

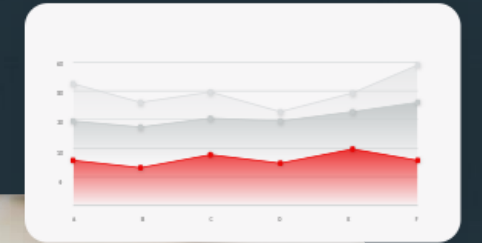


Den store teknikdagen 2025

# Infor OS – Data Fabric

**Joakim Mattsson**  
Infor Solution Consulting

2025.02



TECHNOLOGY



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# Purpose-built solutions

Infor CloudSuite Food & Beverage

## Industry-specific applications

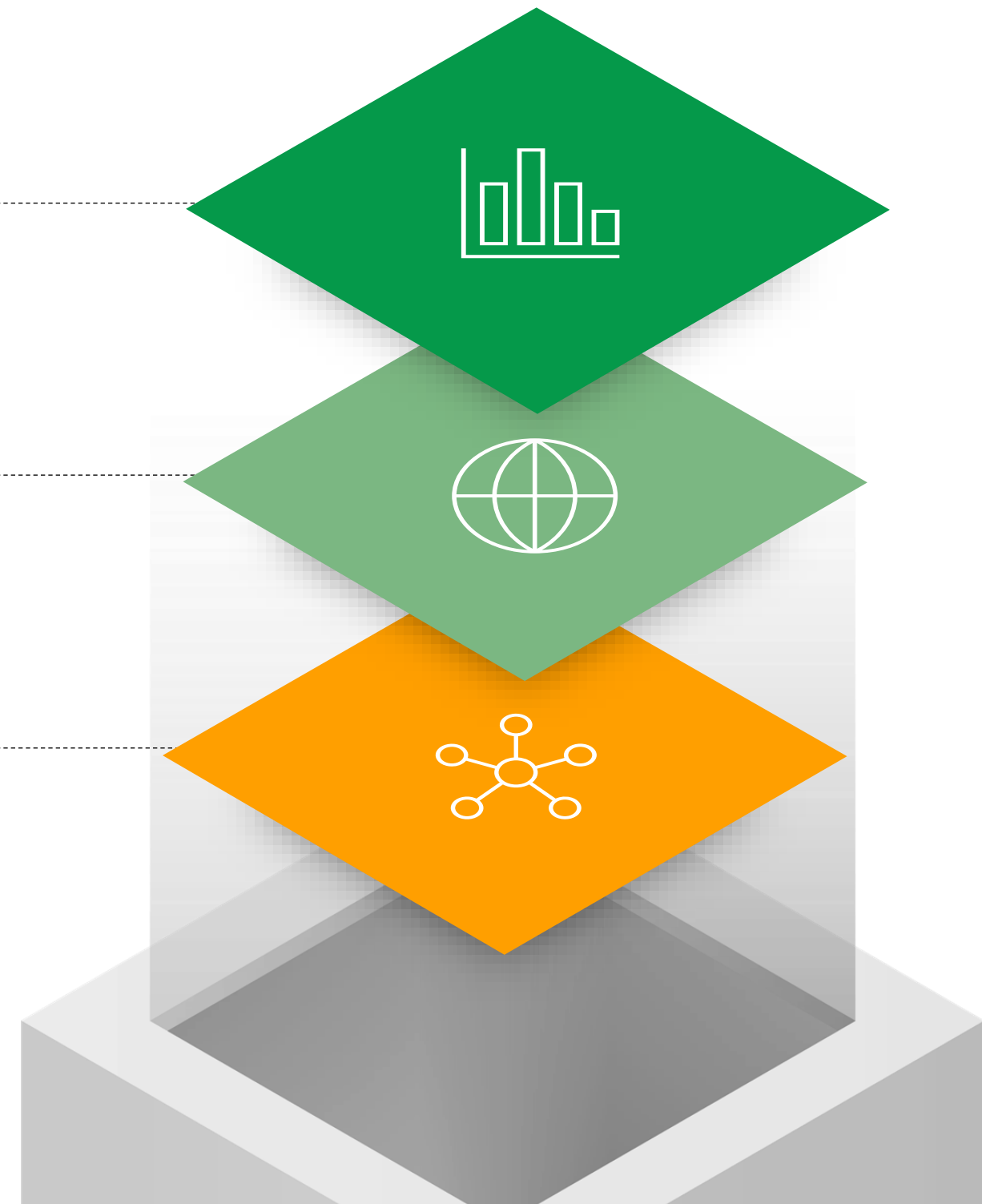
- Fully integrated core ERP suite
- Supporting edge applications i.e. PLM, WMS, CPQ, HCM etc
- Consumer-grade user experience

## Digital business platform

- Integration and interoperability
- Common data fabric
- Visualization of data and insights
- Business process automation
- Extensibility for new applications

## Multi-tenant cloud infrastructure

- Partnership with AWS global network
- Resilient and scalable architecture
- Secure and compliant protection
- Evergreen innovation and improvement

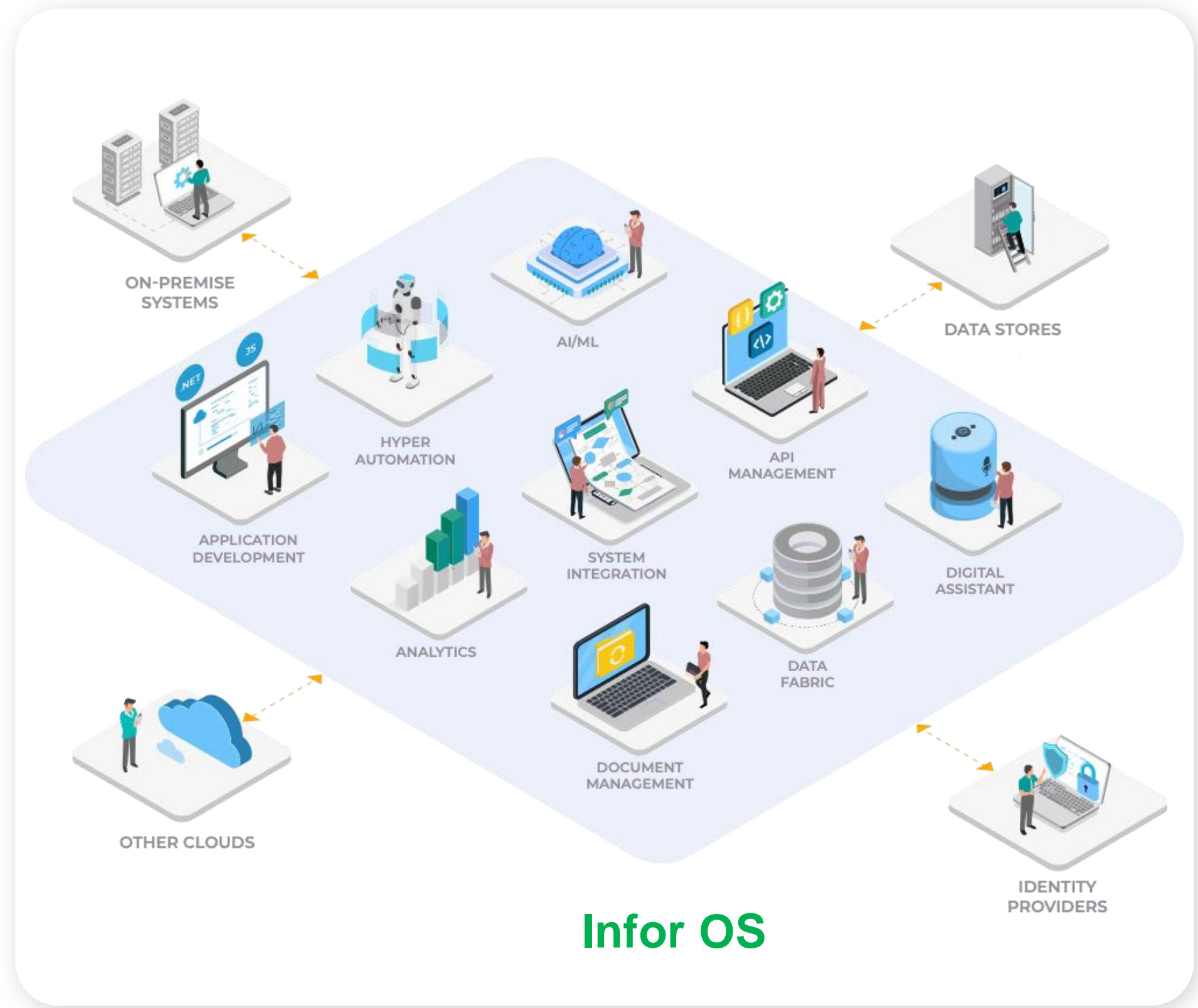


# Infor OS

Included in every CloudSuite

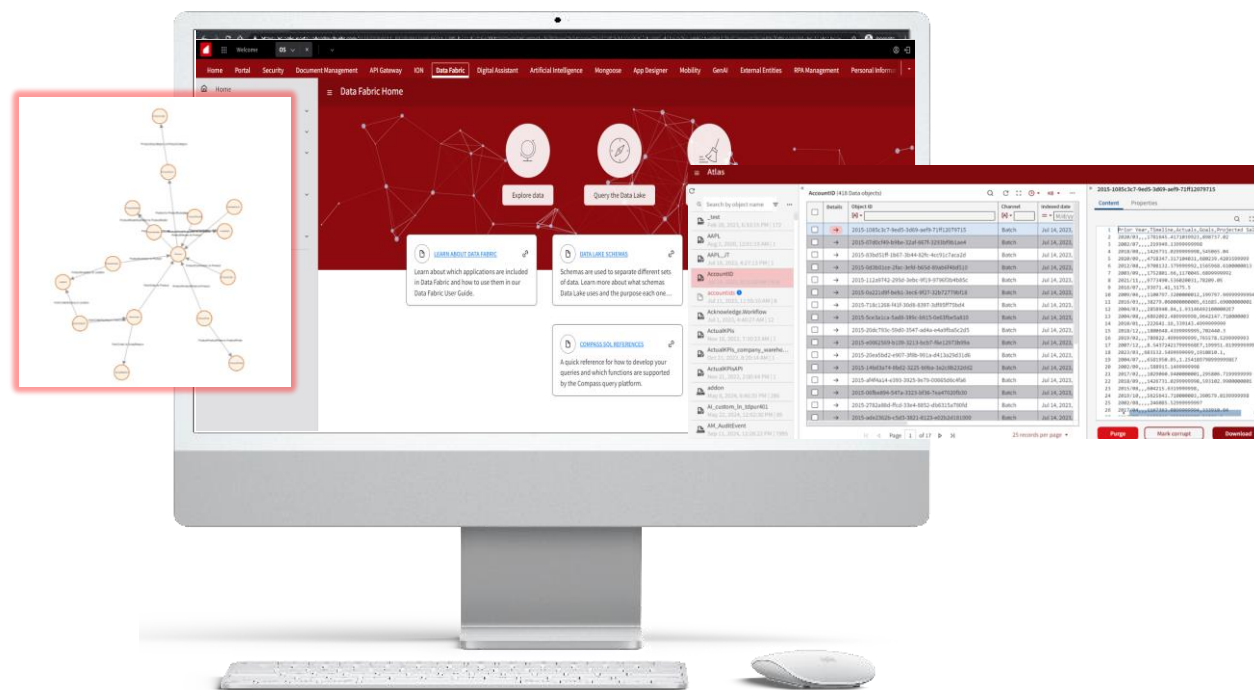


- Single Vendor
- Evergreen solutions
- Reduced Skillset requirements
- Built by Infor using AWS services
- Single Security Model
- Common user experience
- An open architecture

