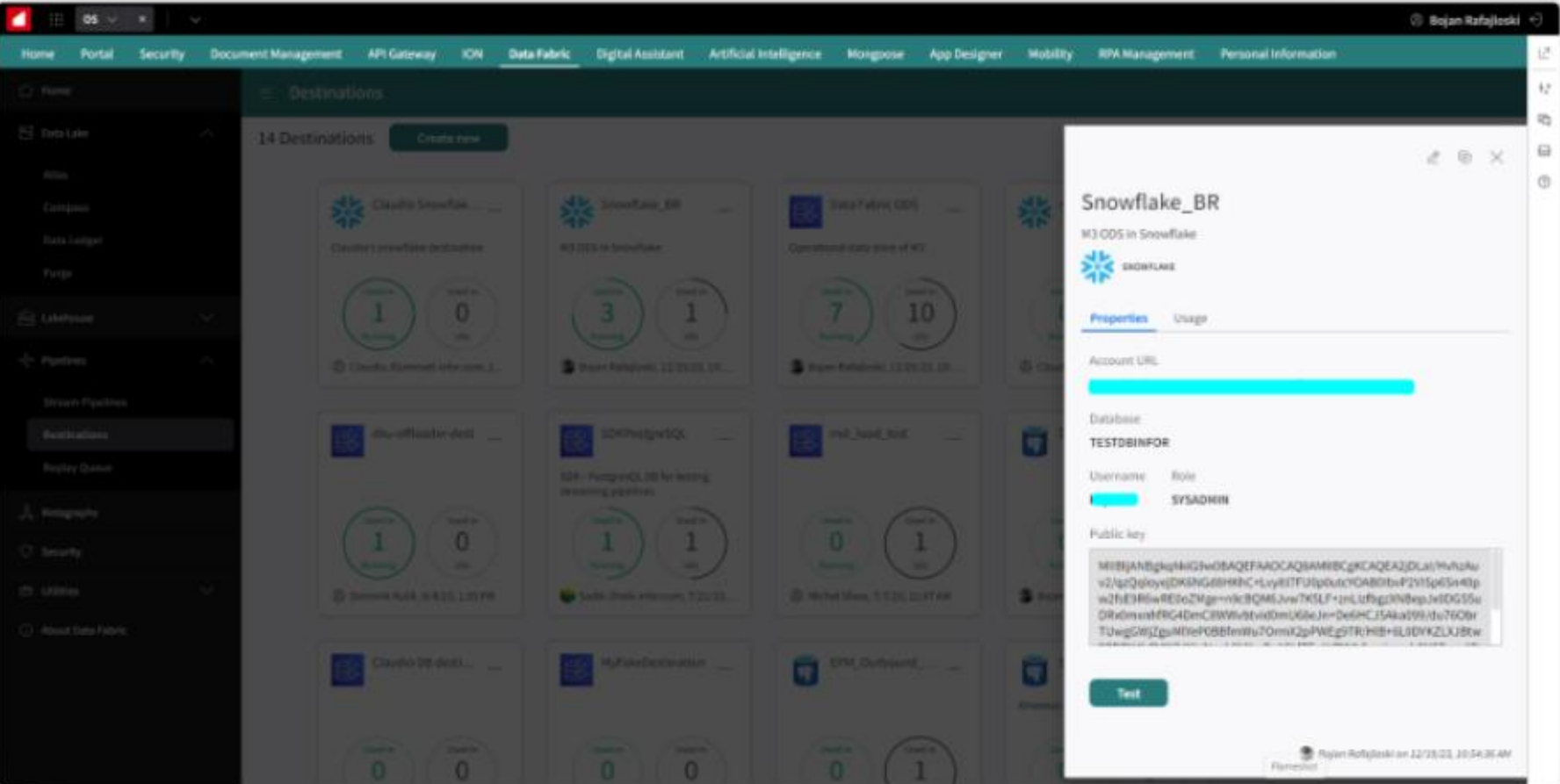
Solution

Stream Pipelines users now have the capability to create destinations based on Snowflake.

