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# Infor Operating Service (OS)

Cloud Application Platform

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# Agenda

01

Platform Overview

02

New Innovations

03

Roadmap

04

Q&A

INDUSTRY FOCUS

# Complete, industry analytics suite, with an enterprise cloud platform



## Discrete Industries

- Aerospace & Defense
- Automotive
- High Tech
- Industrial Machinery
- Industrial Manufacturing



## Consumer Industries

- Equipment
- Fashion
- Food & Beverage
- Retail
- Wholesale Distribution



## Service Industries

- Construction
- Financial Services
- Hospitality
- Logistics
- Professional Services



## Public Sector

- Defense
- Federal Government
- K-12 Education
- State & Local
- Transportation



## Energy & Natural Resources

- Chemicals
- Oil & Gas
- Utilities



## Healthcare

- Health Service Providers
- Health Insurance
- Specialty Outpatient

Industry Analytics



Enterprise Applications



Infor Operating Service



AWS



TECHNOLOGY

# Accelerating innovation for the enterprise

## Infor OS<sup>®</sup>



Infor<sup>®</sup> OS is a cloud operating platform that seamlessly connects services to provide a robust technology framework that serves as the foundation of innovation for the entire business ecosystem.

Connect the entire ecosystem



User Experience



Collaboration



Document Management



Security



Enterprise application integration



Data fabric



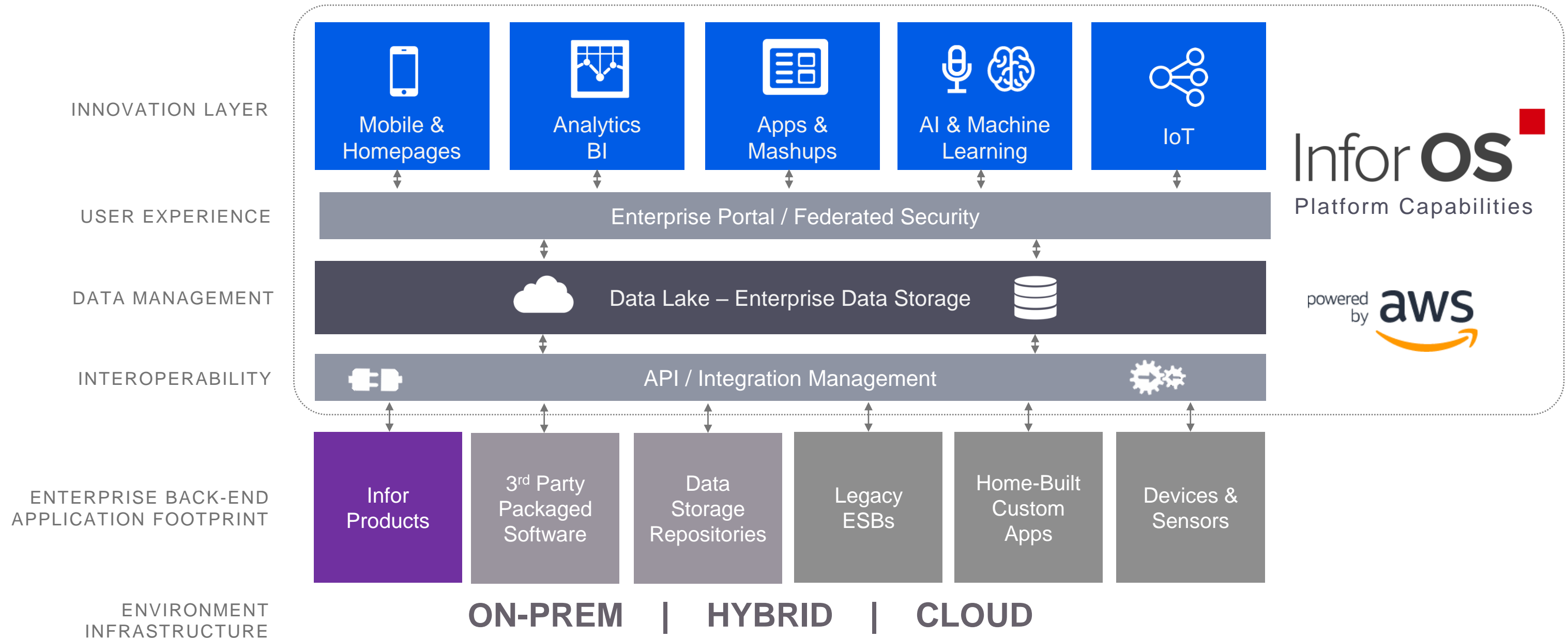
Applied Machine Learning



Extensibility



# Infor OS - An Innovation Gateway



# Infor OS: Application Portal & Digital Assistant

The screenshot displays the Infor OS application portal dashboard. At the top, there's a navigation bar with 'Homepages' and a search bar. The main content area is divided into several sections:

- Actual vs. Plan by Regions:** A horizontal bar chart showing performance across Africa, Asia (94%), Australia, Europe, North America, and South America (86%).
- Late Orders by Months:** A line chart showing late order percentages over time, with a tolerance of 8% indicated.
- Daily Sales:** A bar chart showing daily sales against a target and average, with an average daily sales of \$12k.
- Online Sessions and Unique Users:** Two large circular gauges showing 9 Online Sessions and 5 Unique Users.
- Alert Status:** A summary of alert counts: 0 Open Now, 0 Total Alerts Generated, 0 Canceled, and 0 Completed.
- Alert List:** A list of alerts, including 'A new Item LAK000001ITEM001 without descrip...' and 'Big PO DR0000044 has been approved!'.
- Notification List:** A list of notifications, including 'GHR-PK001 has been approved' and 'GHR-WS100 has been approved'.
- Task List:** A list of tasks, including 'Please approve GHR-Y56W' and 'Please approve requisition PRQ000053'.
- Workflow Viewer:** A detailed view of a workflow named 'MAS\_GHR\_APPROVAL', showing steps like 'VP APPROVAL' and 'EVP APPROVAL' with decision points.
- Alarms:** A list of alarms, including 'SO\_QTY, 11/17/2020, 12:27 PM' and 'SO\_QTY, 11/17/2020, 12:27 PM'.

The screenshot shows the Infor OS digital assistant chat interface. The chat window is titled 'Coleman' and has a 'Today' filter. The messages are as follows:

- Hi, I'm Coleman!
- We can talk through text or over voice.
- You can type a request to me, then hit "enter" or click [send icon]
- To use voice, click on [microphone icon] and I'll start listening to you. When you're finished speaking, click [stop icon]

The screenshot shows the Infor OS digital assistant listening screen. The screen is blue and features the text 'Listening...' at the top. Below the text, there is a large microphone icon. At the bottom, there is a 'Cancel' button and a 'Success' indicator.

# Infor OS: CloudSuite Workflow

ION Desk

Workflow MAS\_GHR\_APPROVAL\_1

NAME: MAS\_GHR\_APPROVAL\_1

DESCRIPTION: Global Hiring Request Workflow Approval

Version 3

Last Updated by Manju Ganimasty

Last Updated on Feb 6, 2020, 6:30:43 PM

Last Activated on

Task Properties

- Task
- Content
- Actions
- Distribution
- Escalation and Reminders
- Completion Properties

```
graph LR; Start((Start)) --> VP[VP APPROVAL]; VP --> D1{ }; D1 -- Yes --> EVP[EVP APPROVAL]; D1 -- No --> D2{ }; EVP --> D2; D2 -- Yes --> CFO[CFO APPROVAL]; D2 -- No --> D3{ }; CFO --> D3; D3 -- Yes --> SA[Set Approved]; D3 -- No --> SR[Set Rejected]; SA --> D4{ }; SR --> D4; D4 --> NM[NOTIFY MGR]; NM --> End((End));
```

### Task List

- Older
- ✓ Please approve GHR-Y56W  
11/16/2020 04:41 PM  
**PRIORITY: HIGH**
- ✓ Please approve requisition PRQ000053.  
11/16/2020 04:40 PM
- ✓ Please approve requisition PRQ000052.  
11/16/2020 04:37 PM  
**PRIORITY: HIGH**
- ✗ Please approve requisition PR  
11/16/2020 04:34 PM

### Workflow Viewer

MAS\_GHR\_APPROVAL

Workflow ID: 2162

```
graph LR; Start((Start)) --> VP[VP APPROVAL]; VP --> D1{ }; D1 -- Yes --> EVP[EVP APPROVAL]; D1 -- No --> D2{ }; EVP --> D2; D2 -- Yes --> CFO[CFO APPROVAL]; D2 -- No --> D3{ }; CFO --> D3; D3 -- Yes --> SA[Set Approved]; D3 -- No --> SR[Set Rejected]; SA --> D4{ }; SR --> D4; D4 --> NM[NOTIFY MGR]; NM --> End((End));
```

### Alarms

Search...

- SO\_QTY, 11/17/2020, 12:27 PM  
SalesOrder  
Expired on : 11/20/2020 12:29 PM  
**Expired**
- SO\_QTY, 11/17/2020, 12:27 PM  
SalesOrder  
Created on : 11/17/2020 12:27 PM  
**Draft**



# Infor OS: Integration and APIs

The screenshot shows the 'Document Flow SHIPMENTFLOW' interface. On the left, there's a sidebar with 'Name' (SHIPMENTFLOW), 'Description', and 'Inactive' status. Below that, it shows 'Last Updated by Massimo Capoccia' and 'Last Updated on Nov 26, 2020, 9:42:42 AM'. A 'Notifications' section shows 14 red and 0 orange notifications. The main area features a toolbar with icons for Application, Database, File, ION API, Message Queue, Stream, Workflow, Mapping, Splitter, Script, Parallel, Filter, Routing, and Merge. The central workspace displays a workflow diagram starting with a 'Start' node, branching into 'M3', 'LEGACY DB', 'ORDERS-FILE', and 'SCRIPTMAPPER', then merging and proceeding to 'WMS NA', 'WMS EMEA', 'APPROVAL R...', and finally 'UPDATE API' before reaching an 'End' node. Below the diagram, the 'ION API Activity Properties' section is visible, with 'Name' set to 'UPDATE API' and a 'Description' field.

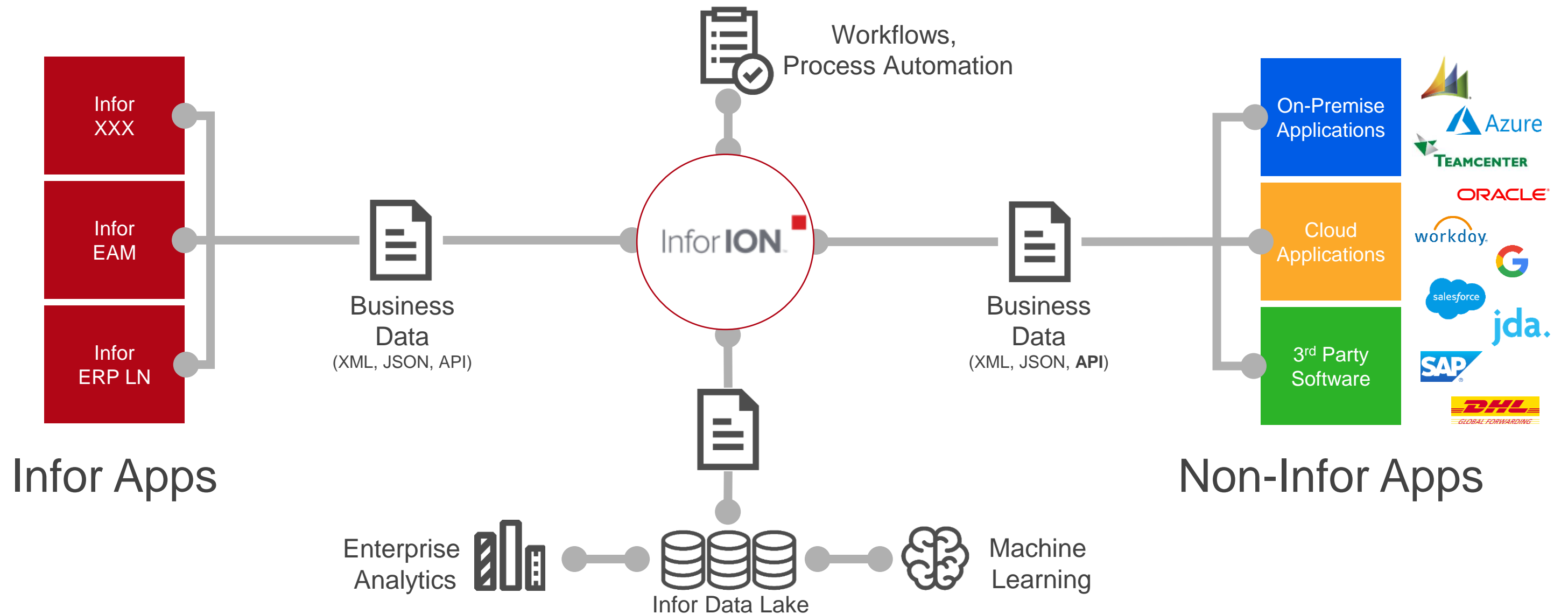
```
Script JSON_to_XML
USAGE
Script Testing Documentation
1 import json
2 from xml.etree import ElementTree
3
4 class Converter(object):
5     def __init__(self, to_convert):
6         self._to_convert = to_convert
7
8     def convert(self, *args, **kwargs):
9         pass
10
11
12 class JsonToXML(Converter):
13     def __init__(self, to_convert):
14         # assert isinstance(to_convert, 'keys')
15         super(JsonToXML, self).__init__(to_convert)
16
17     def convert(self, *args, **kwargs):
18         """
19         Converts a dictionary to an XML ElementTree Element
20         """
21         if isinstance(self._to_convert, dict):
22             keys = list(self._to_convert.keys())
23             if len(keys) == 1:
24                 self._to_convert = {'root': self._to_convert}
25         elif isinstance(self._to_convert, list):
26             self._to_convert = {'root': self._to_convert}
27
28         root_tag = list(self._to_convert.keys())[0]
29         print(root_tag)
30         root = ElementTree.Element(root_tag)
31         self._convert(root, self._to_convert[root_tag])
32         return root
33
34     def _convert(self, parent, dictitem, type=[]) # type(dictitem) is not type([])
35         # assert not isinstance(dictitem, type([])) # type(dictitem) is not type([])
36
37         if isinstance(dictitem, dict):
38             for (tag, child) in dictitem.items():
39                 tag = '%s%s' % (parent.tag, tag)
40                 if isinstance(child, dict):
41                     root = ElementTree.Element(tag)
42                     self._convert(root, child)
43                 elif isinstance(child, list):
44                     root = ElementTree.Element(tag)
45                     for item in child:
46                         root.append(self._convert(root, item))
47                 else:
48                     root = ElementTree.Element(tag)
49                     root.text = child
50
51         parent.addchild(root)
52
53         return root
54
55 if __name__ == '__main__':
56     root = ElementTree.Element('root')
57     converter = JsonToXML({'root': {'tag': 'child', 'value': 'value'}})
58     root = converter.convert({'root': {'tag': 'child', 'value': 'value'}})
59     print(root)
```