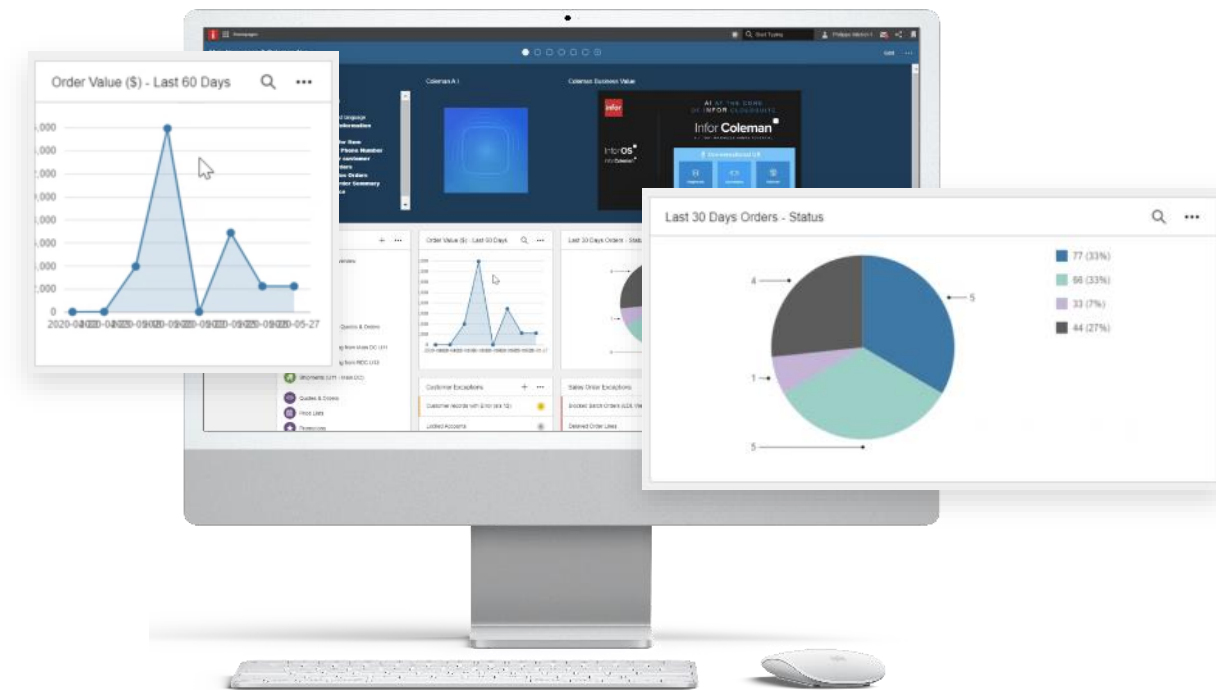


# Data (+) Intelligence

Data Platform



Intelligence



Data Ingestion

Data Catalog

Data Lake

Data Security

Data (Stream) Pipelines

Metagraph

Compass Query

Data Management

Insights

Dashboards

Analytics Widgets

Artificial Intelligence


Content

Reports

Intelligent Workspaces

Process Intelligence

**My Day**  
Thursday, March 23, 2024

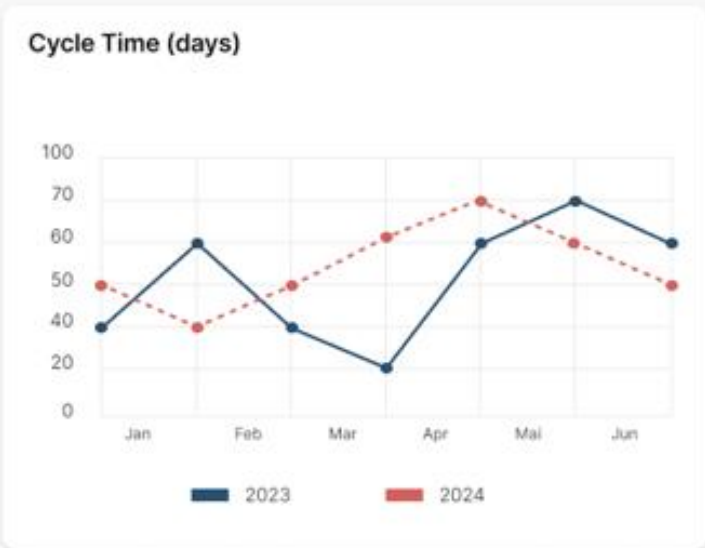


**Good morning, John.**  
Here is the latest insights digest customized for you.

**Employee of 2024- time for nominations!**  
It's that time of the year. Take a few minutes of your time to nominate a colleague for this award.



[Get the details >](#)



**Inbox 200**

Search

**Today**

- Open Enrollment is here! Visit the Benefits Enrollment site for mor... 5:32 PM
- PDF Report 1241 ready to view 5:05 PM
- Review Nick Sim's Timesheet. 4:47 PM
- Review Discount for Order 1235 **Due 3 days ago** 4:10 PM
- Requisition 1665 from Paul French of 1,000.00 USD **Due in 5 days** 3:15 PM
- PTO has been approved 2:20 PM

**On Your Radar**  
For the week of May 17 - 23

- 15** Requests missing information
- 21** Purchase order confirmations
- 14** Orders past due
- 27** Purchase order mismatches

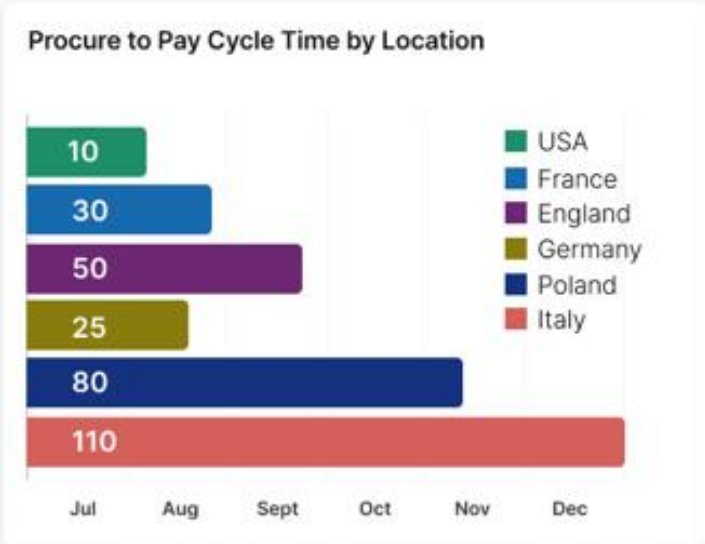
**5 Request lines are missing item information**  
1041 - Masrani Corp., WH28 - Main warehouse  
Requestor: Bob Smith [Update](#)

**1 Request line is missing price information**  
1041 - Masrani Corp., WH28 - Main warehouse  
Requestor: Bob Smith [Update](#)

**9 Request lines are missing supplier information**  
1041 - Masrani Corp., WH28 - Main warehouse  
Requestor: Bob Smith [Approve](#)

**Processes** [See what they're doing right](#)

Due to improved execution of their business process **USA location** has **shorter cycle time** compared to other locations.



**Order Status Healthy**

**Upcoming Orders**  
Next 2 weeks

Date	Exceptions	Review
Mon, Apr 17	5/250	<a href="#">Review</a>
Tue, Apr 18	34/465	<a href="#">Review</a>
Wed, Apr 19	31/25	<a href="#">Review</a>

**On time delivery** this week is **low** with **98%** on track this week vs next.

Report generated by Coleman AI

- +4.5%** Requests Missing Info
- On track** 98% Purchase Orders Fulfilled
- HIGH** 8 Past due orders

**Unapproved Purchase Orders**

**Late Receipts**

[Analytics Dashboard \(Birst\)](#)

# AI, BI & PI: Connected intelligence

**Process Mining**

My Workspace

**My Day**  
Thursday, March 23, 2024

**Good morning, John.**  
Here is the latest insights digest customized for you.

**Employee of 2024- time for nominations!**  
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**Cycle Time (days)**

**Order Status Healthy**

**On time delivery** this week is **low** with **98%** on track this week vs next.

Date	Exceptions	Review
Mon, Apr 17	5/250	
Tue, Apr 18	34/465	
Wed, Apr 19	21/35	
Thu, Apr 20	3/21	
Fri, Apr 21	132/238	
Sat, Apr 22	212/332	
Sun, Apr 23	15/28	