This allows pipelines to stream data directly into Snowflake tables, utilizing latest Snowflake Streaming API.

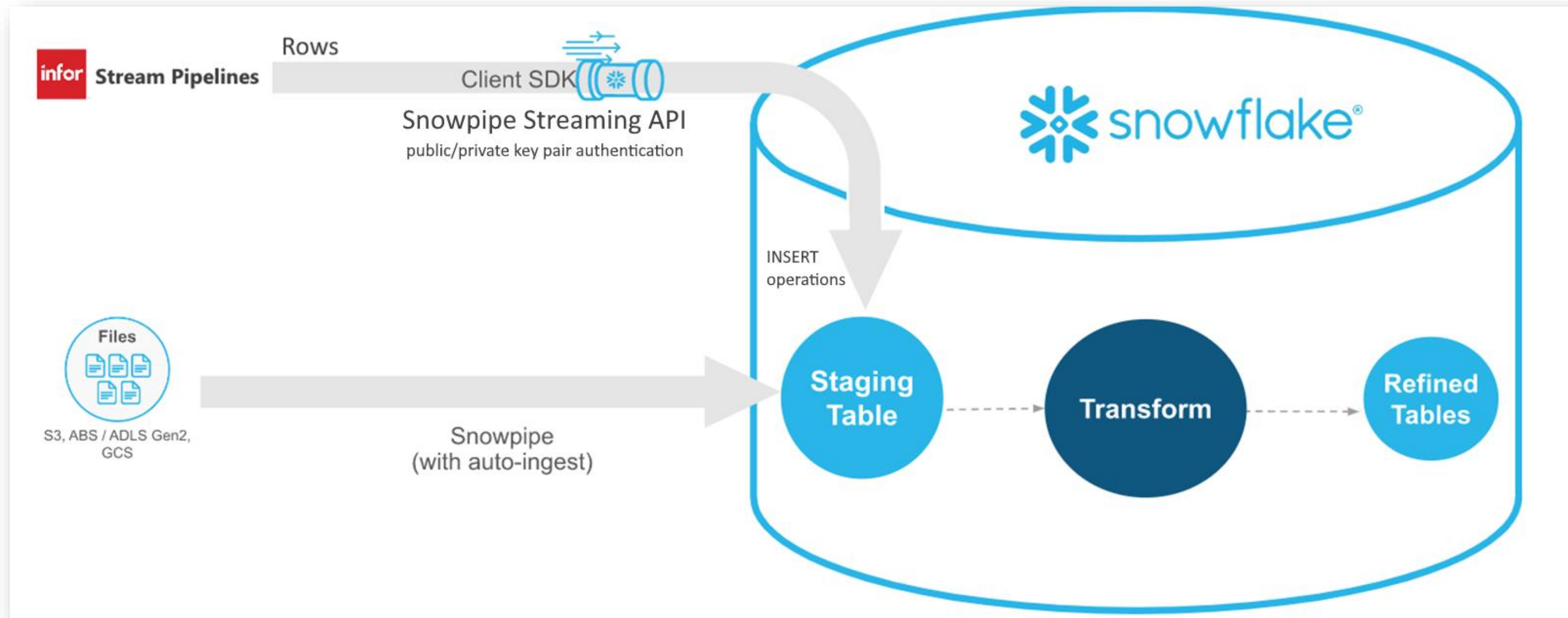
Benefits

- Infor and Snowflake deliver an end-to-end real-time service model to satisfy business needs without making users wait



Operational Warehousing

Snowflake Destination



STREAM PIPELINES IN M3

- Home
- Portal
- Security
- Document Management
- API Gateway
- ION
- Data Fabric**
- Mongoose
- App Designer
- Mobility
- RPA Management
- Personal Info

- Home
- Data Lake
- Pipelines
 - Stream Pipelines
 - Destinations
 - Replay Queue
- Metagraphs
- Security
- Utilities
- About Data Fabric

Stream Pipelines
Create new

M3_MITMAS ...