The screenshot shows the 'Infor ION API' interface. At the top, it says 'Available APIs / Add New API Suite' and has a 'Create New' button. Below that, it says 'Or select an API suite template' with a search bar. The main area is a grid of API suite templates, each with a logo, name, and brief description:

- ADP G2 API**: G2 API Enables Customer to Send File Data along with other required MetaData for Processing by GV System. File...
- AWS SQS**: Amazon Web Services Simple Queuing Service is a distributed message queuing service.
- Box**: Box, provides a single place to manage, secure, share and govern all of the content for your internal and external collaborati...
- CloudSuite Field Service**: CloudSuite Field Service
- CloudSuite Financials & ...**: Provides a next generation financial management and complete source-to-settle solution that gives you full visibility into y...
- DocuSign**: Send even your most important documents instantly and securely. And sign from anywhere in the world.
- Enterprise Quoting (CP...**: Visual product configurator and advanced quoting software
- Google Cloud Print**: Technology that allows you to print over the web from anywhere, including your phone, to any printer.
- IFS Service**: IFS Service
- Infor CloudSuite WMS** (Version:11.0): Infor CloudSuite WMS
- Infor Coleman AI Platform**: Infor Coleman AI Platform API to view and get predictions from a deployed endpoint.
- Infor CPQ Enterprise Co...**: Infor CPQ Enterprise Configurator provides the ability to easily integrate both Infor and third-party software applications in...
- Infor CRM**: Infor CRM is a flexible customer relationship management software solution embedded inside Outlook® & Gmail™
- Infor CRMCE**: Infor CRMCE
- Infor CSI** (Version:10.0): Infor CSI
- Infor CSI**: Infor CSI
- Infor d/EPM**: Make data a competitive advantage and empower your users to discern, analyze and take action with Infor's industry-drive...
- Infor Distribution SX.e**: Comprehensive ERP software providing core capabilities to address specific needs of the distribution industry and its micro...
- Infor EAM**: Infor EAM is the most configurable enterprise-grade asset management software on the market.
- Infor Expense Managem...** (Version:10.1): Expense Management ION-API
- Infor Global HR & Talent...**: A modern flexible human capital system to
- Infor GRC**: Infor GRC
- Infor HRSD**: Personalized knowledgebase portal and
- Infor IoT**: Infor IoT

# Internet Architecture

Standards based • loosely coupled • real-time • enterprise wide



# Infor OS: Data Fabric

## Duplicate Record Detection (DRD)

**Compass**

Run Query

```

1 SELECT
2   "Products"."productid",
3   "Products"."productname",
4   "Products"."variation",
5   "Products"."deleted",
6   "Products"."categoryid",
7   "Products"."unitprice",
8   "Products"."discontinued",
9   "Products"."quantityperunit",
10  "Products"."reorderlevel",
11  "Products"."supplierid",
12  "Products"."unitsinstock",
13  "Products"."unitsonorder"
14 FROM
15   "Products"
16

```

Results (77 rows in 5.4 seconds, on 11/21/2020 5:39 PM)

productid	productname	variation	deleted	categoryid	unitprice	discontinued	quantityperunit	reorderlevel
21	Sir Rodney's Scones	1	false	3	10.0000000000000000	false	24 pks. x 4 pieces	5
22	Gustaf's Knäckebröd	1	false	5	21.0000000000000000	false	24 - 500 g pks.	25
23	Tunnbröd	1	false	5	9.0000000000000000	false	12 - 250 g pks.	25
24	Guaraná Fantástica	1	false	1	4.5000000000000000	true	12 - 355 ml cans	0
25	NuNuCa Nuß-Nougat-Creme	1	false	3	14.0000000000000000	false	20 - 450 g glasses	30
26	Gumbär Gummibärchen	1	false	3	31.2300000000000000	false	100 - 250 g bags	0
27	Schoggi Schokolade	1	false	3	43.9000000000000000	false	100 - 100 g pieces	30
28	Rössle Sauerkraut	1	false	7	45.6000000000000000	true	25 - 825 g cans	0
29	Thüringer Rostbratwurst	1	false	6	123.7900000000000000	true	50 bags x 30 sausgs.	0
41	Jack's New England Clam Chowder	1	false	8	9.6500000000000000	false	12 - 12 oz cans	10
42	Singaporean Hokkien Fried Mee	1	false	5	14.0000000000000000	true	32 - 1 kg pks.	0
43	Ipoh Coffee	1	false	1	46.0000000000000000	false	16 - 500 g tins	25
44	Gula Malacca	1	false	2	19.4500000000000000	false	20 - 2 kg bags	15

**Infor M3**

Customer. Open

Customer: DL-DRD018

Contact Details

Name: Skaboo

Address: 9 Cascade Point, New York City, New York City NY 10115, United States

Status: 10-Preliminary

Customer type: 0-Normal

Search key: SHOP

Our suppl no:

Similar Records: 4

0-Normal / 10-Preliminary / DL-DRD001

Name: Skaboo

Address Line 1: 9 Cascade Point

Address Line 2: New York City

Postal code: 10115

State: New York

Country: United States

Customer type: 0-normal

Telephone no 1: 651-599-4901

Telephone no 2: 812-715-5789

DUPLICATE DETECTION

NEXT

2 / 4



**infor d/EPM**

Product	Region	2005	2006	2007	2008	2009	2010	2011	2012
All Tires	All Regions	27 942 279	30 225 034	32 108 048	42 092 175	46 813 483	36 951 360	45 549 892	42 416 464
	Africa	6 234 811	7 344 100	7 900 000	8 092 463	9 404 076	8 104 974	8 611 807	9 111 807
	Asia	9 213 712	11 551 896	11 488 208	13 428 713	14 911 438	14 350 939	15 488 330	17 111 807
	Australia/Pacific	796 087	844 730	760 400	1 182 963	1 625 453	1 507 963	1 627 026	1 111 807

# Infor OS: Coleman AI Platform & Embedded AI

The screenshot displays the Infor OS interface with two main components:

- Workflow Diagram (Left):** A visual representation of a data pipeline. It starts with an 'Import Data' step, followed by 'Execute SQL', 'Balance Data', and 'XGBoost' steps, all connected by arrows indicating the flow of data.
- Customer Order Details (Right):** A detailed view of a customer order. It includes:
  - Panel Header:** Customer: CSD0000011 (Bandit Industries Inc), CO no: 4003116035, CO type: SHB DO NOT USE.
  - Order Lines Table:**

Line	Sf	Item number	Name	Site	Ordered Quantity...	Unit of Measure...	Net price	Spqty	Arrival Date	P	Line Status	Line Type	Line amt	Supplier
1		Y90050	Configured Windows & Doors CPQ	001 - Delivered from RDC	1	EA			200326		Reserved	0 - From Stock		
  - Related Items [UpSell]:**
    - 3214285 - \$6.80 - Lamb Leg CKT ABO
    - MLH32TP - \$33.00 - 32 oz. Plumb Finish Hammer
    - Y90051 - \$0.00 - Configured Doors CPQ
    - Y90048 - \$0.00 - Configured Bike (Limited)
  - Related Items [CrossSell]:**
    - C532DN - \$294.00 - C532DN A4 Colour Printer
    - 26-10000512 - \$1.07 - Sollysta 1-Gang Moulded 46mm
    - 26-FM00001 - \$34.99 - Kodak Portra 400 Prof 120
    - 49-5-00001 - \$1500.00 - Bezzera BZ16
  - Coleman Discount Prediction:** A widget showing a predicted discount of **17,56%** for the item 'Configured Windows & Doors CPQ (Y90050)'.

Coleman AI Widgets

Up-Sell Recommendation

Cross-Sell Recommendation

Discount Recommendation

# Infor OS: Mongoose Low Code Extensibility

**Mongoose Form Builder**  
Form Properties

Enter A Name For This Form: Customers  
Select an ID# to use with this form: [ ]

Select A Form Type: Full Form (Full form, build from scratch) / Non-Data (STRING(S)(NonData)) / Widgets (Widget sized form that all...)

Select up to 20 Properties to include in your form:

Available Properties:

- CreateDate
- CreatedBy
- CustomerNo
- InWorkflow
- NoteExistsF
- PricelistNo
- RatingImag
- RecordDate
- RowPointer

Select a Layout:

- Responsive: Form that is fully responsive in web, tablet, and mobile
- Responsive - Navigation: STRING(S)(ResponsiveNavigation)
- Responsive - Nav & Menu: STRING(S)(ResponsiveNavMenu)
- Responsive - Nav, Menu & Actions: STRING(S)(ResponsiveNavMenuActions)
- Responsive Grid: STRING(S)(ResponsiveGrid)
- Responsive List: STRING(S)(ResponsiveList)
- Responsive List - Icon

Buttons: Back, Next



Mongoose

Start Typing

Paul Horne | STARGATE\_MONGOOSE\_DEM\_DEFAULT

Form Builder Form With Grid

ID	Customer Name
1	Listo Software Group
2	Asset Management Inc
3	Alpha Z Distributing
4	ION Company
5	Nordstrom
6	NYC Parks & Rec
7	Belimerge Software Group
8	Barclays

### Customers

General | Additional

CustNum: 3  
State: Tennessee

Name: Listo Software Group  
Postal: 37214

Addr1: 4172 Longfellow Dr  
Phone: (506) 921-5252

Addr2: [ ]  
PricelistNo: 456

City: Nashville  
CreditLimit: 200,000.00

Buttons: ADD, SAVE

# Infor OS: (Embedded) Risk & Compliance

Business Process Owner Edit

### Violation Count

34  
High

17  
Medium

28  
Low

0  
Informational

### Violation Summary

User Violation

User	High	Medium	Low	Informational
mlaver...	5	2	5	0
gemma...	5	2	5	0
adan0k...	3	2	2	0
jboyde...	3	2	2	0
a.symo...	3	2	2	0
bbenni...	1	1	1	0
m.wood...	1	1	1	0
vdunto...	1	1	1	0
elsie...	1	1	1	0
NSEN9@...	3	0	0	0

### Violation Count per Rule

Total Violations: 79

- Authorize Purchase of Fixed Assets versus ... 5
- Infor\_CloudSuite Financials\_AI\_Financial Accounting and G... 5
- Create Maintain Fixed Asset Record versus... 5
- Infor\_CloudSuite Financials\_AI\_Financial Accounting and G... 1
- Create Maintain Fixed Asset Record versus... 1
- Infor\_CloudSuite Financials\_AI\_Financial Accounting and G... 1
- Create Maintain Purchase Orders ve...