**Inbox** 200

Search

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**AI**

+10%

**\$10K**

Budget VS ACTUAL

10%

**\$100K**

Estimate VS ACTUAL

\$500K

Costs COMMITTED

**Analytics**

# AI, BI & PI: Connected intelligence

**Process Mining**

**AI**

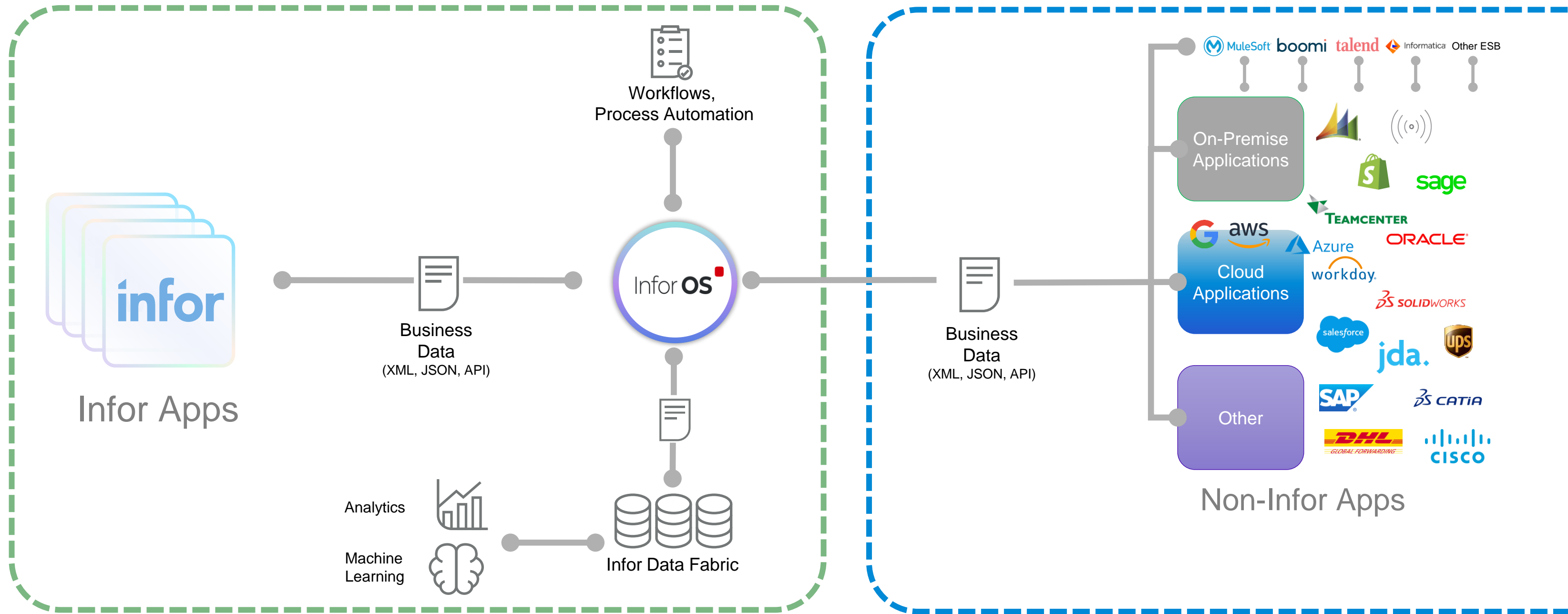
**Analytics**

**Enterprise Automation & Data Layer**

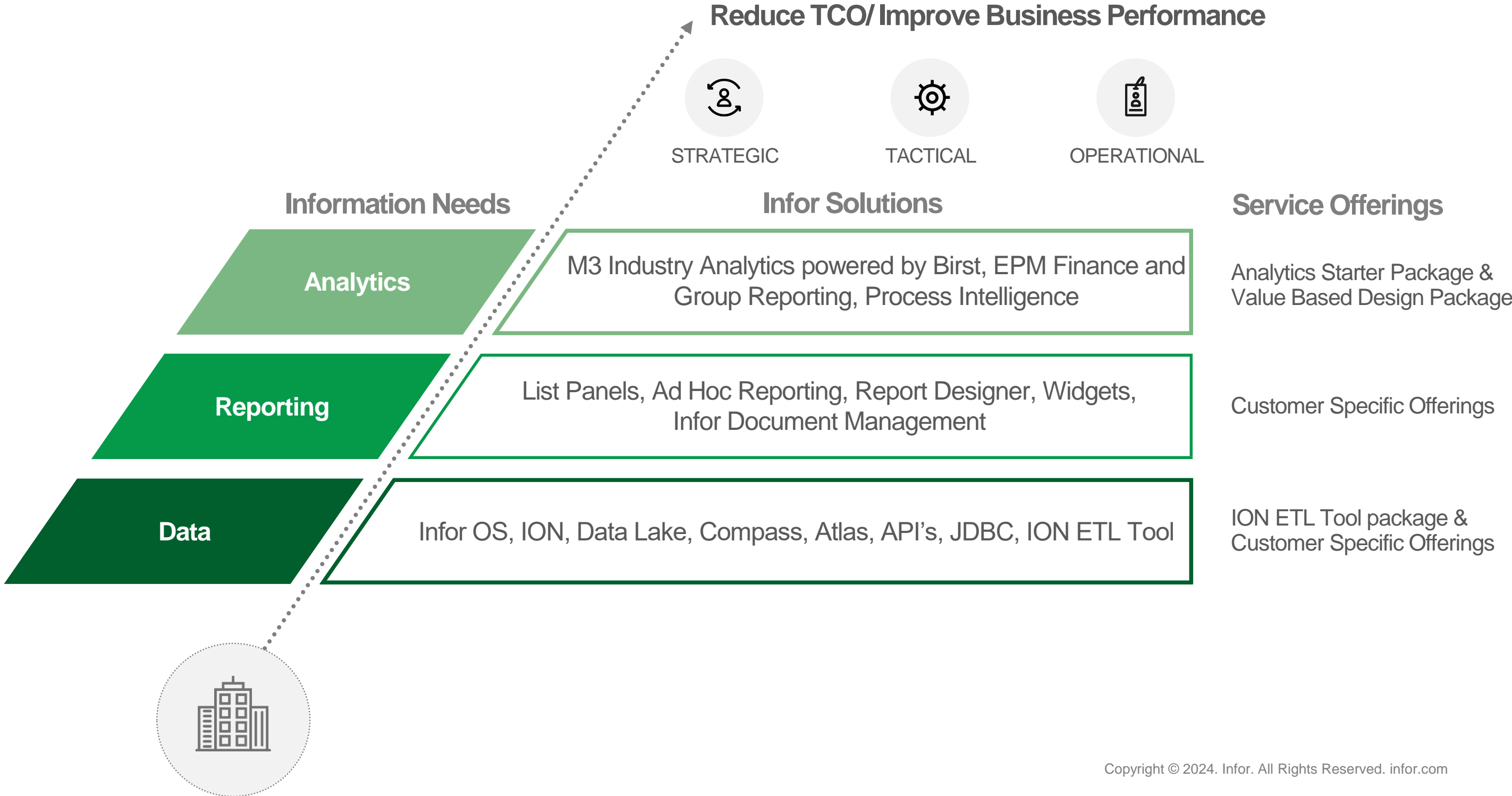


# Data Management

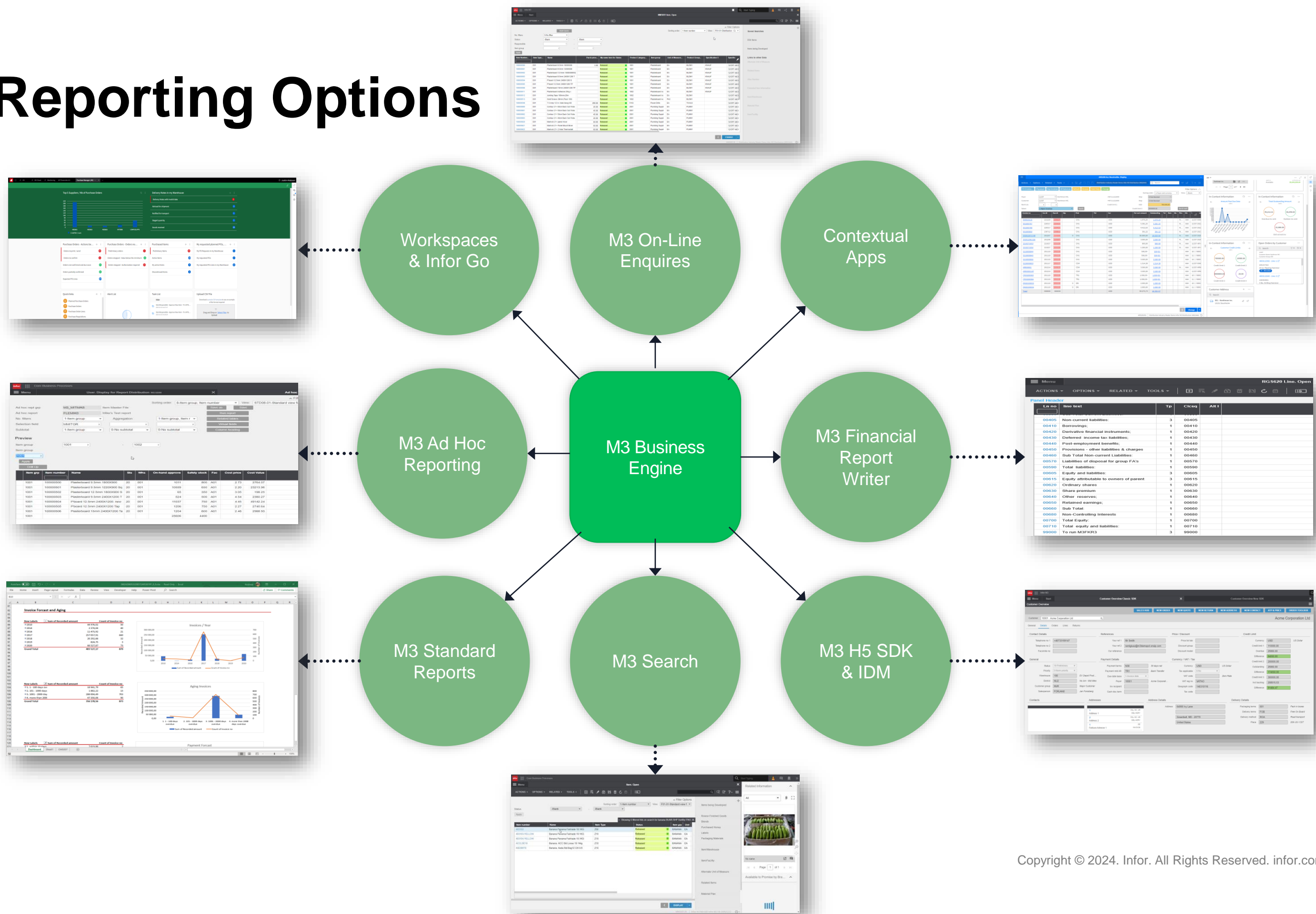
# Integration architecture



# M3 CloudSuite Data Management



# M3 Reporting Options



# M3 Analytics – Out of the Box Content

## Finance

- Key Ratio, Income Statement Balance Sheet
- General Ledger
- Stock Valuation
- Operational Metrics AP
- Accounts Receivable

## Sales

- Sales Orders
- Sales Analytics
- Delivery Performance

## Procurement

- Purchase Analytics
- Purchase Orders

## Production

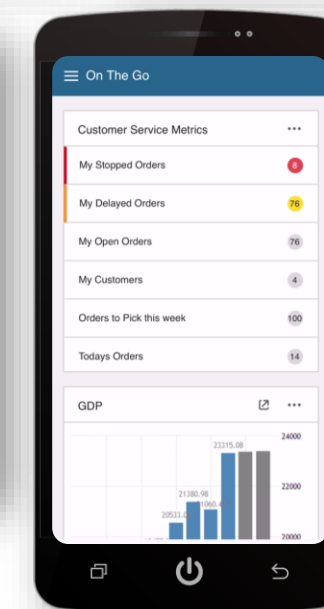
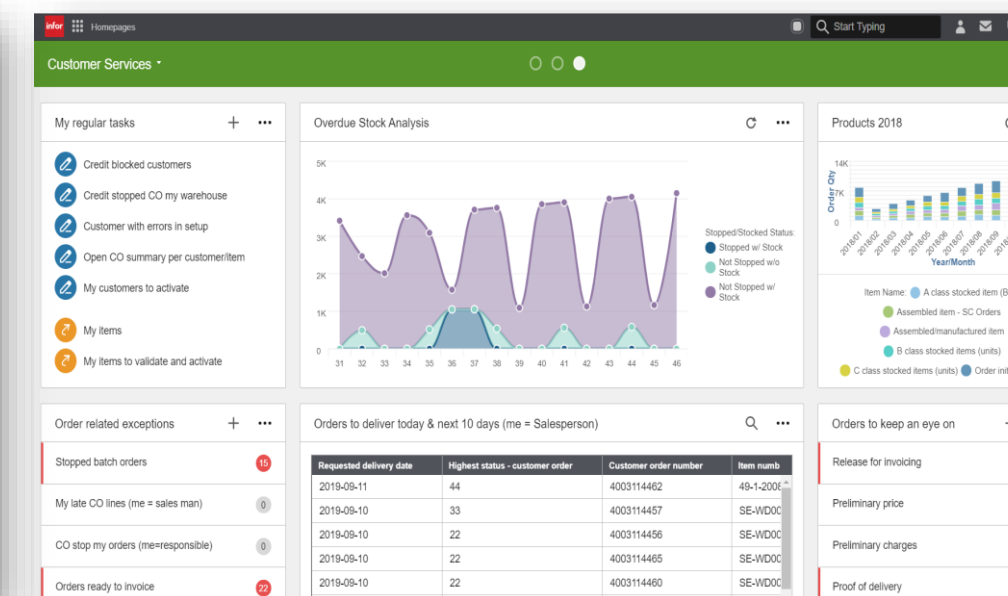
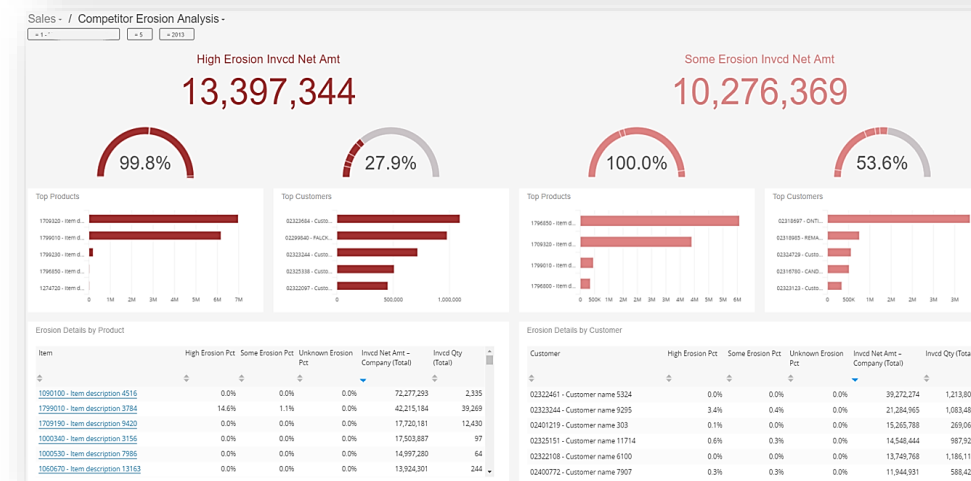
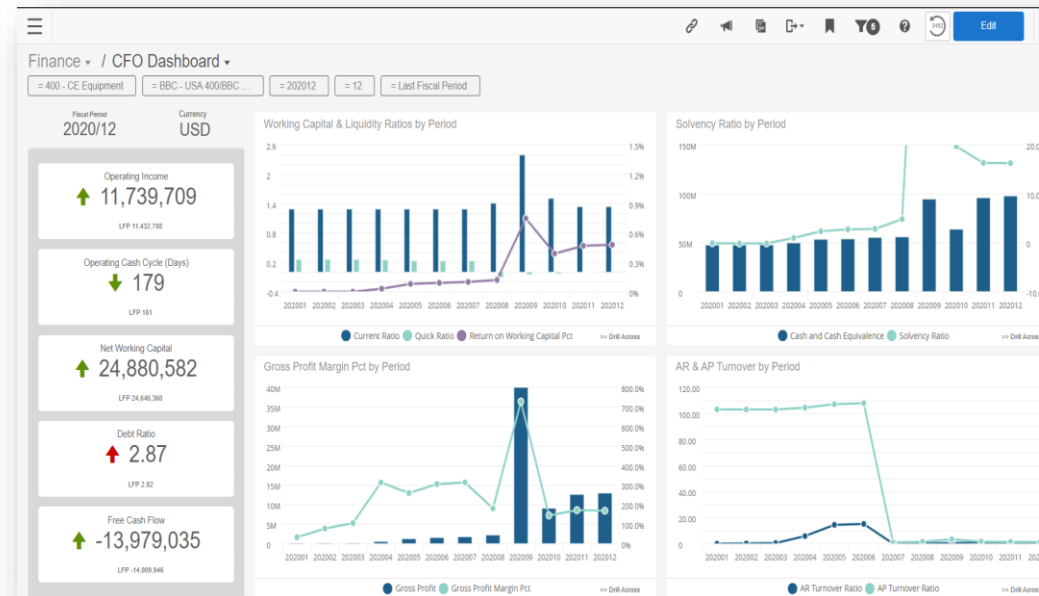
- Work Center Utilization
- Operational Analysis
- Order Costing