Item Master

Stream Running

Initial Load Completed

Replay queue ...

Magnus Wittander, 2024-04-11 ...

M3_CCURRA ...

Currency

Stream Running

Initial Load Completed

Replay queue ...

Magnus Wittander, 2024-04-10 ...

M3_CSYTAB ...

System Table

Stream Running

Initial Load Completed

Replay queue ...

Magnus Wittander, 2024-04-10 ...

M3_OOTYPE ...

Stream Running

Initial Load Completed

Replay queue ...

Magnus Wittander, 2024-04-10 ...

M3_OCUSMA ...

Stream Running

Initial Load Completed

Replay queue ...

Magnus Wittander, 2024-04-10 ...

M3_OSBSTD ...

Stream Running

Initial Load Completed

Replay queue ...

Magnus Wittander, 2024-04-09 ...

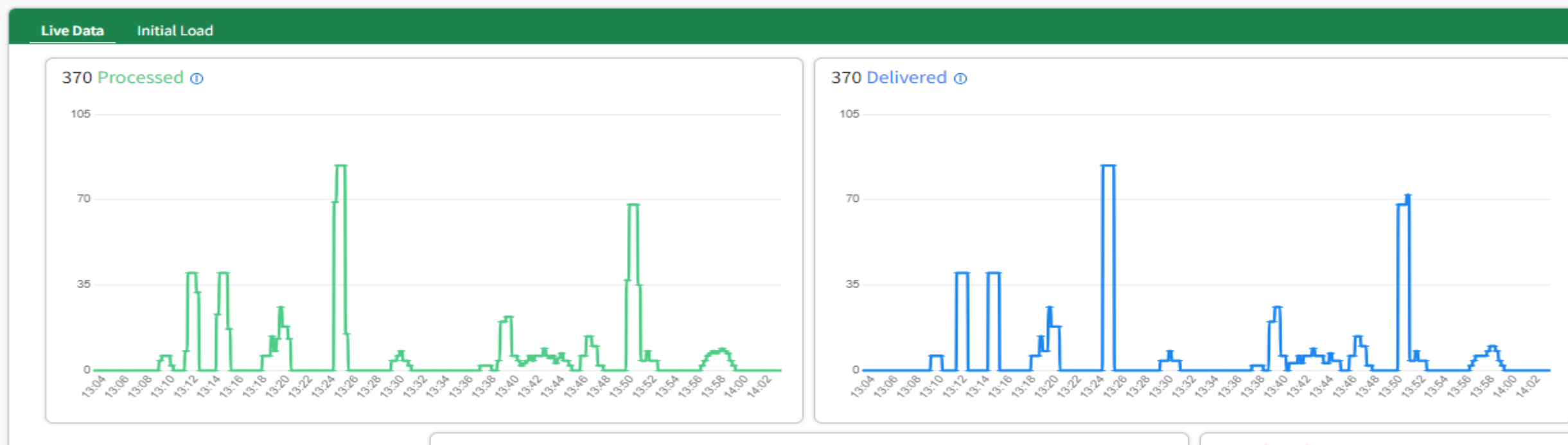
M3_OSBSTD

Stream Pipeline

Model Overview

```

graph LR
    OSBSTD[OSBSTD] --> M3_OSBSTD[M3_OSBSTD]
            
```



METAGRAPHS

Home Portal Security Document Management API Gateway ION **Data Fabric** Mongoose App Designer Mobility

Home Data Lake Pipelines **Metagraphs** Security Utilities About Data Fabric

Metagraphs

11 Metagraphs [Create new](#)

Report generator ...

Magnus Wittander, 2024-05-16 ...

NH Item structure ...

Magnus Wittander, 2024-05-15 ...