### Violation Trend

Daily

Day	Open	Closed
Monday	5	0
Tuesday	5	0
Wednesday	5	0
Thursday	5	0
Friday	34	0

### Infor GRC Monitored Application

- Cloud Suite Financial CL
- Infor GRC GR
- Document Management MA
- ION Desk - Business Rules IO
- ION Desk DE
- Infor Chat CH

### Infor GRC Reports

- Violation Remediation Det... 3/22/19, 6:45 PM
- Violation Remediation Details 3/21/19, 6:45 PM
- Violation Remediation Details 3/20/19, 6:45 PM
- Violation Remediation Details 3/19/19, 6:45 PM

←
SCA000244

Home / Monitor / Violations / SCA000244

📧 📄 🔗 💬 📄

Violating Object: SCA000244

Rule: Large Payments made in last 60 days Rule Priority: High

Data Source: ION PI

Reasons: 1 Expression Value: NA

Amount: \$60000 % Match: NA

Reviewer: Kishor.dhumal@infor.com

Infor OS
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# Infor OS<sup>®</sup>

“ENTERPRISE APPLICATION PLATFORM WITH SHARED SERVICES”

## USER EXPERIENCE

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

## SECURITY

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

## INTEGRATION

Process Integration  
Activity Monitoring  
Workflow  
API Gateway  
Orchestration  
Scripting  
Graphical Mapping

## SHARED APPS

Activity Feed  
Central Inbox  
User-defined Workflows  
Workflow Viewer  
Search  
Statistics  
User-defined Alerts (Alarms)

## DATA FABRIC\*

Data Lake  
Data Catalog  
Data Services APIs  
Data Pipelines  
Archiving  
Duplicate Record Detection

## COLEMAN A.I.\*

Digital Assistant  
Automated Skills  
Contextual AI  
AI Platform  
AI Apps

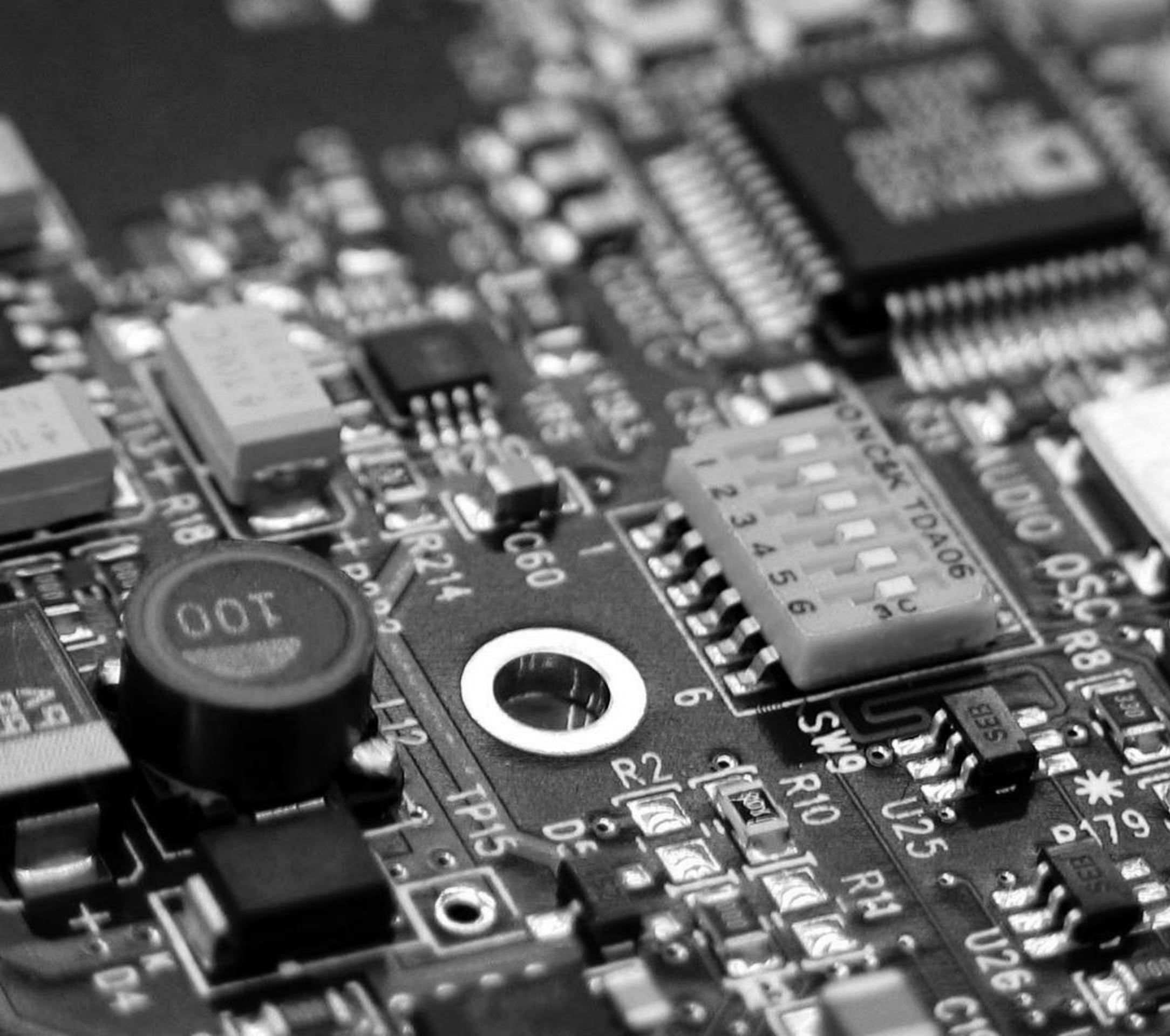
## APP. DEVELOPMENT

(Cloud) Dev Framework  
Composite Apps  
Soho UX Library  
Reports  
Extensibility  
Widgets

## RISK & COMPLIANCE\*

Segregation of Duties (SOD)  
Sensitive Access Risks  
Process Insights  
Configuration Insights  
What-if Scenarios

\*Multitenant Cloud Only; in red capabilities included in the cloudsuite subscription, in green add-ons;