## Warehouse

- Stock Statistics
- Stock Detailed

## Equipment and Rental

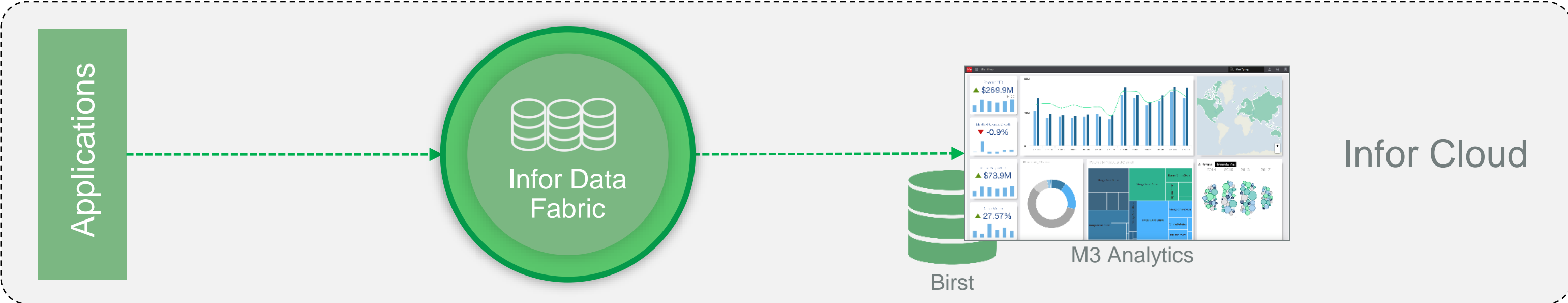
- Warranty Claims
- Labor Resource
- Technician Performance
- Rental Utilization



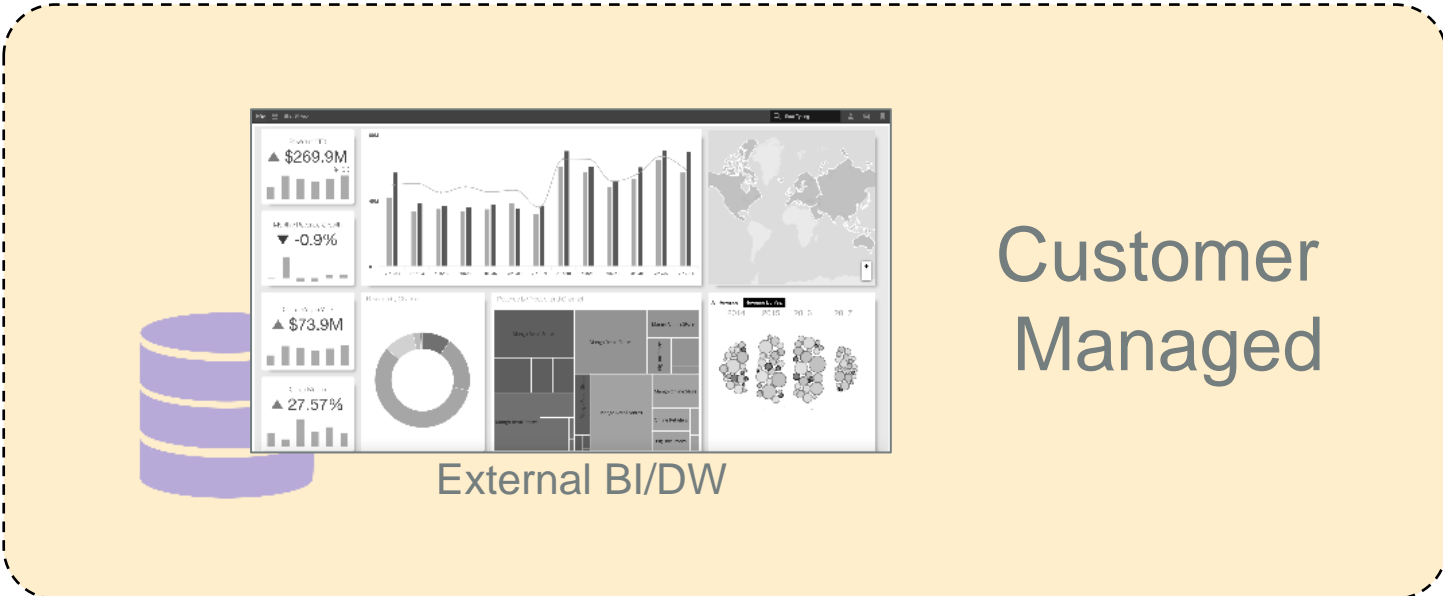
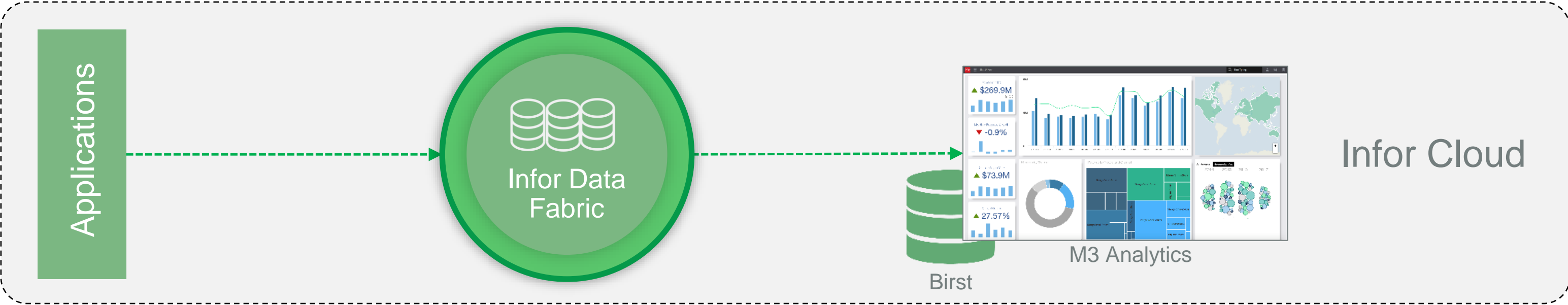
- ✓ 50+ Dashboards
- ✓ 300+ Reports
- ✓ 1200+ Metrics
- ✓ 100+ Dimensions
- ✓ 1500+ Attributes
- ✓ Drillbacks to M3