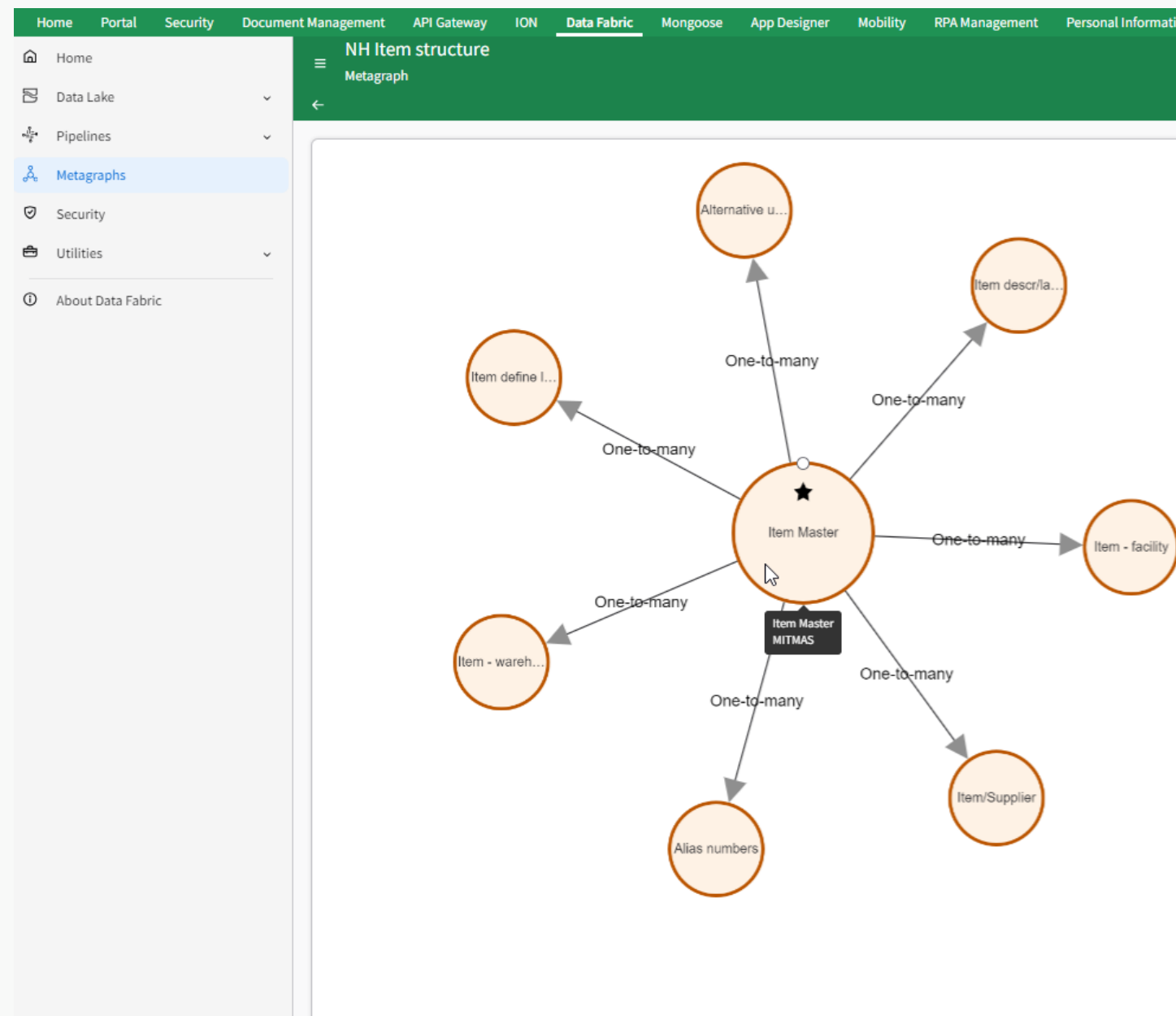
Cost accounting ...

Magnus Wittander, 2024-05-15 ...

NH Company Structure ...

Metagraph showing each warehouse connected to a facility, division and company

Magnus Wittander, 2024-05-15 ...