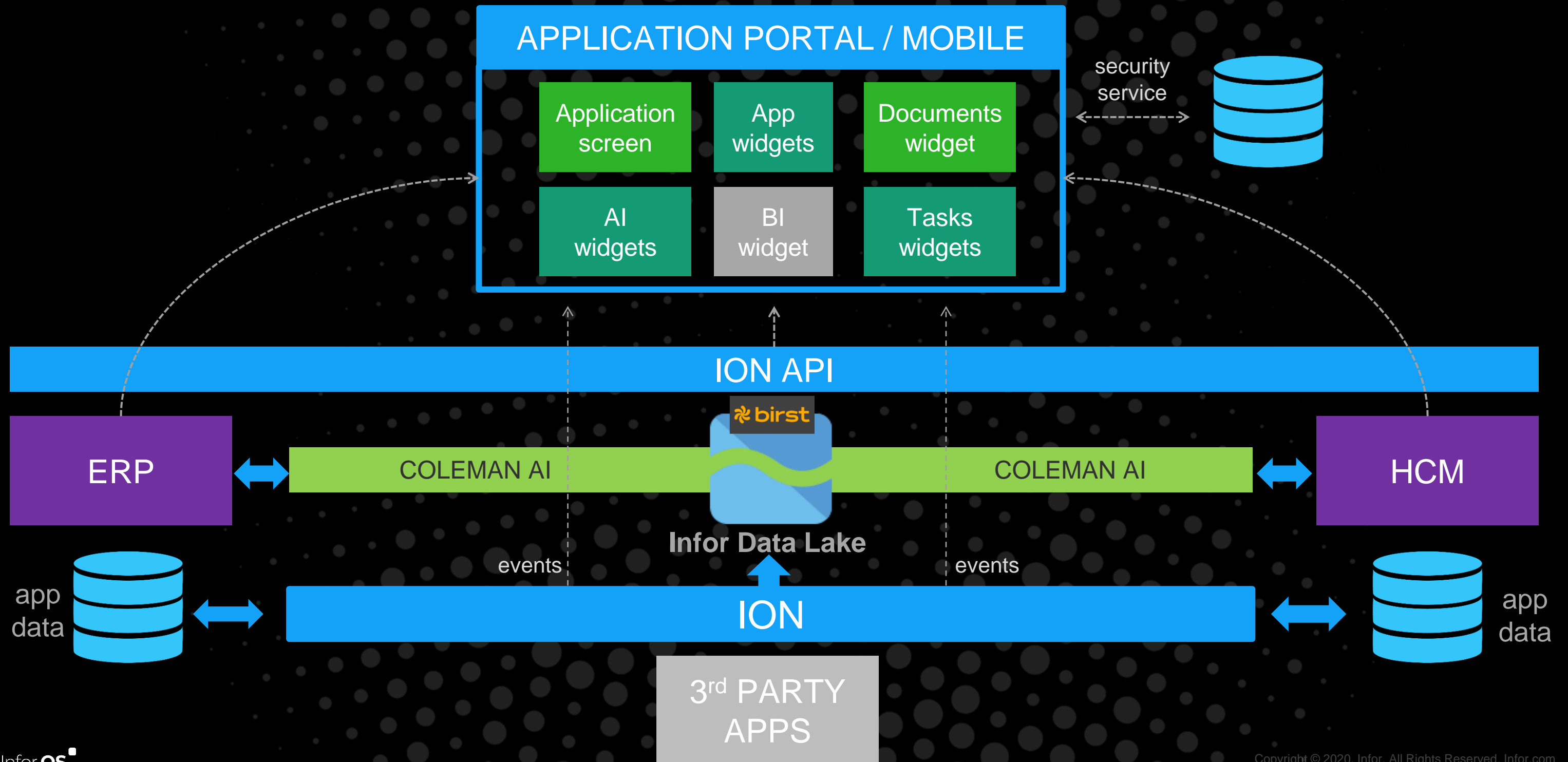


# How it works

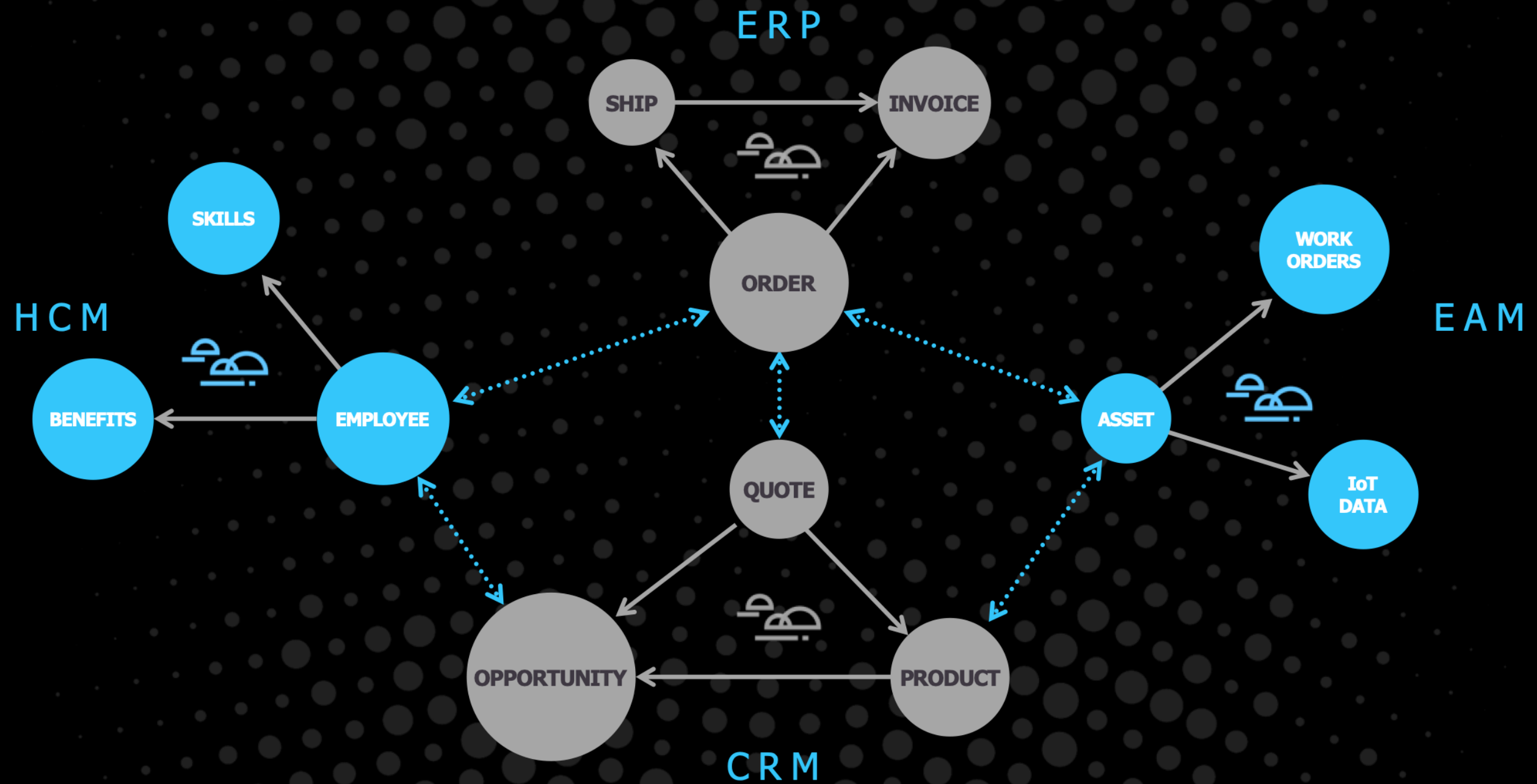
Infor **OS**<sup>®</sup>

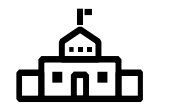


# How Infor OS wires business applications (solutions composition)



# Connection of business domains (Network Graph)





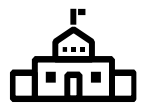
### Sources

 CloudSuite

 API

 3<sup>rd</sup> Party

 IoT Historian



### Ingest & Enrich

 Infor ION

IMS

Scripting

File

Mapping

AnySQL

Workflow

API Gateway

Bulk API

Streaming API



### Operationalize

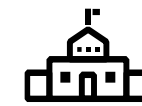
 Data Lake

Compass SQL

Streaming  
Pipelines

Batch  
Pipelines

DWaaS



### Extend & Analyze

 Domain

Coleman  
AI/ML

Mongoose

d/EPM

GRC

A&M

Birst

 Extend

Infor Go

Stratus

Home  
Pages

Data Quality

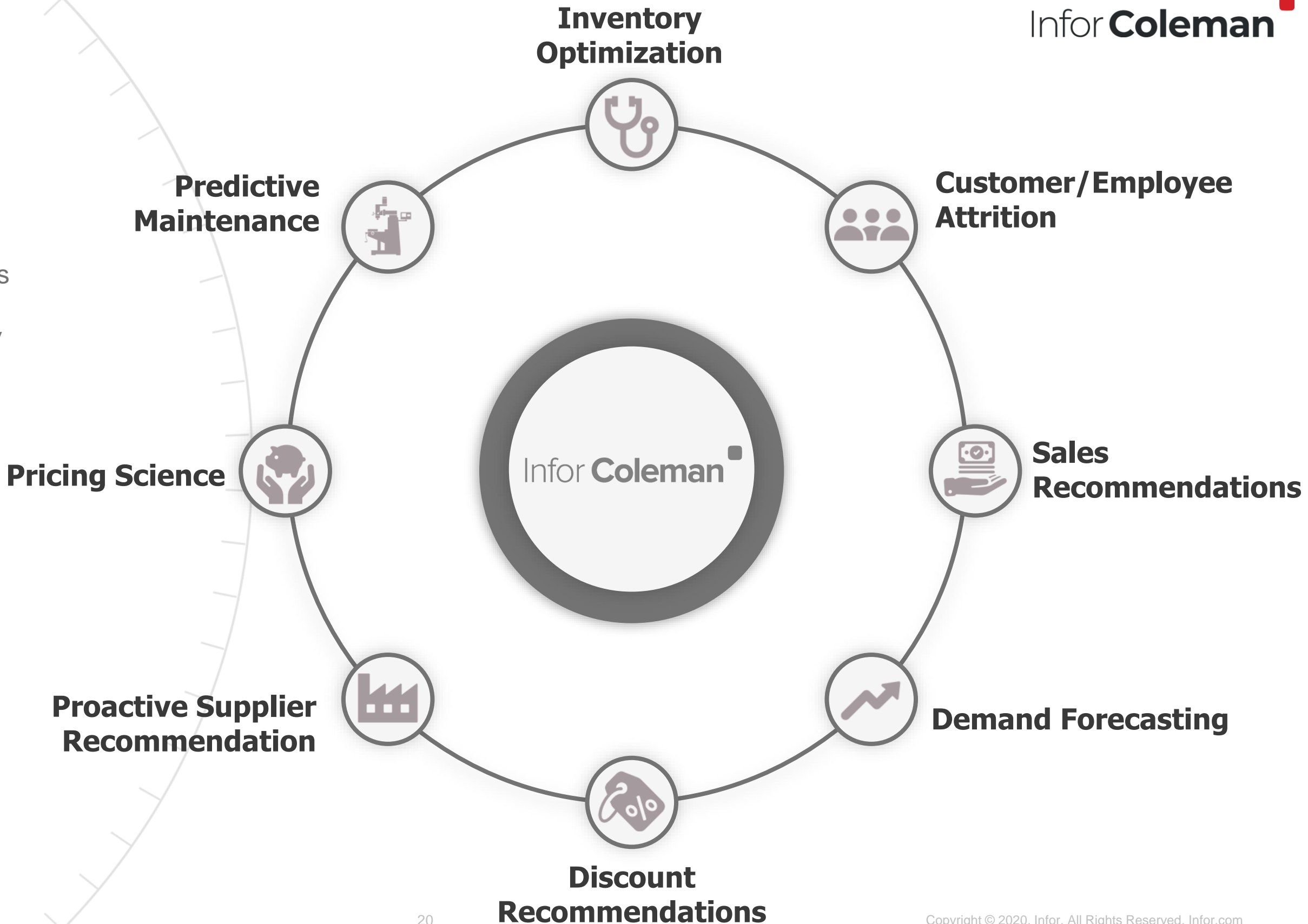
INFOR OS + COLEMAN ML

# ML Catalog

Common infrastructure and access to application data and schemas allows Infor the unique opportunity to create **repeatable ML experiences** across all industries, creating a library of solutions.

Today: bring your own algorithm (BYOA)

Future: importer and external orchestration; host complete models



# “A.I. IS AT THE CORE TO NEXT GEN APP ARCHITECTURE”

Therefore, a complete orchestration of connected technology is needed to execute.



# Applied ML in Business

## Vendor Science

- Vendor Performance (PQQ Index)
- Contract Management

## Anomalies in Finance

- AP Invoices
- Period-end Balances
- Invoice Approval Process

## Common

- Duplicate Detection (Key Attributes)
- Pattern Recognition (Order/Ship/Payment...)

## Predictive Maintenance

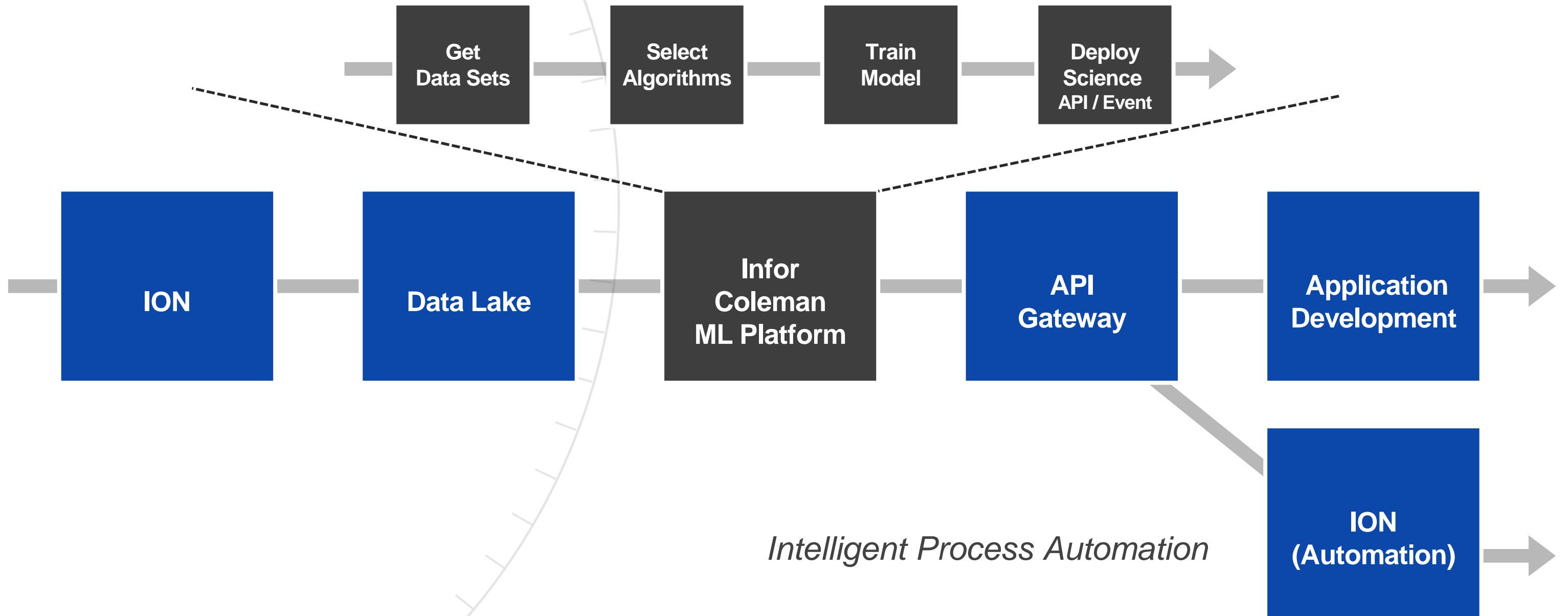
- Predict Part Time to Failure
- Predict Alternate Spare Parts
- Predict Spare Part Inventory

## Customer Science

- Customer Segmentation (Order Amnt)
- Price/Discount Recommender
- Product Recommender