# Data Lake – With M3 Analytics



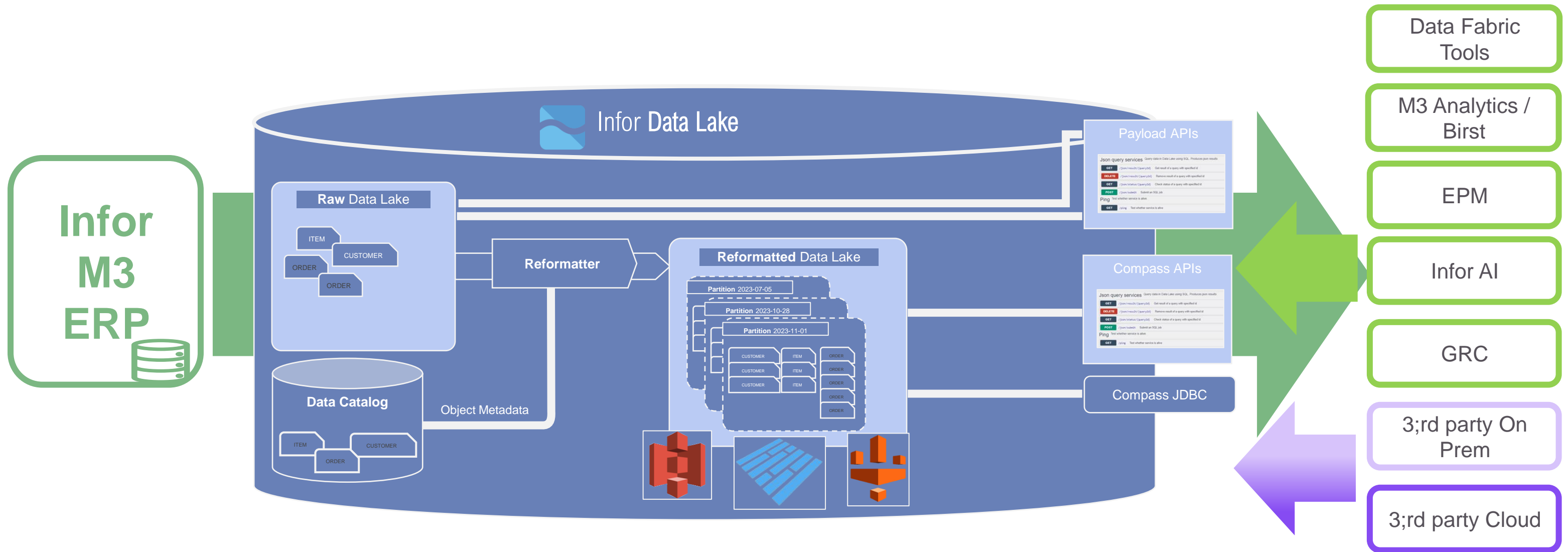
# Data Lake – With external BI/DW



# Data Fabric



# Infor Data Management – Data Fabric



# Data Lake Ingestion from M3

Raw JSON Data

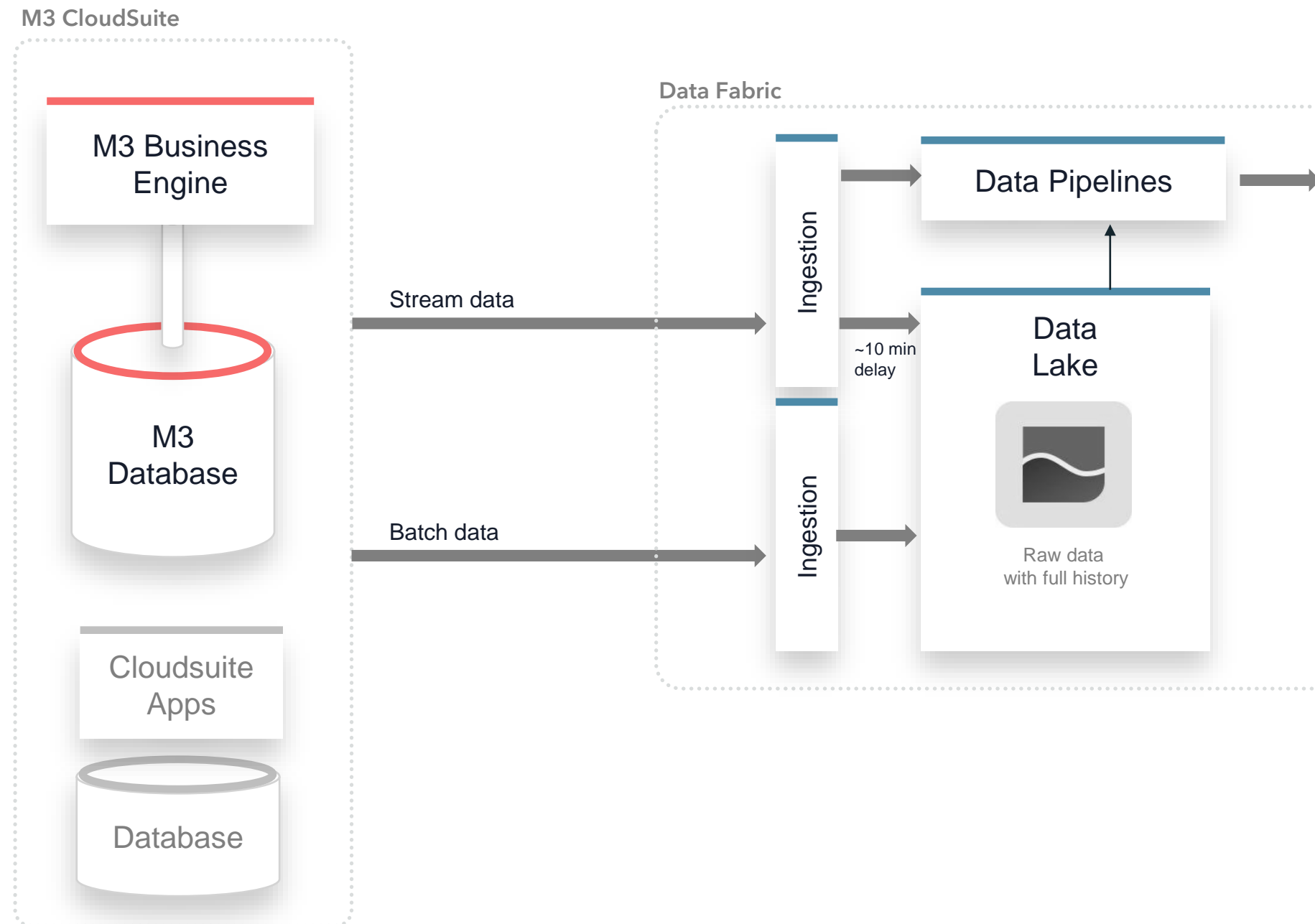
The screenshot displays the Infor Atlas interface for an object schema named 'OOHEAD'. The left sidebar shows the schema details, including the name 'OOHEAD', title 'CO header file', description 'CO header file', type 'JSON', subtype 'Newline-delimited', and library 'Custom'. The main area is split into two panes. The left pane shows the 'Formatted View' of the schema properties, with columns for 'Property', 'Indicators', and 'Type'. The right pane shows a table of 64 data objects. The table has columns for 'Object ID', 'Indexed Date', and 'Source Publication Date'. The selected object ID is '1-5d689e75-fae9-36c4-a007-3aa826b59204', indexed on 'Nov 17, 2022 2:41:24 PM', and published on 'Nov 17, 2022 2:41:09 PM'. The rightmost pane shows the raw JSON content for the selected object, which is a list of five JSON objects, each containing fields like 'CONO', 'DIVI', 'ORNO', 'ORTP', and 'FACI'.

Object ID	Indexed Date	Source Publication Date
1-fa83c479-c1f0-3ce3-9553-958a5b512bd7	Nov 17, 2022 1:31:33 PM	Nov 17, 2022 1:31:16 PM
1-d4eb7562-076b-3e00-a192-9a5331e808c8	Nov 17, 2022 1:33:36 PM	Nov 17, 2022 1:33:28 PM
1-50efbb3a-ca9e-365a-980f-a0fe8cefbe26	Nov 17, 2022 1:33:56 PM	Nov 17, 2022 1:33:38 PM
1-800fd180-9818-3b36-a1bb-07f541cc1886	Nov 17, 2022 1:33:56 PM	Nov 17, 2022 1:33:49 PM
1-81ac82e1-1762-3364-99dd-7586e6823592	Nov 17, 2022 1:34:36 PM	Nov 17, 2022 1:34:26 PM
1-79699f99-edcd-3cd1-b392-1ab5ac6427e4	Nov 17, 2022 1:34:57 PM	Nov 17, 2022 1:34:40 PM
1-5d689e75-fae9-36c4-a007-3aa826b59204	Nov 17, 2022 2:41:24 PM	Nov 17, 2022 2:41:09 PM
1-debbd016-1b4e-3321-8bd4-c9e1bfcfed6f	Nov 17, 2022 3:00:37 PM	Nov 17, 2022 3:00:14 PM
1-2a579a13-9801-33c2-b861-4fa5e6414059	Nov 17, 2022 3:00:37 PM	Nov 17, 2022 3:00:03 PM
1-fa82be17-c802-3af6-b5ca-27bb717358da	Nov 17, 2022 3:01:28 PM	Nov 17, 2022 3:01:06 PM
1-20db4fdf-9c10-3cd5-85f7-e022bd391fbf	Nov 17, 2022 3:12:12 PM	Nov 17, 2022 3:11:55 PM
1-4aae29ab-35fa-3222-8e58-5024d49f3ec5	Nov 17, 2022 3:12:19 PM	Nov 17, 2022 3:12:08 PM
1-347f3076-ec88-373d-9a48-94e2d483a059	Nov 17, 2022 3:12:26 PM	Nov 17, 2022 3:12:21 PM
1-d4941cdc-9ca4-365f-aea1-cf16596da8b7	Nov 17, 2022 3:12:47 PM	Nov 17, 2022 3:12:33 PM
1-0dedbcff-0a61-3adb-bd8f-e349214fca8c	Nov 17, 2022 3:16:11 PM	Nov 17, 2022 3:16:04 PM
1-4efdef63-8e14-30ad-a4b5-3279a07eb032	Nov 17, 2022 3:17:19 PM	Nov 17, 2022 3:17:10 PM
1-f5b3951a-5ddb-32ef-a983-4f526c9360b0	Nov 17, 2022 3:17:57 PM	Nov 17, 2022 3:17:43 PM
1-13ac702f-2b8a-3f1f-8aad-f931b0bd3ebe	Nov 17, 2022 3:18:37 PM	Nov 17, 2022 3:18:21 PM
1-948a29be-8726-3729-873f-ee07d1f793a6	Nov 17, 2022 3:19:13 PM	Nov 17, 2022 3:19:04 PM
1-470a057c-9026-33cd-a7cf-95985551f2a5	Nov 17, 2022 3:37:37 PM	Nov 17, 2022 3:37:31 PM
1-4439af6f-0a96-3c35-8e23-8b0839de9af0	Nov 17, 2022 3:38:09 PM	Nov 17, 2022 3:37:59 PM
1-fcc4a772-b303-3c79-9e2b-447ec39944c0	Nov 17, 2022 3:38:16 PM	Nov 17, 2022 3:38:10 PM
1-4f8e3837-9857-38c1-977f-fa5e1d9a01e1	Nov 17, 2022 3:38:40 PM	Nov 17, 2022 3:38:25 PM
1-8d99f44d-df21-36f0-9a9f-7c2b416b1f8f	Nov 17, 2022 3:39:06 PM	Nov 17, 2022 3:39:00 PM
1-faf84e4c-5381-3550-be68-49147e19281a	Nov 17, 2022 3:39:26 PM	Nov 17, 2022 3:39:18 PM

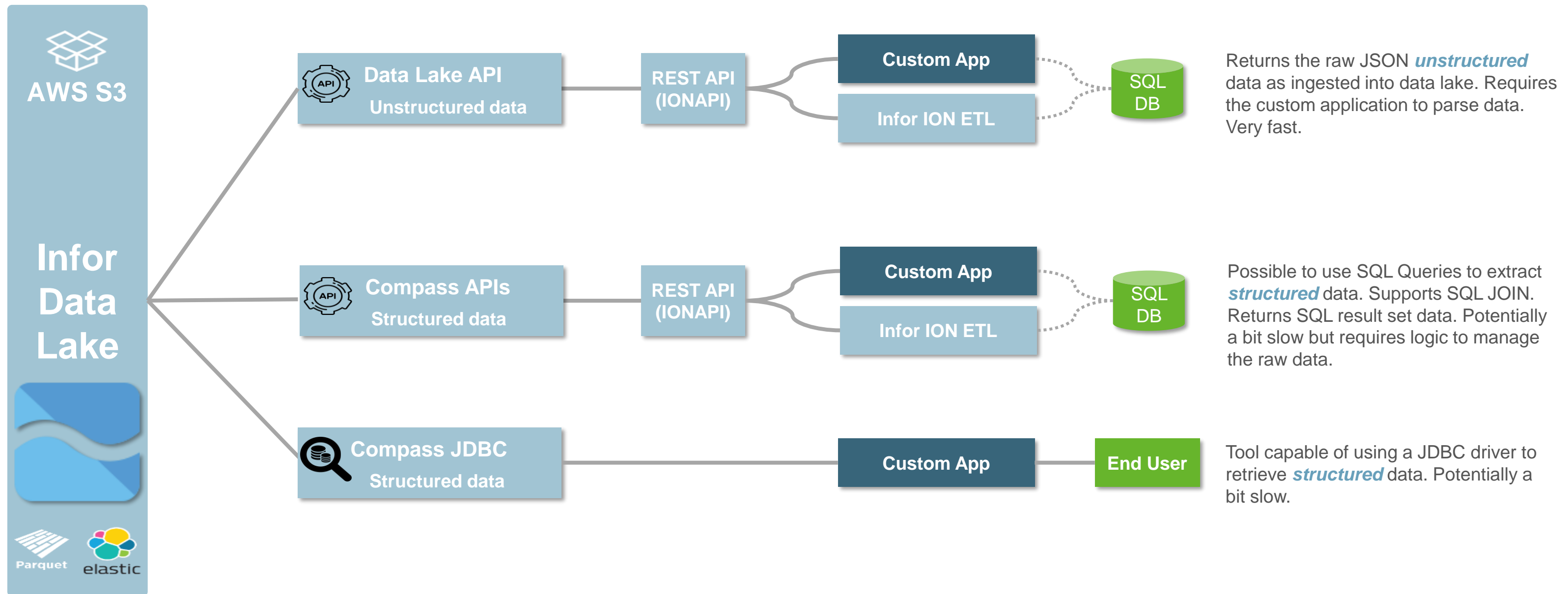


# M3 to Data Fabric

The screenshot displays the 'Data Lake Publisher' web interface. On the left, there's a 'Document Subscriptions' panel with a search bar and a list of subscriptions like 'ACERTH: Approval Tag 0/(CH)'. The main area shows a REST client interface with a 'POST' request to 'https://mingle-ionapi.inforcloudsuite.com/SLSGDENA011\_TRN/M3/m3api-rest/v2/execute/'. The request body is a JSON object with fields for 'program', 'maxReturnedRecords', and 'transactions'. Below the request, the response is shown in 'Pretty' format, indicating a successful transaction with 'nrOfSuccessfulTransactions: 1'.