- Home
- Data Lake
- Atlas
- Compass
- Data Ledger
- Purge
- Pipelines
- Metagraphs
- Security
- Utilities
- About Data Fabric

Compass

mitmas

Objects (2)

- + JSON FAT_MITMAS
- JSON MITMAS
 - 123 CONO
 - abc STAT
 - abc ITNO
 - abc ITDS
 - abc FUDS
 - abc DWNO
 - abc RESP
 - 123 DCCD
 - abc UNMS
 - abc ITGR
 - abc ITCL
 - abc BUAR
 - abc EVGR
 - abc ITTY
 - 123 TPCD
 - 123 MABU
 - 123 CHCD

Mode Configuration

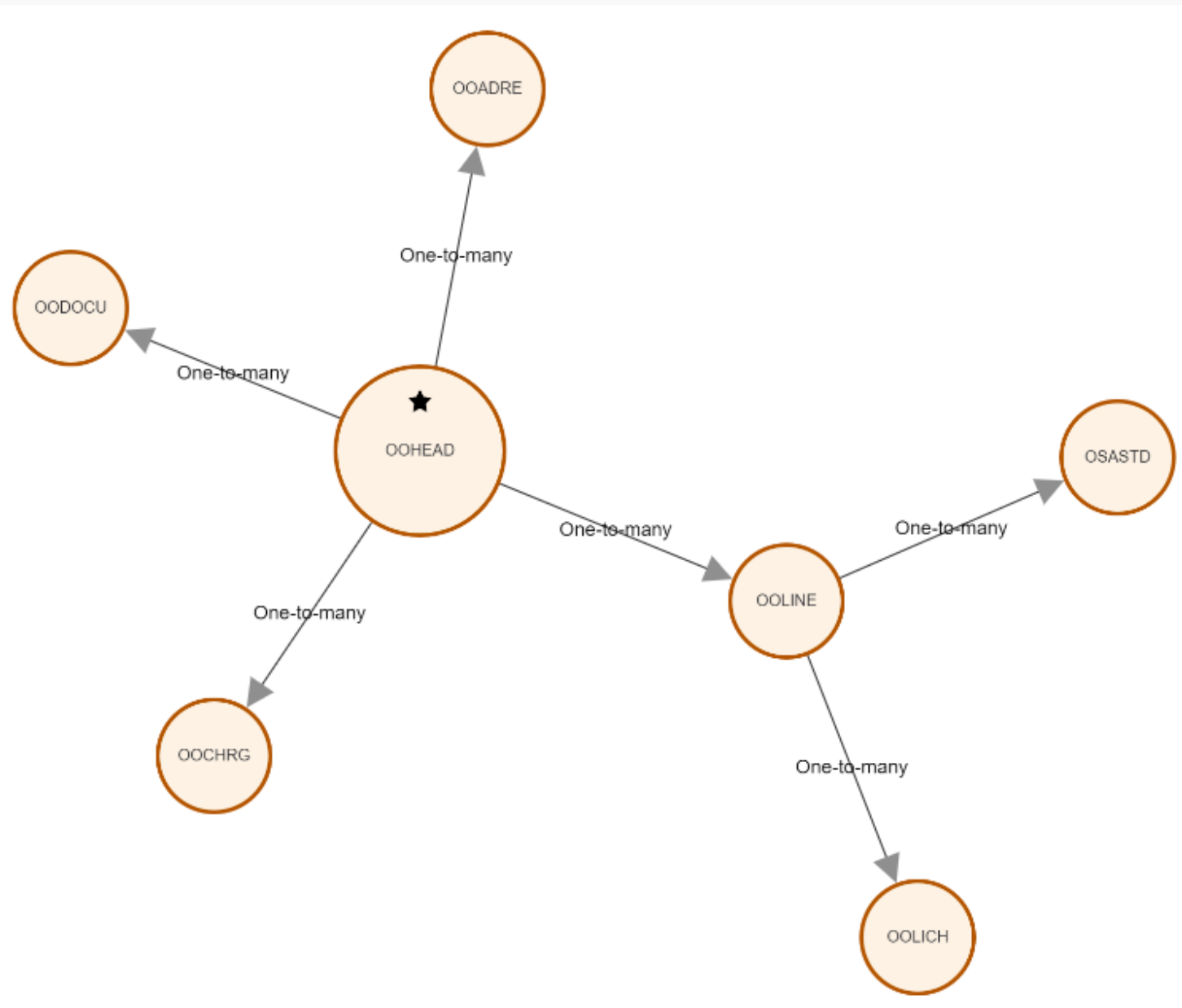
The Mode Configuration panel allows users to begin using Analytical Mode. Users can use the Configuration panel to migrate data objects from using Transactional Mode to Analytical Mode. Analytical Mode is optimal for initial load circumstances and scenarios where tables are infrequently queried and may result in faster overall query processing workloads. See the "Mode Configuration" section in the Data Fabric User Guide for more details.