# Infor Coleman

MACHINE LEARNING PLATFORM



*Intelligent Process Automation*

Open-ecosystem for partnered innovation





# Agenda

01

Platform Overview

02

New Innovations

03

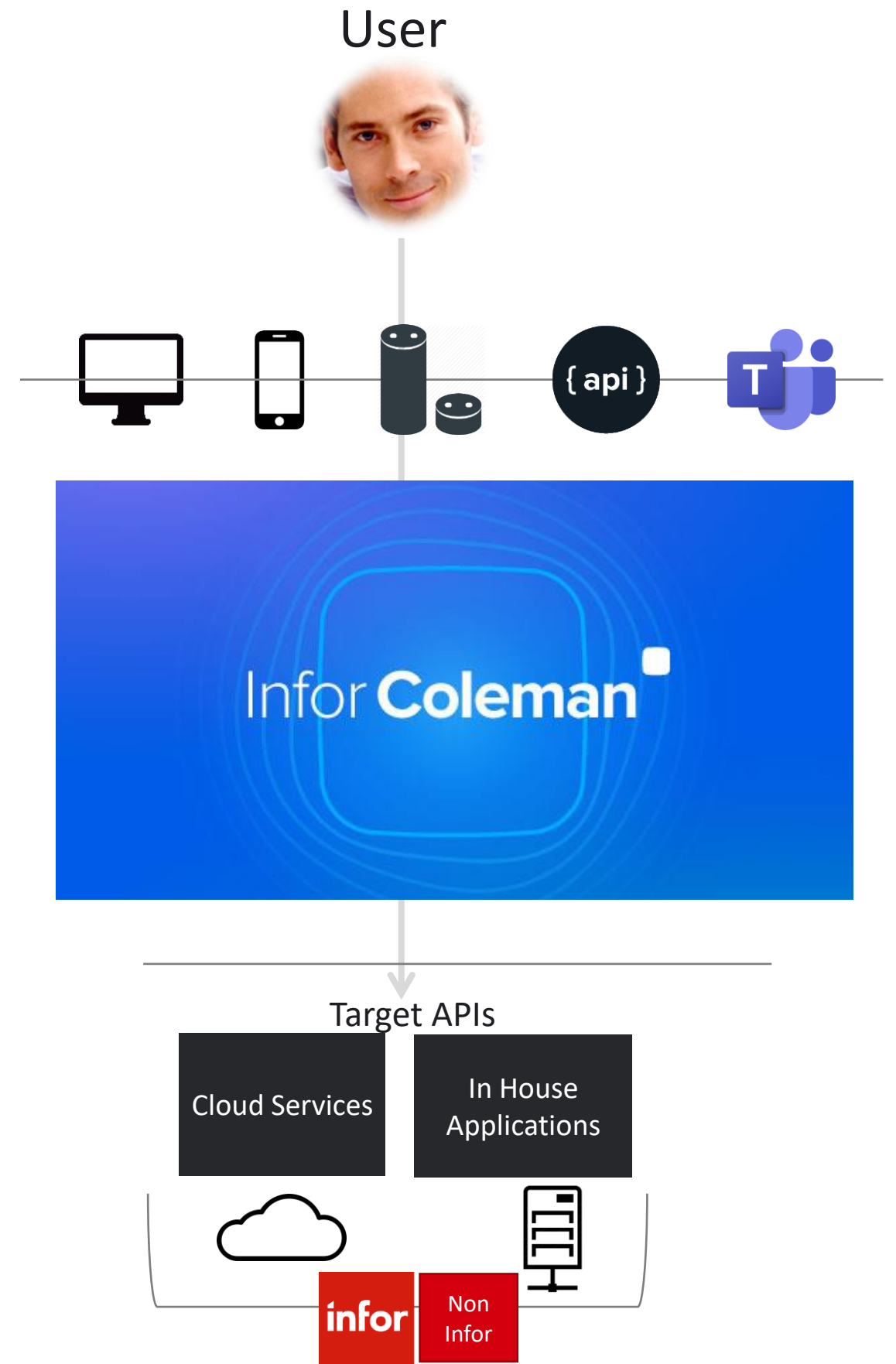
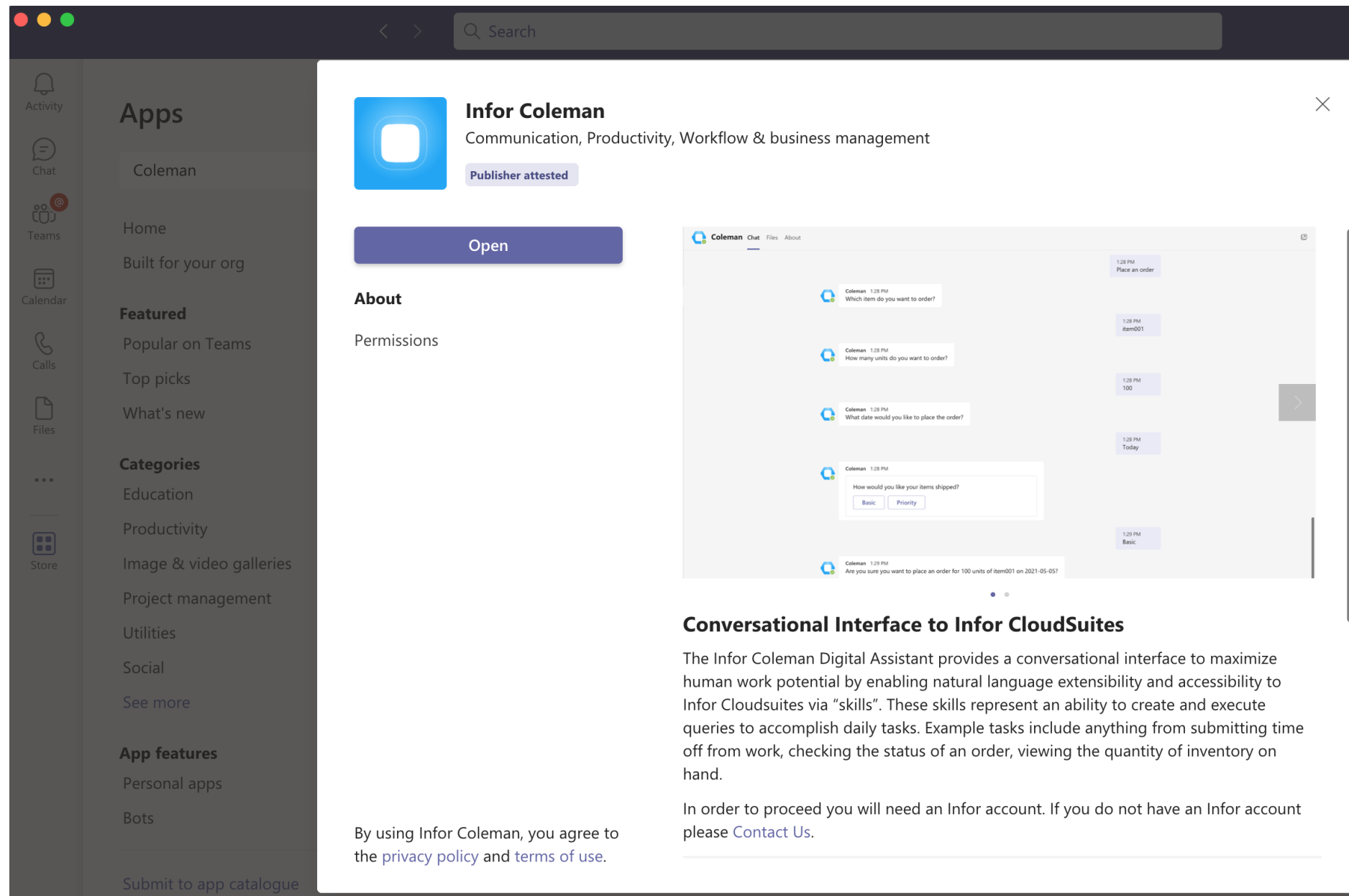
Roadmap

04

Q&A

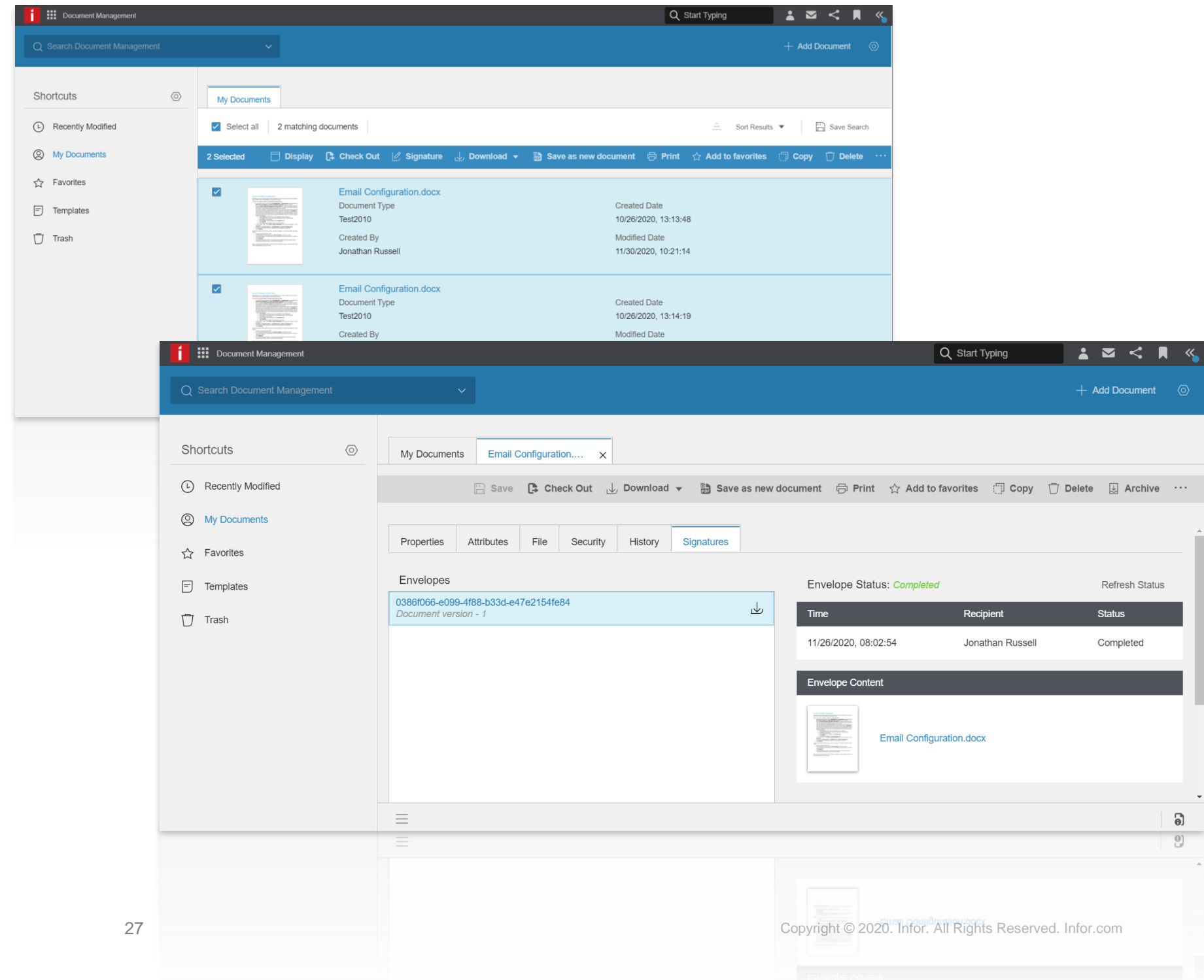
# Coleman DA Teams App

- Coleman Digital Assistant app available in MS Teams app store
- Build skills once; Access from anywhere – Portal, Mobile, Alexa and **Teams**

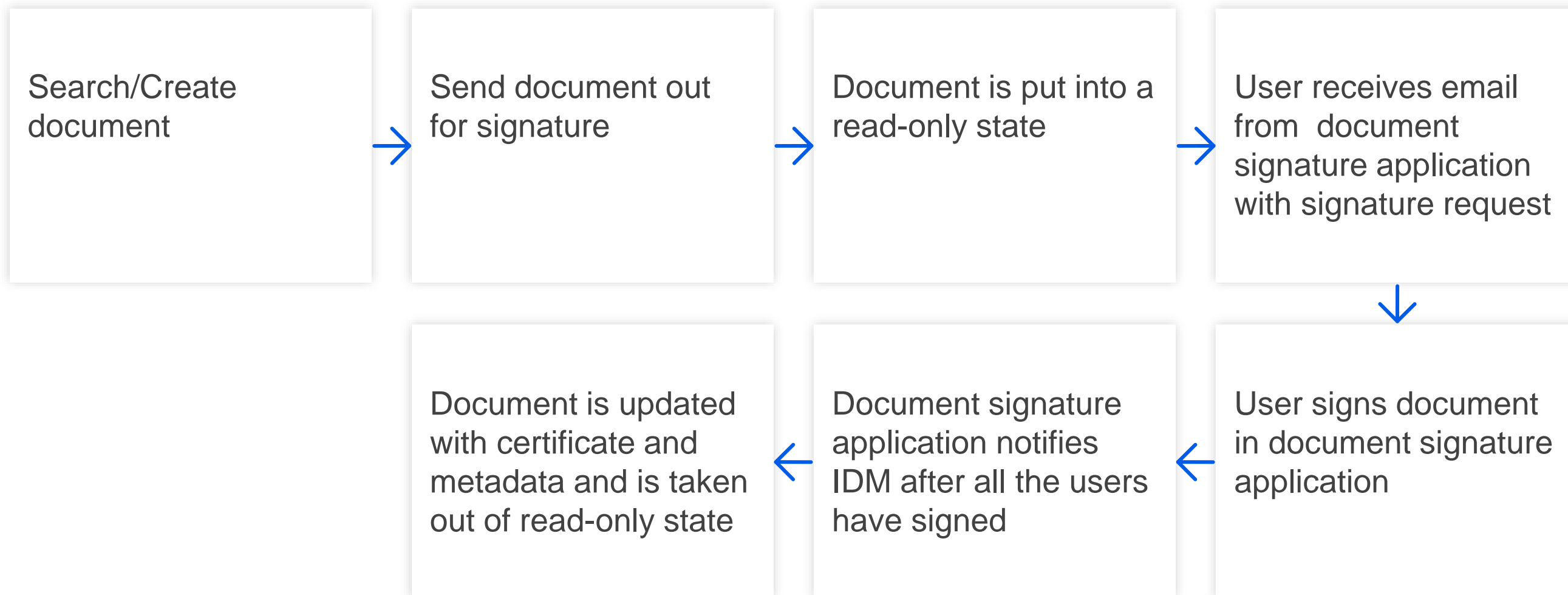
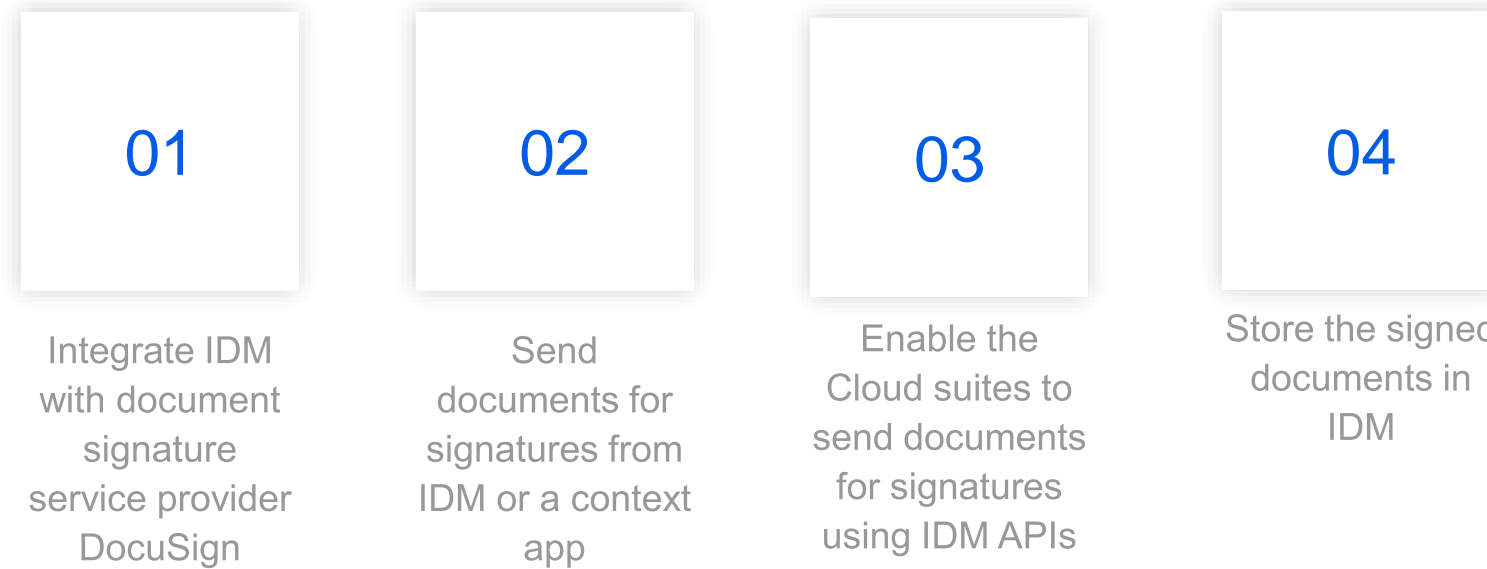