# Consumers Overview



# Data Lake Egress

API call retrieving unstructured data



Data Lake API  
Unstructured data

**GET** `https://mingle-ionapi.eu1.inforcloudsuite.com/SLSGDENA040_TST/DATAFABRIC/datalake/v2/dataobjects/byfilter?filter=dl_document_name eq 'OOHEAD' and dl_document_date range [2022-11-17T10:00:00Z, 2022-11-18T00:00:00Z]&records=10`

Params Authorization Headers (11) Body Pre-request Script Tests Settings

Headers 9 hidden

KEY	VALUE	DESCRIPTION
accept	multipart/mixed	
Accept-Encoding	identity	
Key	Value	Description

Body Cookies (2) Headers (21) Test Results Status: 200 OK Time

Pretty Raw Preview Visualize

```
--Boundary_252530_207609214_1668714946588
Content-Encoding: identity
Content-ID: 1-5d689e75-fae9-36c4-a007-3aa826b59204
dl_id: 1-5d689e75-fae9-36c4-a007-3aa826b59204
dl_compression_type: deflated
dl_document_name: OOHEAD
dl_document_date: 2022-11-17T13:41:20.867Z
dl_document_indexed_date: 2022-11-17T13:41:24.597Z
dl_message_id: 3db16a8f-9c47-41e2-a9c5-77cf702d81c4:-ION::de6da722a40046e3b1767ff6c1519f66
dl_from_logical_id: infor.m3.m3:eventhub
dl_corrupt: false
dl_size: 1031
dl_encoding: UTF-8
dl_archived: false
time_in_transit: 15027
dl_source_publication_date: 2022-11-17T13:41:09.570Z
dl_channel: ion

{"CONO":400,"DIVI":"DDD","ORNO":"0010003673","ORTP":"F70","FACI":"D01","WHLO":"401","ORST":"20","ORSL":"20","CHL1":"","CHL2":"","CHL3":"","CHL4":"","CUNO":"75-JMDE001","ORDT":"20221210","CUOT":"20221210","RLDT":"RLDZ":"20221117","RLHZ":"1440","TIZO":"CET","DMDT":"0","CURD":"0","FDDT":"0","OPRI":"5","AICD":"0","OBLC":"0","ECTT":"0","OT38":"1","LNCD":"GB","TEPY":"N30","PYCD":"CSH","TECD":"","MODL":"003","TEDL":"DDP","TEL2":{... named f
"ADID":"1","SMCD":"MATJ0A0","OFNO":"","OREF":"","YREF":"Contact 1","CUOR":"JM110_71","PROJ":"","ELNO":"","WCON":"","VRCD":"1","FRE1":"","PYNO":"75-JMDE001","INRC":"75-JMDE001","AGNO":"","BAGC":"","BAGD":"0","
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"OTBA":"0.0","OTDP":"0.0","DICD":"0","CMPN":"","TOPR":"0","TBLG":"0.0","NBNS":"0","HOCD":"0","CHSY":"","ECLC":"","CPRE":"","HAFE":"","TAXC":"","JNA":"","JNU":"0","TXID":"0","PRTX":"0","POTX":"0","DTID":"0","ROUT":"","RO
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"CCAC":"","DECU":"75-JMDE001","VCPT":"0","PYRE":"","BKID":"","ABNO":"0","RASN":"","OIVR":"","OYEA":"0","MIGI":"","ICTR":"0","CHL5":"","CHL6":"","CHL7":"","CHL8":"","CHL9":"","TAGY":"","UCA1":"","UCA2":"","UCA3":"","
"UCA7":"","UCA8":"","UCA9":"","UCA0":"","UDN1":"0","UDN2":"0","UDN3":"0","UDN4":"0","UDN5":"0","UDN6":"0","UID1":"0","UID2":"0","UID3":"0","UCT1":"","PRP2":"0","accountingEntity":"400_DDD","variationNumber":"1330277186129","times
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"EXCD":"","TINC":"0","LOCD":"EUR","CUCD":"EUR","DCCD":"2","CRTP":"1","FECN":"","ARAT":"0.0","DMCU":"2","BREC":"","AGNT":"","GRWE":"0.65","NEWE":"0.65","VOL3":"0.13","COAM":"0","BRAM":"740.0","BRLA":"740.0","NTAM":"740.0","NTLA":"740.0","RPIV":"0
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"deleted":false}
```

## Data Lake Storage & Management 1.0 OAS 3.0

Retrieve Retrieve data objects stored in Data Lake

- GET** `/dataobjects` List data object properties using a filter.
- GET** `/dataobjects/{id}` Retrieve payload based on id from datalake
- GET** `/dataobjects/splitquery` Split a demanding filter (producing more than 10K results) into several smaller filters, producing the same final result (up to 9500 results per one filter).
- GET** `/dataobjects/byfilter` Stream data objects as a multipart stream, using a filter.



# Data Lake Egress

Data Lake Flow in ION



Sends unstructured data from Data Lake

- Scheduled
- Sends via ION Connection point

Data Lake Flow zJMTTestETL

REMOVE CONNECTION POINTS

Retrieve Query Ingest Application Database Network File API Message Queue Stream Mapping Splitter Script

Filter

Start

Retrieve from

Properties

OOHEAD/

Objects Properties

Objects (1) Info

Find objects by prefix

Name	Type	Last modified	Size	Storage class
2024-12-18T06:15:14.091Z_1b14b1f50f904380bec45eec1969b2f8.json	json	December 18, 2024, 07:15:15 (UTC+01:00)	9.4 KB	Standard

```
{ "CONO": 750, "DIVI": "AAA", "ORNO": "0010000256", "ORTP": "D90", "FACI": "A03", "WHLO": "003", "ORST": "003" }
{ "CONO": 750, "DIVI": "AAA", "ORNO": "0010000256", "ORTP": "D90", "FACI": "A03", "WHLO": "003", "ORST": "003" }
{ "CONO": 750, "DIVI": "AAA", "ORNO": "0010000256", "ORTP": "D90", "FACI": "A03", "WHLO": "003", "ORST": "003" }
{ "CONO": 750, "DIVI": "AAA", "ORNO": "0010000256", "ORTP": "D90", "FACI": "A03", "WHLO": "003", "ORST": "003" }
```

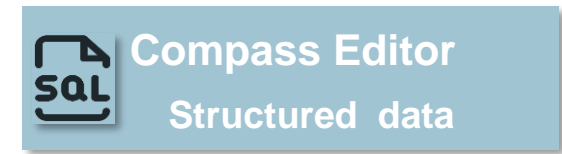
Basic Scheduling

Trigger every 5 minutes

Next three scheduled triggers at UTC are:  
Apr 4, 2024, 6:05:00 PM  
Apr 4, 2024, 6:10:00 PM  
Apr 4, 2024, 6:15:00 PM

# Data Lake Egress

SQL possibility for testing purposes



Compass

Tab #6

Run query

```
1 --*includeAllVariations=OOLINE
2 SELECT h.ORN0 as OrderNumber, h.CUN0 as Customer, 1.PONR as LineNumber, 1.ITNO as Item, 1.ORQT as Quantity, 1.SAPR Price, 1.LMDT ChnageDate, 1.deleted DeletedRecord
3 FROM OOHEAD h
4 JOIN OOLINE 1 on h.CONO = 1.CONO and h.ORN0 = 1.ORN0
5 WHERE
6 h.CONO = 400 AND h.LMDT = 20221117 AND h.CUN0='75-JMDE001'
7 ORDER BY h.ORN0, 1.PONR
```

Results (18 rows in 6.3 seconds, on 11/19/2022 6:27 PM)

	OrderNumber	Customer	LineNumber	Item	Quantity	Price	ChnageDate	DeletedRecord
1	0010003673	75-JMDE001	1	75-JM002	1.0000000000000000	40.0000000000000000	20221117	false
2	0010003673	75-JMDE001	1	75-JM002	1.0000000000000000	40.0000000000000000	20221117	false
3	0010003673	75-JMDE001	2	75-JM003	2.0000000000000000	50.0000000000000000	20221117	false
4	0010003673	75-JMDE001	2	75-JM003	2.0000000000000000	50.0000000000000000	20221117	false
5	0010003673	75-JMDE001	3	75-JM004	10.0000000000000000	60.0000000000000000	20221117	false
6	0010003673	75-JMDE001	3	75-JM004	10.0000000000000000	60.0000000000000000	20221117	false
7	0010003681	75-JMDE001	1	75-JM002	1.0000000000000000	40.0000000000000000	20221117	false
8	0010003681	75-JMDE001	1	75-JM002	1.0000000000000000	40.0000000000000000	20221117	false
9	0010003681	75-JMDE001	2	75-JM003	2.0000000000000000	50.0000000000000000	20221117	false
10	0010003681	75-JMDE001	2	75-JM003	2.0000000000000000	50.0000000000000000	20221117	false
11	0010003681	75-JMDE001	3	75-JM004	10.0000000000000000	60.0000000000000000	20221117	false
12	0010003681	75-JMDE001	3	75-JM004	10.0000000000000000	60.0000000000000000	20221117	false
13	0010003682	75-JMDE001	1	75-JM002	1.0000000000000000	40.0000000000000000	20221117	false
14	0010003682	75-JMDE001	1	75-JM002	1.0000000000000000	40.0000000000000000	20221117	false
15	0010003682	75-JMDE001	2	75-JM003	2.0000000000000000	50.0000000000000000	20221117	false
16	0010003682	75-JMDE001	2	75-JM003	2.0000000000000000	50.0000000000000000	20221117	false
17	0010003682	75-JMDE001	3	75-JM004	10.0000000000000000	60.0000000000000000	20221117	false
18	0010003682	75-JMDE001	3	75-JM004	10.0000000000000000	60.0000000000000000	20221117	false

# Data Lake Egress

SQL query using the JDBC driver



The screenshot shows a database client interface with a tree view on the left and a query editor on the right. The tree view shows a database named 'Infor DataLake' with several schemas: 'admin', 'datacatalog', and 'default'. Under 'default', there is a 'Tables' folder containing various tables like 'aclhed', 'aclspc', 'acltyp', 'acuagh', 'acuoty', 'am\_auditevent', 'am\_monitoringevent', 'analyzed\_tweets', 'analyzed\_tweets\_sumr', 'bpotyp', 'bprojs', 'ccurra', 'cdwima', 'ceaemp', and 'cfacil'.