mitmas

Object Name	Use Analytical Mode	Active Mode	Status
FAT_MITMAS	<input type="checkbox"/>	Transactional	
MITMAS	<input type="checkbox"/>	Transactional	

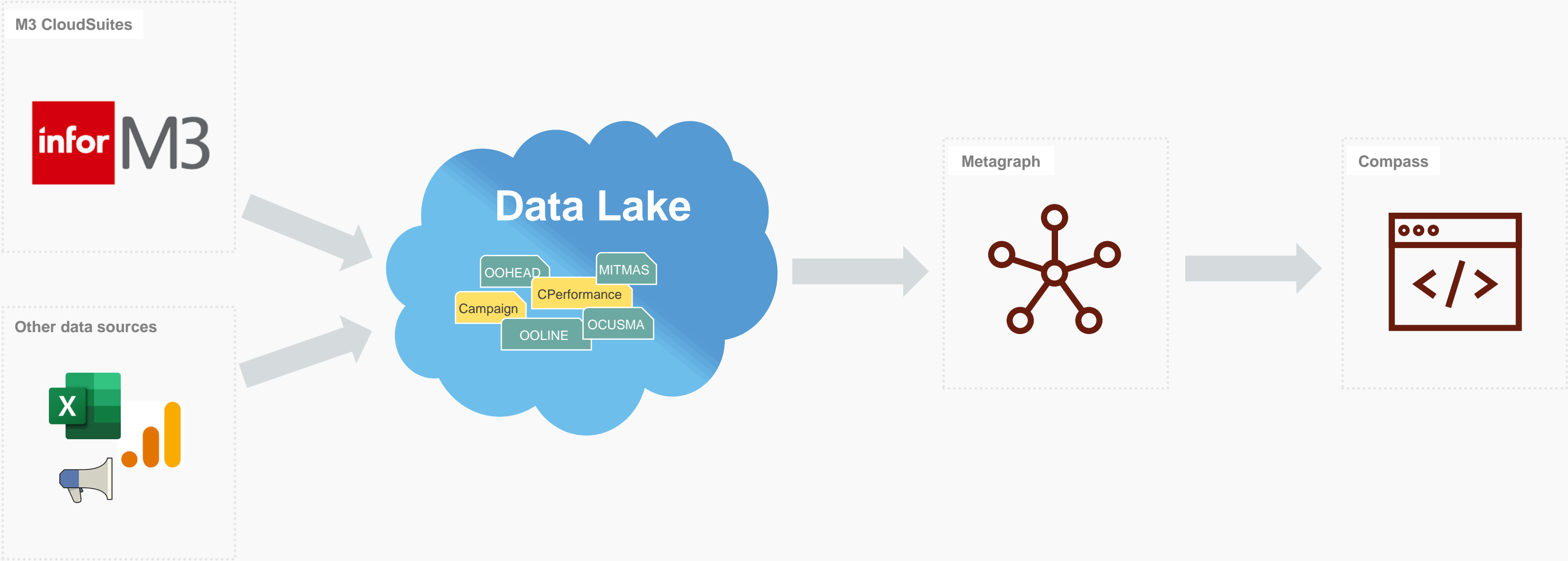
Page 1 of 1 25 records per page

EXAMPLE – CUSTOMER ORDERS



```
1 SELECT
2   "OOADRE"."ADID",
3   "OOADRE"."ADRT",
4   "ODOCU"."DOVA",
5   "ODOCU"."DONR",
6   "OOHEAD"."CONO",
7   "OOHEAD"."ORNO",
8   "OOHEAD"."CUNO",
9   "OOLINE"."PONR",
10  "OOLINE"."ITNO",
11  "OOLINE"."ITDS",
12  "OOLICH"."CRID",
13  "OSASTD"."OSSQ",
14  "OOCHRG"."CRID"
15 FROM
16  "OOHEAD"
17  LEFT OUTER JOIN "ODOCU" ON "OOHEAD"."ORNO" = "ODOCU"."ORNO"
18  AND "OOHEAD"."CONO" = "ODOCU"."CONO"
19  LEFT OUTER JOIN "OOCHRG" ON "OOHEAD"."CONO" = "OOCHRG"."CONO"
20  AND "OOHEAD"."ORNO" = "OOCHRG"."ORNO"
21  LEFT OUTER JOIN "OOLINE" ON "OOHEAD"."CONO" = "OOLINE"."CONO"
22  AND "OOHEAD"."ORNO" = "OOLINE"."ORNO"