## Electronic Document Signature Connectors

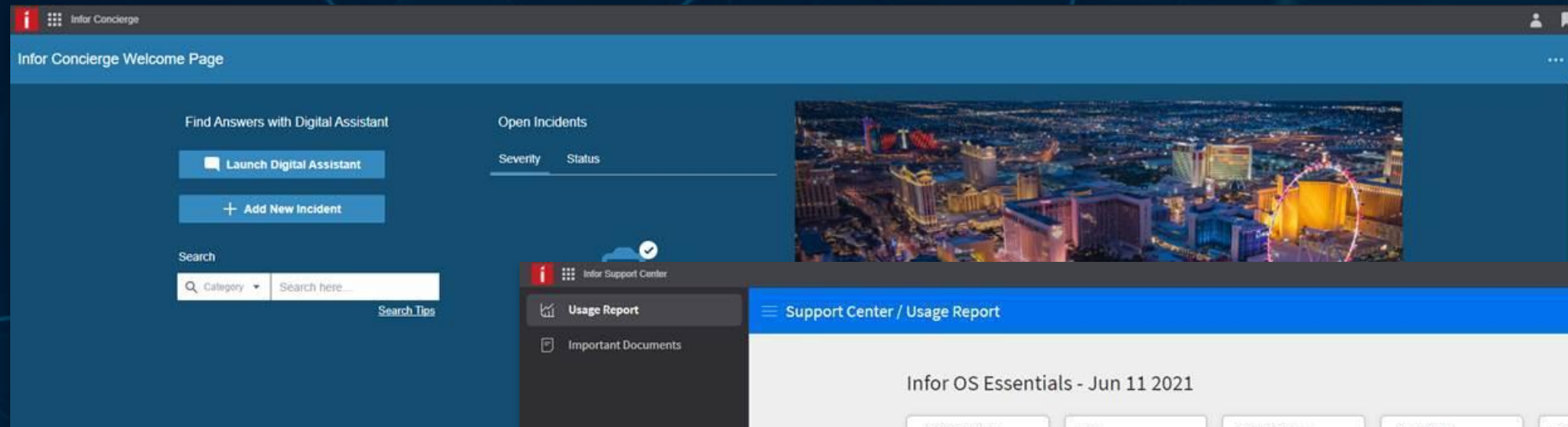
- Integration with market-leading electronic document signature service provider DocuSign
- User can send documents for signatures directly from the Infor OS document repository or via the Related Information contextual application
- Signed documents and certificates stored within Infor OS for future reference



# DocuSign Integration



# Customer Experience – Tracking usage



Infor Concierge Welcome Page

Find Answers with Digital Assistant

Launch Digital Assistant

Add New Incident

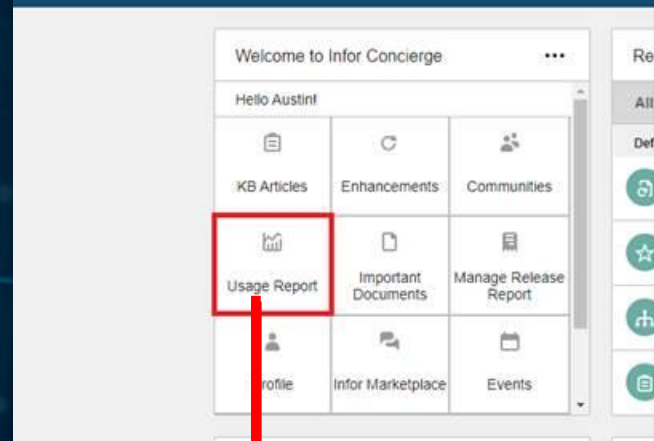
Open Incidents

Severity Status

Search

Category Search here...

Search Tips



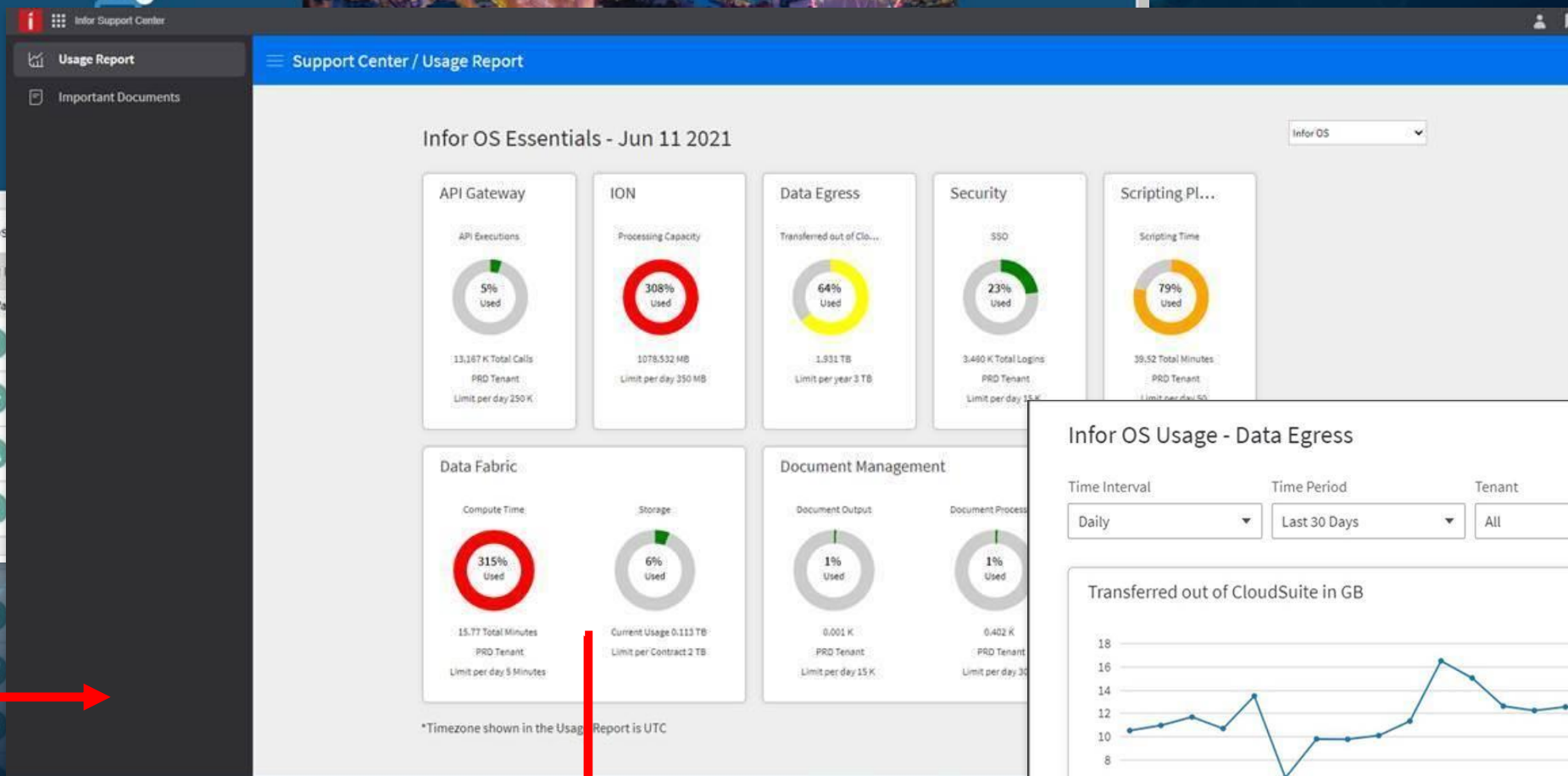
Welcome to Infor Concierge

Hello Austin!

KB Articles Enhancements Communities

Usage Report Important Documents Manage Release Report

Profile Infor Marketplace Events



Infor Support Center

Usage Report

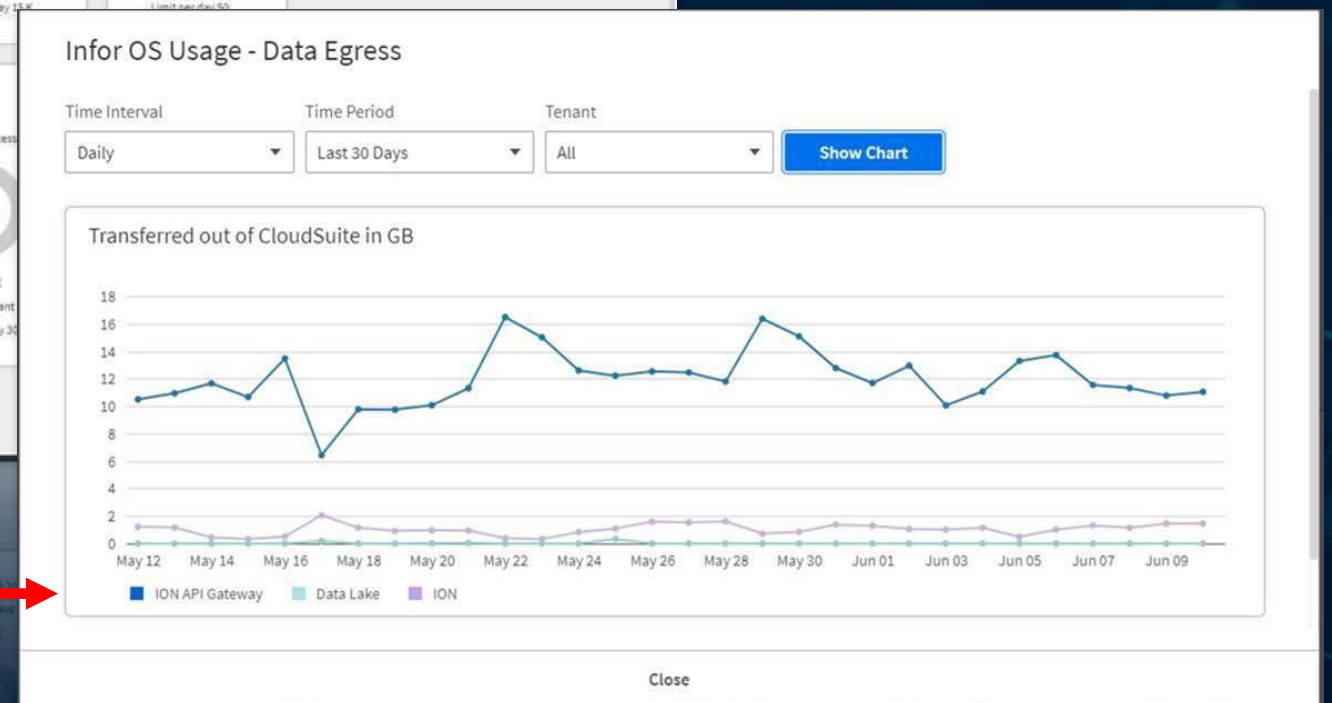
Support Center / Usage Report

Infor OS Essentials - Jun 11 2021

API Gateway ION Data Egress Security Scripting PI...