The query editor shows the following SQL query:

```
select ol.orno, ol.cuno, ol.orst, ol.ponr, ol.itno
from (select top 3 * from OOHEAD where CONO=400 order by timestamp desc) oh
JOIN "default".ooline ol on oh.cono = ol.cono and oh.orno=ol.orno
where oh.cono=400 order by oh.orno, ol.ponr
```

The results are displayed in a table with the following columns: 'ABC orno', 'ABC cuno', 'ABC orst', '123 ponr', and 'ABC itno'. The results are as follows:

	ABC orno	ABC cuno	ABC orst	123 ponr	ABC itno
1	4003113821	75-JMSE01	44	1	75-JM001
2	4003113821	75-JMSE01	44	2	75-JM002
3	4003113821	75-JMSE01	44	3	75-JM003
4	4003113847	75-JMSE01	44	1	75-JM001
5	4003113847	75-JMSE01	44	2	75-JM002
6	4003113847	75-JMSE01	44	3	75-JM003
7	4003113848	75-JMSE01	44	1	75-JM001
8	4003113848	75-JMSE01	44	2	75-JM002
9	4003113848	75-JMSE01	44	3	75-JM003



# Data Lake Egress

SQL REST API call



Compass APIs  
Structured data

The image displays three overlapping screenshots of a REST client interface, likely Postman, showing the execution of a SQL query and the resulting JSON data.

**Left Window (POST Request):** Shows a SQL query with a hint `--*includeAllVariations=00LINE`. The query selects columns `h.ORN0`, `h.CUN0`, `l.PONR`, `l.ITNO`, `l.ORQT`, `l.SAPR`, `l.LMDT`, and `l.deleted` from a table `OOHEAD` joined to `h.CONO`. The `where` clause filters for `h.CONO = 400` and `h.LMDT = 20221117`.

**Middle Window (GET Response):** Shows a JSON response with the following structure:

```
1 {
2   "status": "FINISHED",
3   "location": "result",
4   "queryId": "nCgNWLnhbvDh5NsgqHm9",
5   "rowCount": 417,
6   "columns": [
7     {
8       "name": "ORN0",
9       "datatype": "String"
10    },
11    {
12     "name": "CUN0",
13     "datatype": "String"
14    }
15  ]
16 }
```

**Right Window (GET Response):** Shows a JSON array of query results. Each object contains the same set of columns as the first response, with values for each column. For example, the first object has `"ORN0": "0010003663"`, `"CUN0": "U7210"`, `"PONR": "1"`, `"ITNO": "YPA1003"`, `"ORQT": "369.0000000000000000"`, `"SAPR": "382.9000000000000000"`, `"LMDT": "20221117"`, and `"deleted": "false"`.

# Infor OS Service Limits

Service	Add-on Resource	Infor OS Essentials	Infor OS Professional	Infor OS Enterprise	TECH LM Resource Unit
User Management	SSO	15,000	75,000	510,000	Logins per day
Integration	Processing Capacity	350	3,500	35,000	MB per day
Scripting	Scripting Time	50	500	3,000	Minutes per day
API Gateway	API Executions	250,000	1,250,000	6,250,000	Executions per day
Document Management	Document Output	15,000	75,000	300,000	Documents per day
Data Fabric	Compass Compute Time	20	100	500	Minutes per day
Storage Capacity	Non DB Storage	2	4	8	TB per contract
Cloud Egress	Transferred out of CloudSuite	3	6	12	TB per year
Streaming Ingestion	Ingestion	6	12	24	GB per day
Artificial Intelligence	Training Time	240	1,920	5,760	Minutes per month
Digital Assistant	Skill Executions	100	500	1,500	Executions per day
Application Development	Runtime User	400	1,600	6,000	Concurrent User

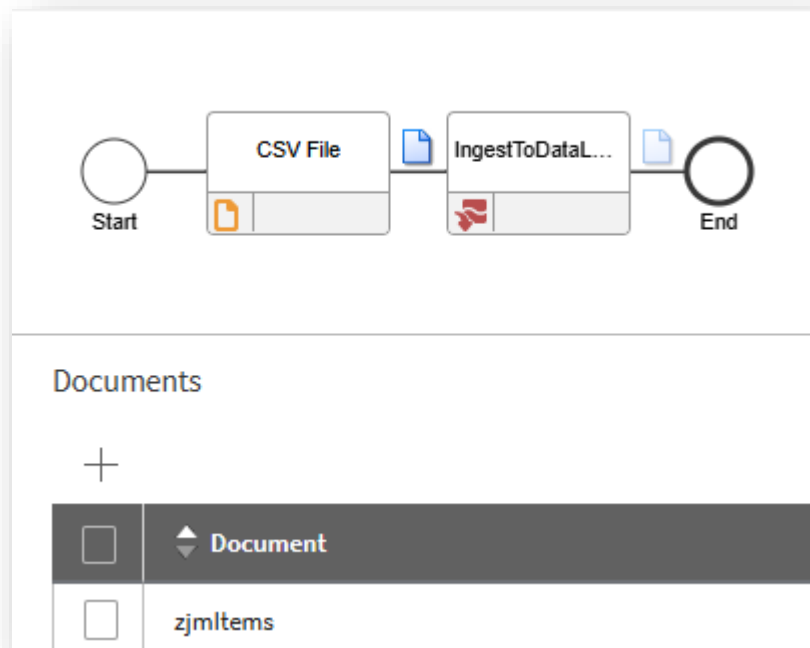
<https://os.infor.com/usagelimits>

# Ingest external data

```

1 ITEM, COLOR
2 75-JM001,Blue
3 75-JM002,Red
4 75-JM003,Yellow
5 75-JM004,Black
6 75-JM005,White
  
```

The Atlas interface shows a search for 'zjmi' resulting in a data object 'zjmItems' (1 Data objects) with a timestamp of '21 jan. 2025 15:03:14 | 1'. The details table shows the Object ID '2012-22e23901-674a-3604-a8d5-d4596b0281fc', Channel 'ION', and Indexed date '21 jan. 2025 15:03:14'. The content pane displays the same list of items as shown in the first screenshot.



The Atlas Upload interface features a 'Drag and drop here or upload files to upload' area. Below this, there is an 'Object Name' field containing 'zjmItems' and an 'Atlas | Data Catalog' link.

The Compass interface shows a query for 'zjmItems' with the following SQL:
 

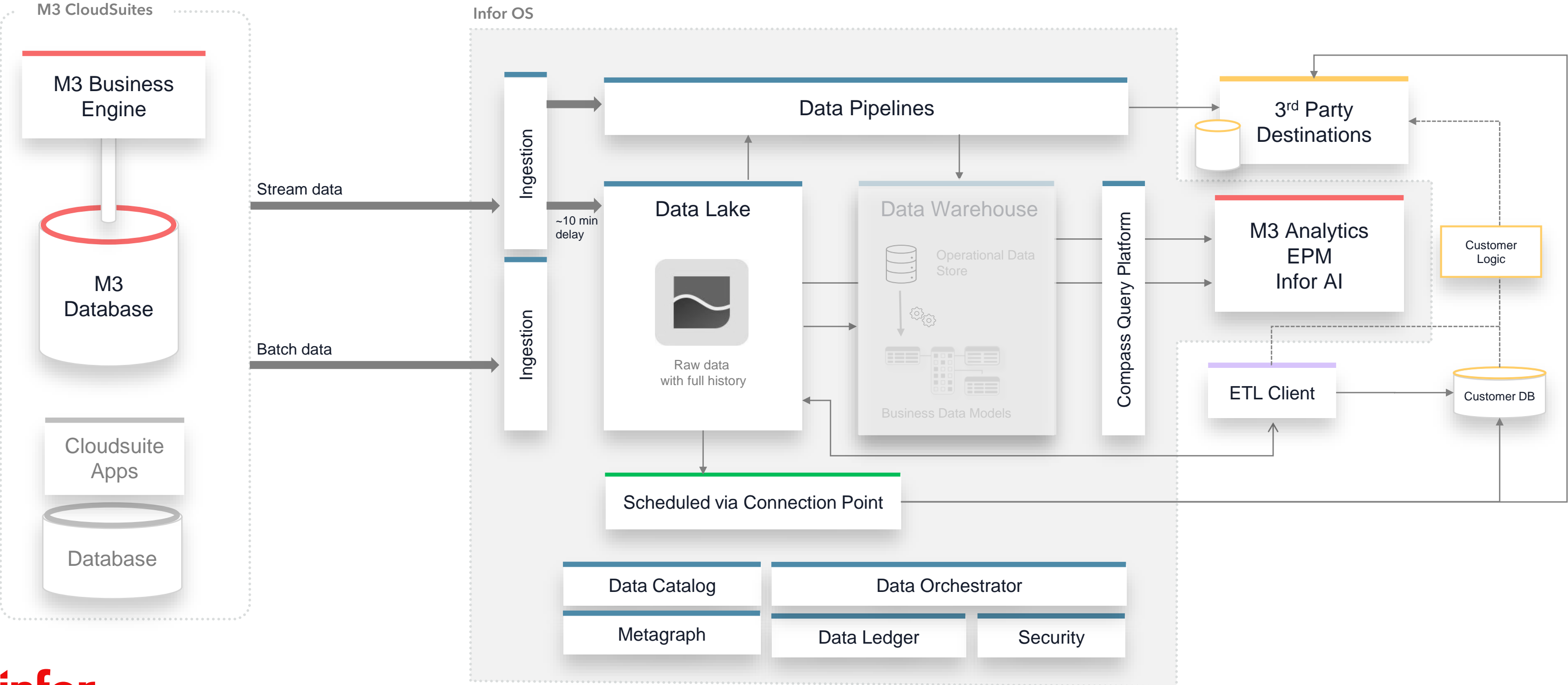
```

1 select m.ITNO, m.ITDS, z.COLOR
2 from MITMAS m JOIN zjmItems z
3 on m.ITNO=z.ITEM
  
```

 The results table shows 5 rows:
 

	ITNO	ITDS	COLOR
1	75-JM003	Powerpoint clickers	Yellow
2	75-JM001	7.5 Amp 1/2 in. Hole Hawk1	Blue
3	75-JM002	Fire truck	Red
4	75-JM004	Paper cuts	Black
5	75-JM005	Plastic mug	White

# M3 and Data Fabric 2024



# Data Pipelines – Destinations

Pipelines enables fast data delivery to various technologies, relational databases, analytics warehouses, streaming platforms and storage locations.

The Destinations component is used for defining and managing the connection to these locations where Stream Pipelines can offload data in real-time processing.