23  LEFT OUTER JOIN "OOADRE" ON "OOHEAD"."ORNO" = "OOADRE"."ORNO"
24  AND "OOHEAD"."CONO" = "OOADRE"."CONO"
25  LEFT OUTER JOIN "OOLICH" ON "OOLINE"."POSX" = "OOLICH"."POSX"
26  AND "OOLINE"."ORNO" = "OOLICH"."ORNO"
27  AND "OOLINE"."PONR" = "OOLICH"."PONR"
28  AND "OOLINE"."CONO" = "OOLICH"."CONO"
29  LEFT OUTER JOIN "OSASTD" ON "OOLINE"."POSX" = "OSASTD"."POSX"
30  AND "OOLINE"."CONO" = "OSASTD"."CONO"
31  AND "OOLINE"."ORNO" = "OSASTD"."ORNO"
32  AND "OOLINE"."PONR" = "OSASTD"."PONR"
```


EXAMPLE – MARKETING CAMPAIGN ANALYSIS



UPLOAD DATA FROM EXCEL TO DATALAKE

Enter logical ID and from which form to upload data

Click submit and a new sheet will be created with a log of all uploads/imports using the plug in

Click submit and a new sheet will be created with a log of all uploads/imports using the plug in

If the upload was successful, the data is now available in DL and you should be able to see the data in Atlas and compass