Data Fabric Document Management

\*Timezone shown in the Usage Report is UTC

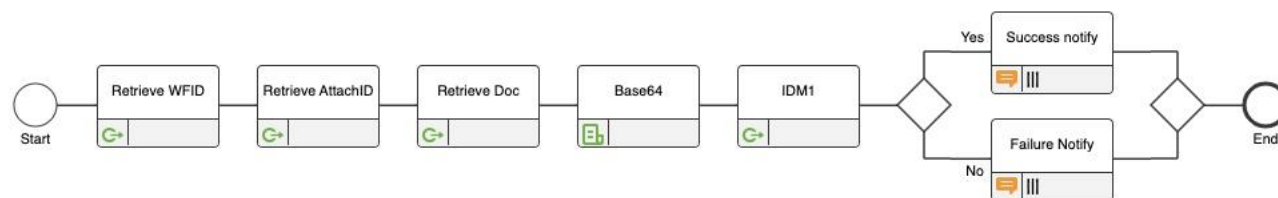


# API Orchestration

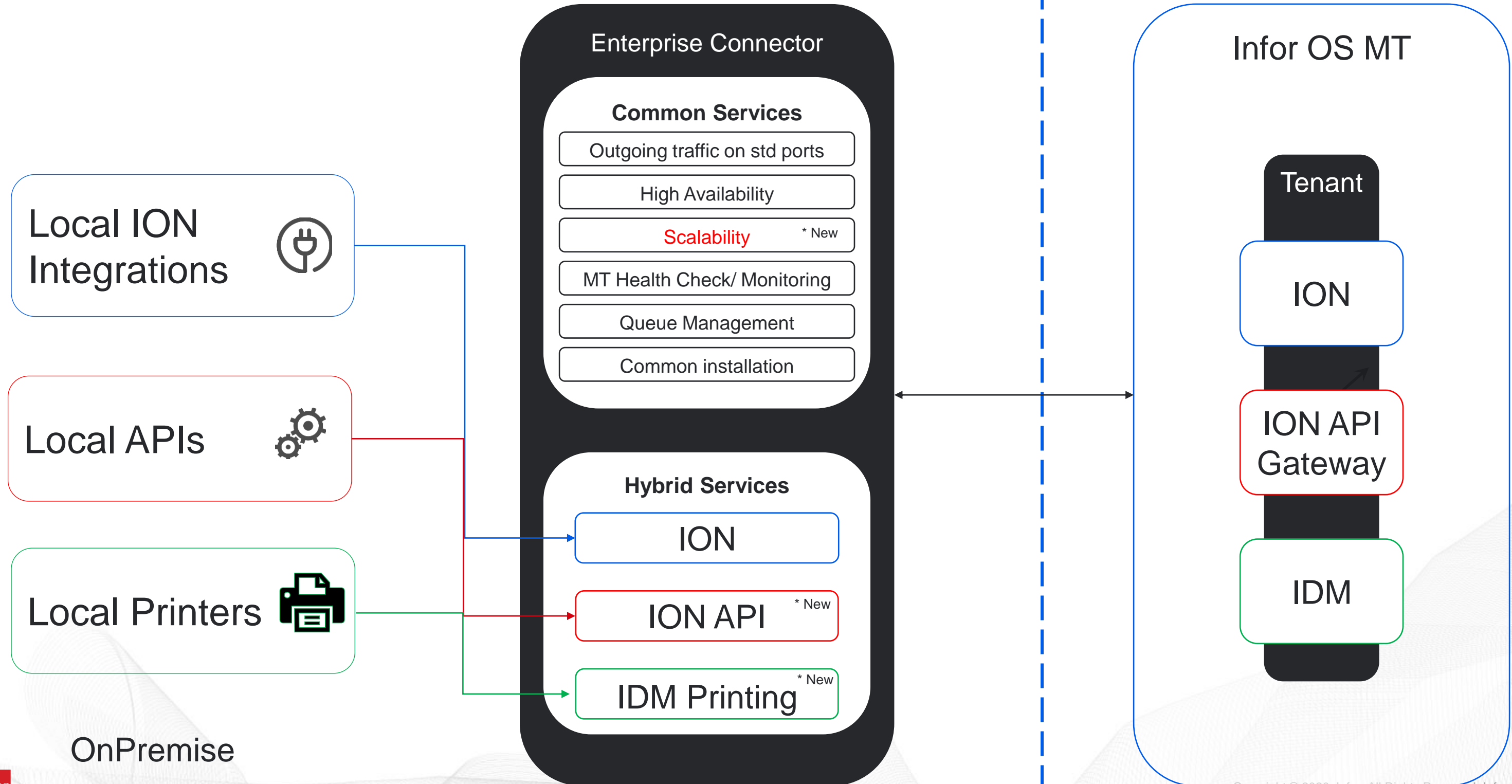
*The ION API Orchestration is a new feature that allows for the chaining together of API calls.*

You can orchestrate a sequence of APIs, together with logical elements, as an **API Flow** in ION.

This allows for high level business functions to occur in one fully synchronous call, rather than multiple individual API calls.

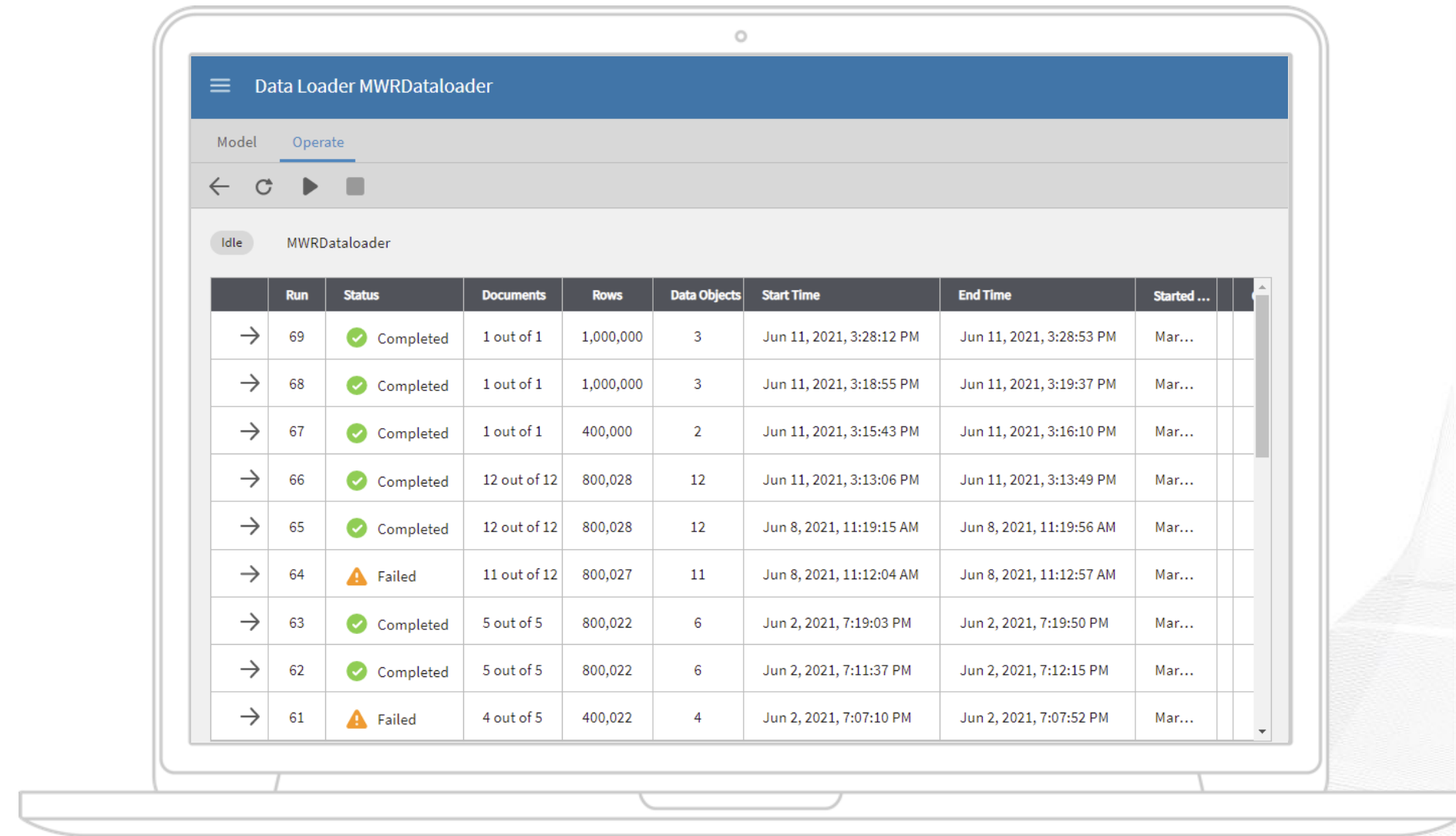


# ION API & IDM Print Hybrid Services



# Data Loader

- The Data Loader is offering possibility to select many tables and upload all columns to Data Lake.
- Provides the easy way to upload data from a customer database into Data Lake.
- Useful when you want to upload many tables at once directly to the Data Lake.



**Licensing Tier**  
Infor OS Essentials

**Feature Toggle**  
Preview feature



# Batch Production Quest

## Description

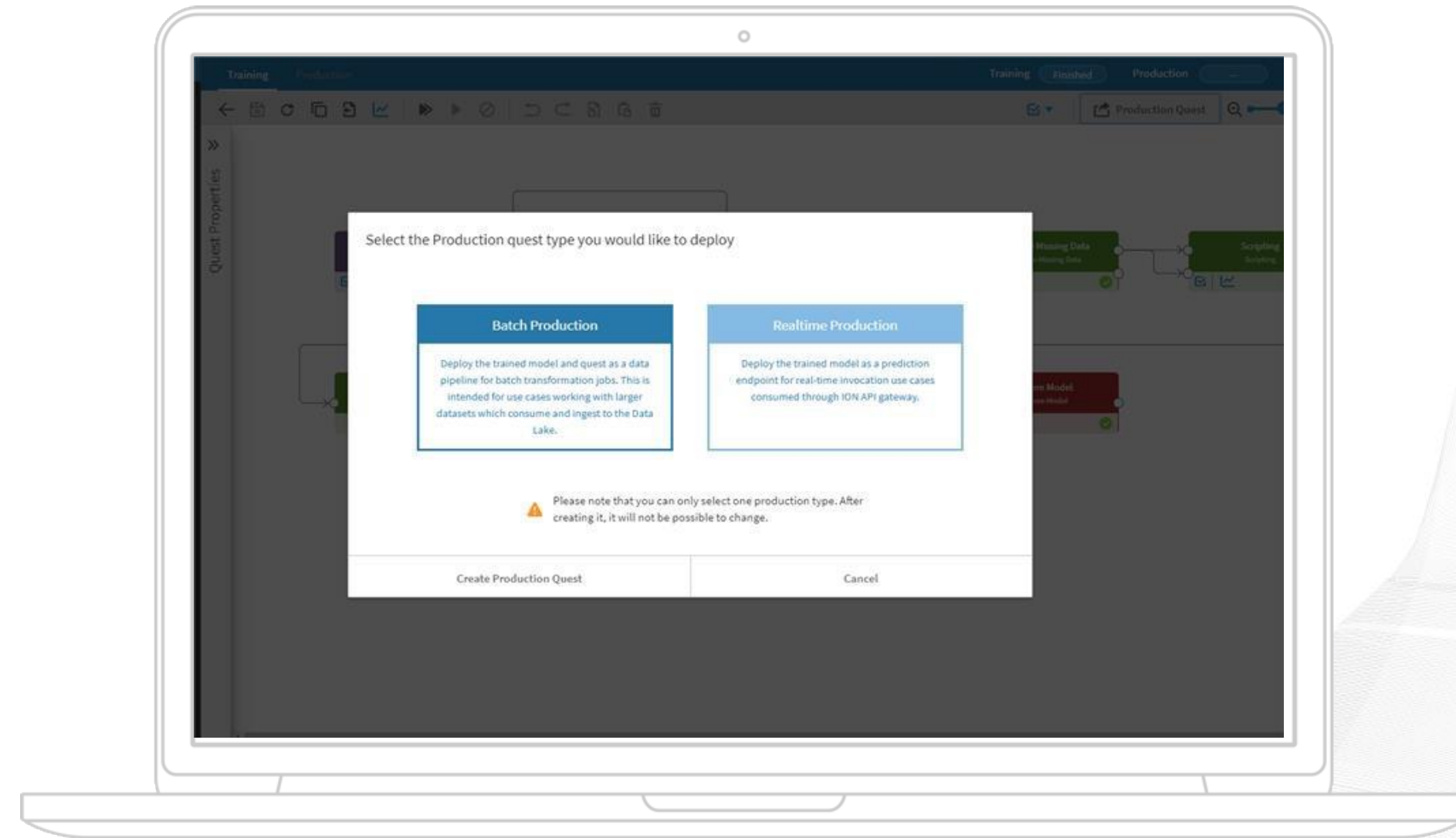
- A new type of production quest, intended for processing larger volumes of data in batches to obtain the scoring results, when predictions are not expected to be returned real-time.

## Benefit/Value-to-Customer

- The predictions can be run in a batch mode, with data from datalake and update the results to Datalake

## Use Case

- This type of Production mainly applies to time-series forecasting use cases working with larger datasets that consume input data from the Data Lake and ingest the results back to the Data Lake.



**Licensing Tier**

Infor Coleman

**Feature Toggle**

Automatic

# Agenda

01

Platform Overview

02

Recent Innovations

03

Roadmap

04

Q&A

# Disclaimer

This presentation reflects the direction Infor may take with regard to the products or services described herein, all of which is subject to change without notice. This presentation is not a commitment to you in any way and you should not rely on any content herein in making any decision.

Infor is not committing to develop or deliver any specified enhancement, upgrade, product, service or functionality, even if such is described herein. Many factors can affect Infor's product development plans and the nature, content and timing of future product releases, all of which remain in the sole discretion of Infor. This presentation, in whole or in part, may not be incorporated into any agreement. Infor expressly disclaims any liability with respect to this presentation.