Amazon Aurora PostgreSQL



Azure Database for PostgreSQL



Snowflake

### Full disclaimer

*\*Future destination is on roadmap*

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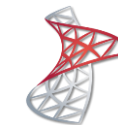
Amazon Aurora PostgreSQL



Azure Database for PostgreSQL



Snowflake



Amazon RDS SQL Server and Azure SQL\*



Amazon Redshift\*

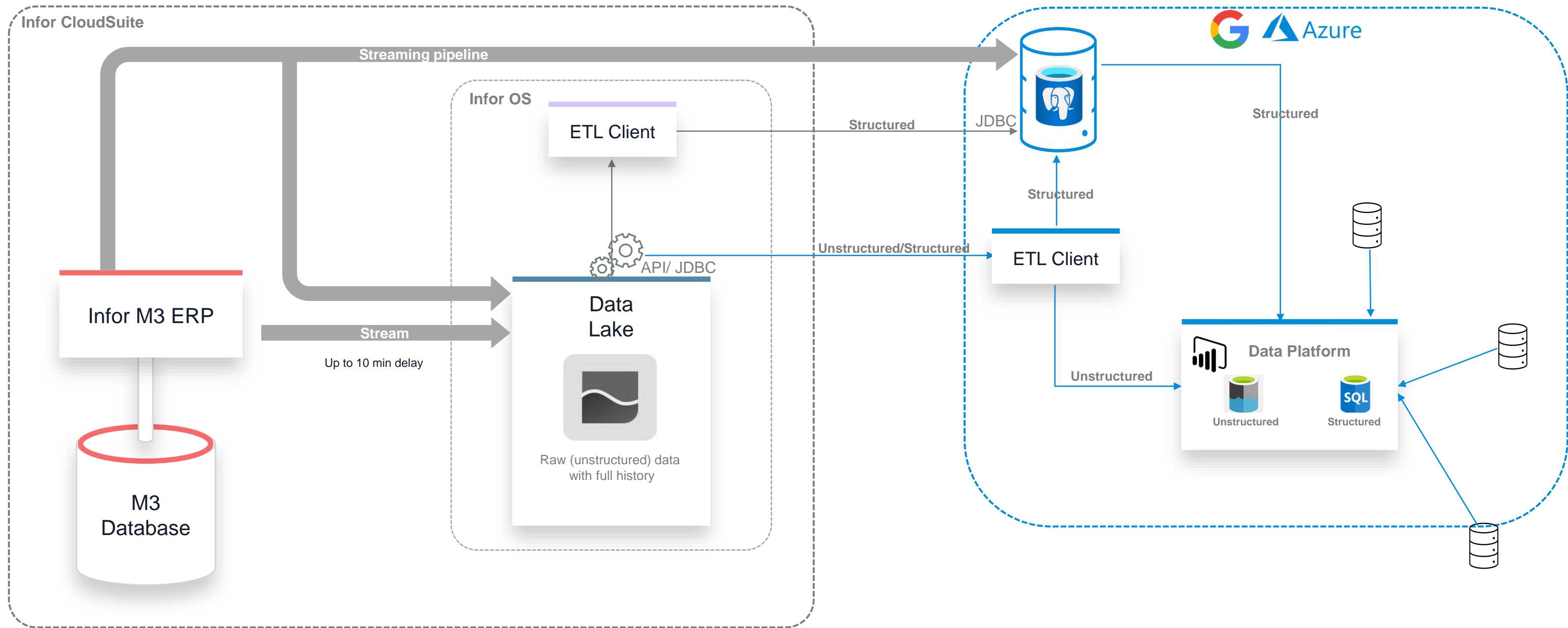


Streaming platforms\*

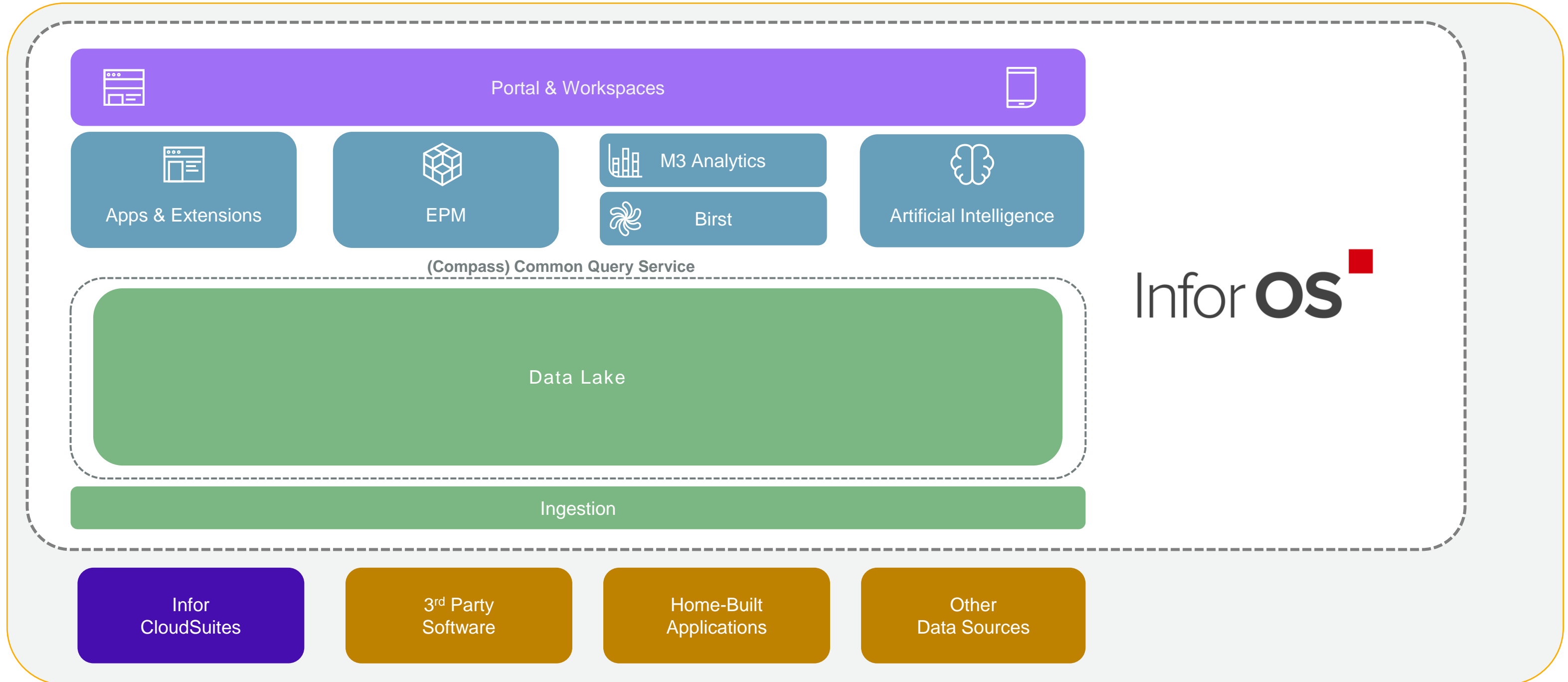


Any storage\*

# Architecture with Cloud provider



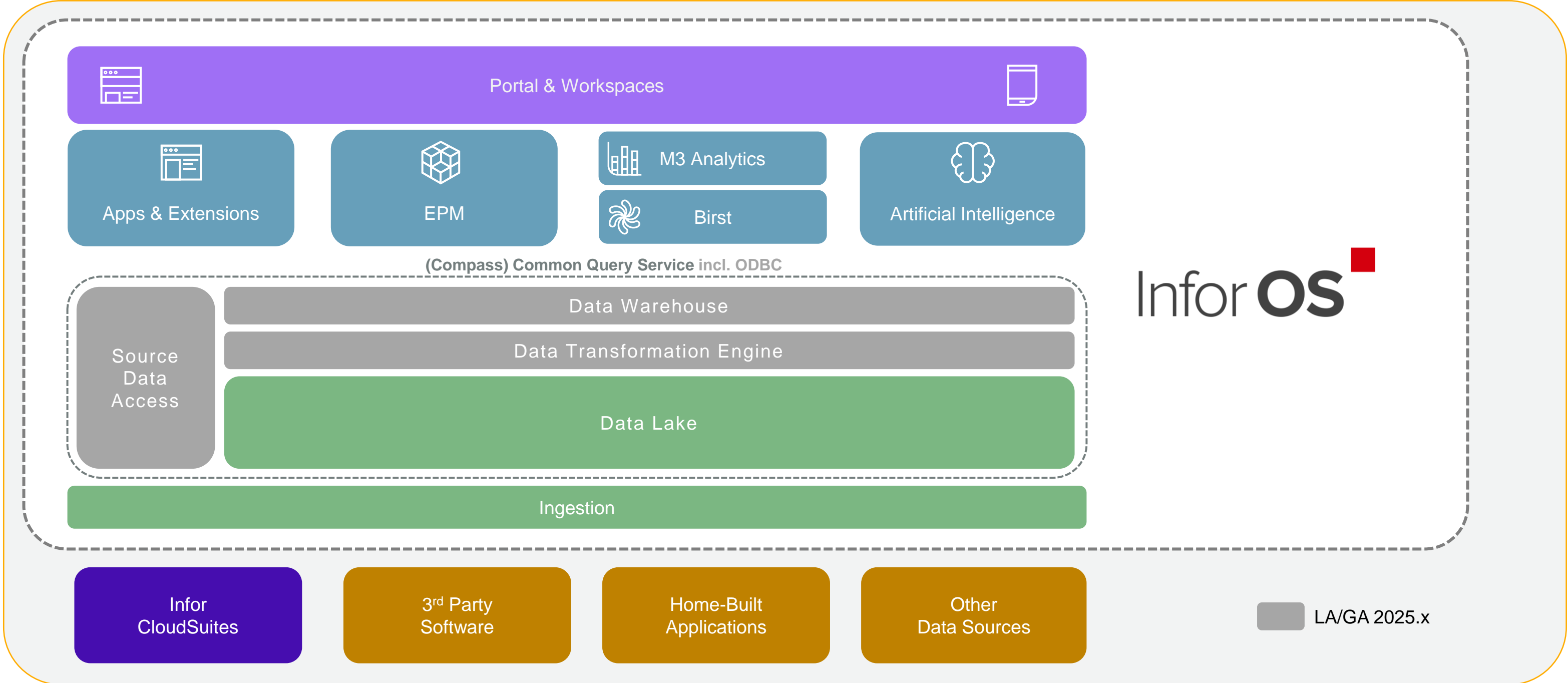
# Data Fabric & Related Applications Overview



Infor OS



# Data Fabric & Related Applications Overview 2025+



# Master KB Article

## Main resource for Knowledge Transfer

- How to Setup and Configure M3 with Data Fabric
- Administration
- Data Validation & Troubleshooting
- How access and make use of Data Lake

Master KB: [KB2186646](#)



## M3 integration with Infor Data Fabric - Master KB Article

Revised by Isabelle Gallo-Grosos • 14d ago • 42 Views • ★★★★★

### Article Information

#### Description :

M3 Integration with Infor Data  
Master KB Article

This article provides links to all KB articles describing configuration, guides and other useful information ..

In order to receive a notification on updates for this KB articles, please click and follow this [Sign-Up](#) link, then click 'Sign-Up'

Visit [href="https://docs.infor.com](https://docs.infor.com) for the following documents

- Infor M3 CE Core Administration Guide
- Infor M3 Cloud Configuration Guide
- Infor ION Development Guide - Cloud Edition
- Infor Data Fabric User Guide
- Infor ION Technology Connectors Administration Guide - Cloud Edition

Setup & Configuration	Source	Updated	Link
Configure M3 with Infor Data Lake (using ION)	M3 Dev	2020-07-13	2106
Configure M3 Streaming to Data Fabric	M3 Dev	2023-04-05	2296

Administration	Source	Updated	Link
Initial Load or Partial load of Infor Data Lake	M3 Dev	2021-11-04	2186
Refresh invalid M3 data in Infor Data Lake	M3 Dev	2021-08-27	2216
Align Data Lake with M3 Database changes	M3 Dev	2021-02-05	2186
Manual updates of M3 metadata in Infor Data Catalog	M3 Dev	2021-06-23	2206

Validation & Troubleshooting	Source	Updated	Link
Resolve M3 duplicate data in Infor Data Lake	M3 Dev	2021-03-09	2186
Synchronizing Compass data with Data Lake data	Infor OS	2020-12-28	2149

Using Infor Data Lake	Source	Updated	Link
Extract data from Infor Data Lake	M3 Dev	2021-01-01	2180
Data Lake aspects of updates in M3 table OPRICL	M3 Dev	2020-12-17	2172
Access M3 data in Infor Data Lake	M3 Dev	2020-03-12	2106

Related	Source	Link
M3 Analytics Master KB Article	M3 Analytics	2022
Infor M3 CE CloudSuites - Release Information Overview	M3	1956
M3 CE Integration and Infor OS content - KB Articles	M3 Integration	2017

Archived	Source	Updated	Link
M3 Date field formatting in DL Compass	M3 Dev	2020-07-09	2142
Revert changes in M3 Date formats in Data Lake Compass after M3 April 2020 release	M3 Dev	2020-05-26	2133

<https://community.infor.com/infor-ion/ff/infor-data-lake>



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