Atlas

2015-9ae417e3-0078-3589-95df-c158baf13b3f

Content	Properties
1	{"Email_ID": "2001", "Send_Date": "20240501", "Campaign_Name": "Spring Sale"}
2	{"Email_ID": "2002", "Send_Date": "20240502", "Campaign_Name": "Summer Deals"}
3	{"Email_ID": "2003", "Send_Date": "20240503", "Campaign_Name": "Tech Trends"}
4	{"Email_ID": "2004", "Send_Date": "20240504", "Campaign_Name": "Home Essentials"}
5	{"Email_ID": "2005", "Send_Date": "20240505", "Campaign_Name": "Fashion Fiesta"}
6	{"Email_ID": "2006", "Send_Date": "20240506", "Campaign_Name": "Gadget Extrava"}
7	{"Email_ID": "2007", "Send_Date": "20240507", "Campaign_Name": "Summer Wardr"}
8	{"Email_ID": "2008", "Send_Date": "20240508", "Campaign_Name": "Kitchen Magic"}
9	{"Email_ID": "2009", "Send_Date": "20240509", "Campaign_Name": "Tech Update"}
10	{"Email_ID": "2010", "Send_Date": "20240510", "Campaign_Name": "Winter Collec"}
11	{"Email_ID": "2011", "Send_Date": "20240511", "Campaign_Name": "Home Makeover"}
12	{"Email_ID": "2012", "Send_Date": "20240512", "Campaign_Name": "Mobile Mania"}
13	{"Email_ID": "2013", "Send_Date": "20240513", "Campaign_Name": "Spring Styles"}
14	{"Email_ID": "2014", "Send_Date": "20240514", "Campaign_Name": "Home Comforts"}
15	{"Email_ID": "2015", "Send_Date": "20240515", "Campaign_Name": "Summer Tech"}
16	{"Email_ID": "2016", "Send_Date": "20240516", "Campaign_Name": "Fashion Forwa"}
17	{"Email_ID": "2017", "Send_Date": "20240517", "Campaign_Name": "Cozy Living"}
18	{"Email_ID": "2018", "Send_Date": "20240518", "Campaign_Name": "Gadget Bonanz"}
19	{"Email_ID": "2019", "Send_Date": "20240519", "Campaign_Name": "Apparel Extr"}
20	{"Email_ID": "2020", "Send_Date": "20240520", "Campaign_Name": "Home Essenti"}
21	{"Email_ID": "2021", "Send_Date": "20240521", "Campaign_Name": "Mobile Mayhem"}
22	{"Email_ID": "2022", "Send_Date": "20240522", "Campaign_Name": "Spring Wardr"}
23	{"Email_ID": "2023", "Send_Date": "20240523", "Campaign_Name": "Kitchen Must"}
24	{"Email_ID": "2024", "Send_Date": "20240524", "Campaign_Name": "Tech Savvy De"}
25	{"Email_ID": "2025", "Send_Date": "20240525", "Campaign_Name": "Summer Fashio"}
26	{"Email_ID": "2026", "Send_Date": "20240526", "Campaign_Name": "Home Enhancem"}
27	{"Email_ID": "2027", "Send_Date": "20240527", "Campaign_Name": "Electronics B"}
28	{"Email_ID": "2028", "Send_Date": "20240528", "Campaign_Name": "Apparel Showc"}
29	{"Email_ID": "2029", "Send_Date": "20240529", "Campaign_Name": "Home Improvem"}
30	{"Email_ID": "2030", "Send_Date": "20240530", "Campaign_Name": "Gadget Glitz"}

Tips&Trix

Inledning samt lite bra grejor från MAF konferensen runt Data Fabric

Mathias visar lite nya trix på vad man kan göra med IPS, Interactive Program Service

Joakim visar hur man kan automatisera processer med RPA

The collage features several screenshots and overlays:

- ION Grid Admin Homepage:** Shows a dashboard with sections for 'What's New', 'Announcements', 'ION API Performance', 'ION API Traffic', 'ION API Errors', and 'Purchase Requisition'. It includes various charts and data tables.
- Profile Information:** A sidebar showing user details: 'FnF', '407 M3 13.2 FNF-ION integratio...', 'AAA Config (407/AAA)', '10.2.1.0.16', and 'BE 15.1.3 MCP1-1513-05'.
- Navigation Menu:** Includes 'Event driven Statistics', 'Customer & Partner Tables', 'New List Panel Standard', and '1300+ Bookmarks'.
- Header:** '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:** A graphic with the text 'SOFTWARE UPDATE' and a cloud icon.
- My Daily Work - CC:** A screenshot of a task list with items like 'My Purchase Orders', 'Stopped Sales Orders', 'Preliminary Customers', 'Stopped EDI Orders', 'Customer master', 'Item Master', and 'MI Test'.
- Right-side Graphics:** Includes a chalkboard with 'personalize vs. modify' and 'build > execute', a 'Mongoose' logo, and logos for 'redhat LINUX' and 'PostgreSQL'.