Portal Demo (ERP Emulator)


### Suppliers Workspace

**Ongoing Maintenance**


- Nikkor 18-200mm**  
Item #06003  
Part #3 has low inventory level  
10/11/2020
- Sony FE 50mm f/1,8**  
Item #03091  
Recent changes to order volume  
10/11/2020
- Canon 24-105mm EF**  
Item #02769  
Recent changes to order volume  
10/11/2020
- Macro Lens 120mm**  
Item #38502  
Production is running on time  
10/11/2020
- Sigma 24-105mm f/4**  
Item #19482  
Production is running on time  
10/11/2020

**Item #06003**  
Part #3 has low inventory level  
Current Orders: 276  
Key Customer: [Z-pan](#)  
Supply Volume: High

**Nikkor 18-200mm**  
Zeiss 34x4 Zoom #231122



**Order History**



**Item Information**

SKU	Model	MPN	Mount type
581076211491	0570C002	02006	M

Part Number: 581076211491 | Brand: Zeiss | Supplier: Zeiss | Used With: Nikon

**My Widgets**

**Task List**

- Approval for Product Manager 06/02/2021 07:16 AM HIGH PRIORITY
- Approval for Product Manager 04/30/2021 07:05 AM HIGH PRIORITY
- Approval for Business Analyst 04/30/2021 07:02 AM HIGH PRIORITY
- Please review invoice 45678 for Massimo. 02/26/2019 06:10 PM
- Please authorize unblocking of Sales Order ... 09/26/2018 07:00 PM
- HR Case 547 has Requested Review. Open... 09/26/2018 12:18 PM OVERDUE 09/27/2018 06:18 PM ESCALATED (1)
- Please authorize Journal 1232463 for H&F Cons... 09/26/2018 11:58 AM
- Please authorize Journal 7246311 for Clean... 09/26/2018 11:00 AM
- Please authorize unblocking of Sales Order ... 09/26/2018 10:00 AM
- Please authorize Purchase Order 16334234... 09/25/2018 03:46 PM

*in-context*

Portal Demo (ERP Emulator)


### Suppliers Workspace

**Ongoing Maintenance**

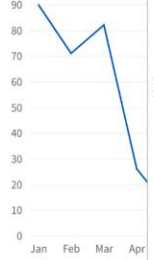
- Nikkor 18-200mm**  
Item #06003  
Part #3 has low inventory level  
10/11/2020
- Sony FE 50mm f/1,8**  
Item #03091  
Recent changes to order volume  
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**Nikkor 18-200mm**  
Zeiss 34x4 Zoom #231122



**Order History**



**Item Information**

SKU	Model	MPN
581076211491	0570C002	02006

Part Number: 581076211491 | Brand: Zeiss | Supplier: Zeiss

**My Widgets**

**Task List**

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- Please authorize Journal 7246311 for Clean... 09/26/2018 11:00 AM
- Please authorize unblocking of Sales Order ... 09/26/2018 10:00 AM
- Please authorize Purchase Order 16334234... 09/25/2018 03:46 PM

**Notification List**

- Position for Business Analyst has been approved 05/04/2021 08:03 AM
- Position for Mobile Engineer has been approved 05/04/2021 08:03 AM
- Position for Product Manager has been rejected 04/28/2021 09:05 AM
- GHR-34HY6 has been approved 04/28/2021 07:48 AM
- Potential backorder situation detected, please s... 10/05/2020 03:56 AM

**Task Status**

All Users | All Sources

**199 Open Now**

New: 88 | Assigned: 84 | Unassigned: 27

894 Total Tasks Generated

341 Canceled | 354 Completed

*split-screen*

Portal Demo (ERP Emulator)

**My Widgets**

**Task List**

- Approval for Product Manager 06/02/2021 07:16 AM HIGH PRIORITY
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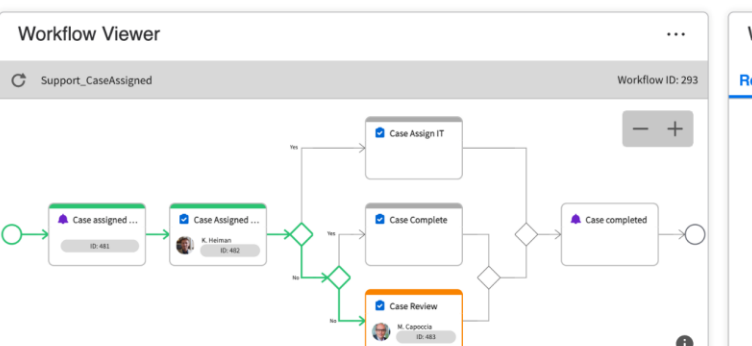
341 Canceled | 354 Completed

**Alert List**

- Asset AIRCO2021 has been deployed 04/30/2021 07:08 AM
- Asset SENSOR1 has been deployed 04/28/2021 09:44 AM
- Credit Limit changed for CUS1265201 09/27/2018 03:00 AM
- Sales Order delivery missed; Review 300000215 09/27/2018 02:00 AM
- Production Order reported complete (short); Ch... 09/27/2018 01:00 AM

**Workflow Viewer**

Support\_CaseAssigned | Workflow ID: 293



**What's New**

Release Information | Test Results

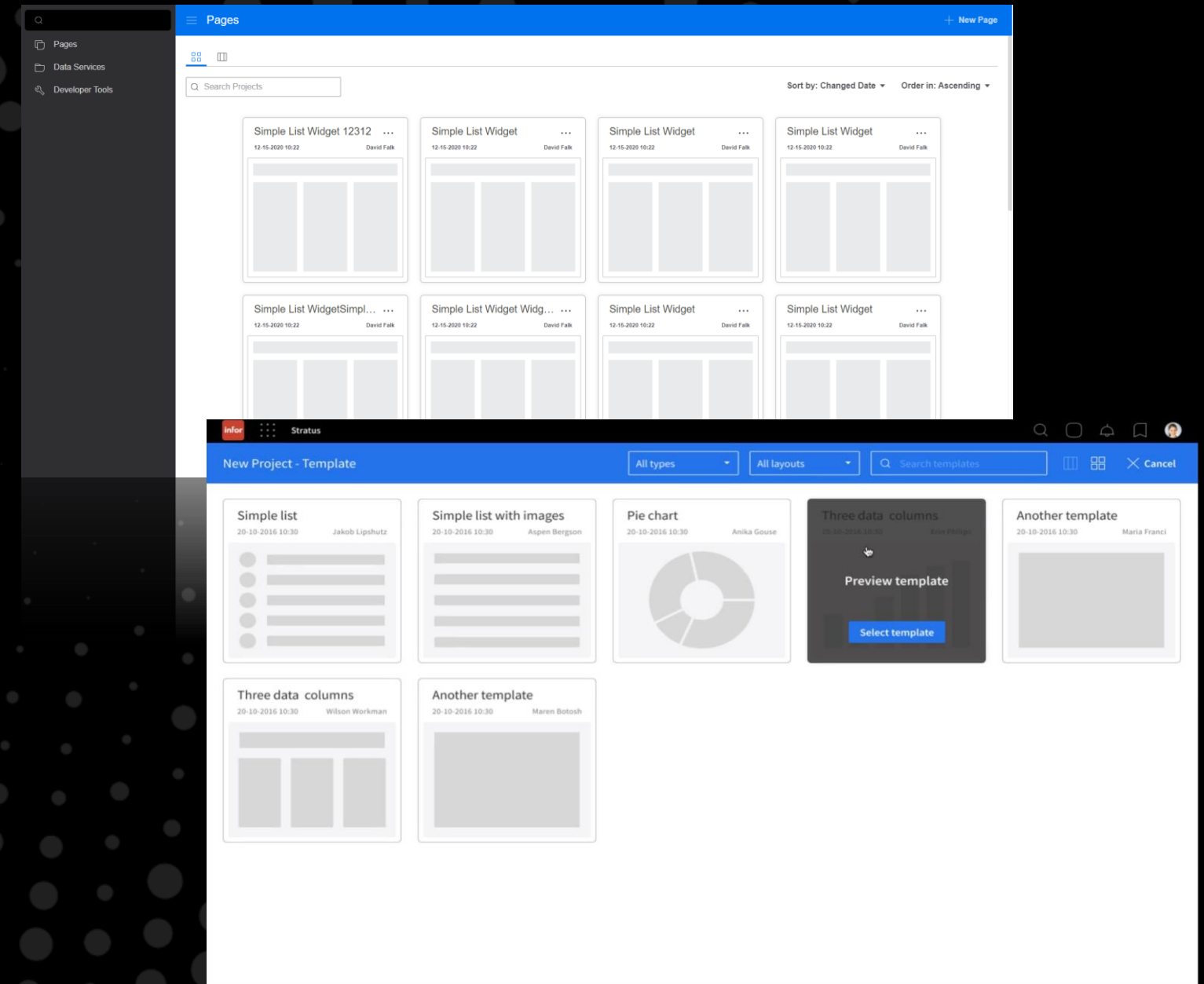
*workspace*

# Portal 2.0

# Foundations of Infor Stratus – Next Gen Low Code

New Application framework purpose built for the new Infor OS portal

- ✓ Taking the best concepts of what was done in the past from various frameworks
- ✓ Cloud only availability to ensure maximum benefit and stability for our cloud customers
- ✓ Low Code approach to provide consistency of design regardless of skillset
- ✓ First release will focus on providing Homepage Widgets and Contextual Applications
- ✓ Future phases will expand the capabilities to allow developers to create complex ERP solutions



# Backend as a Service



ION API BaaS

**Helps customers to define a solution and enable their API Economy**



**Build Micro services**



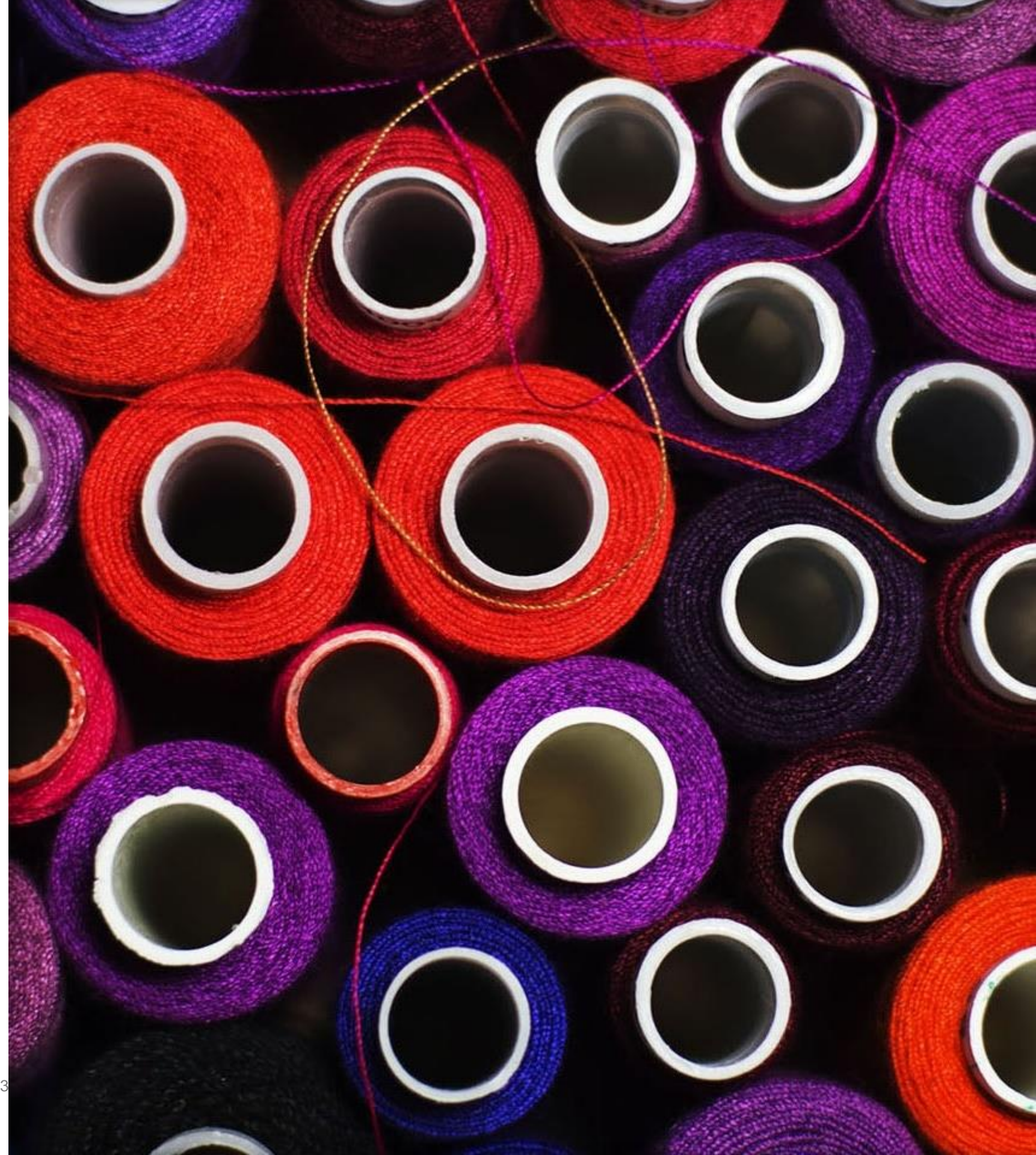
**Build event driven functions (FaaS) and expose them as APIs (BaaS)**



**Serverless, scalable Architecture**



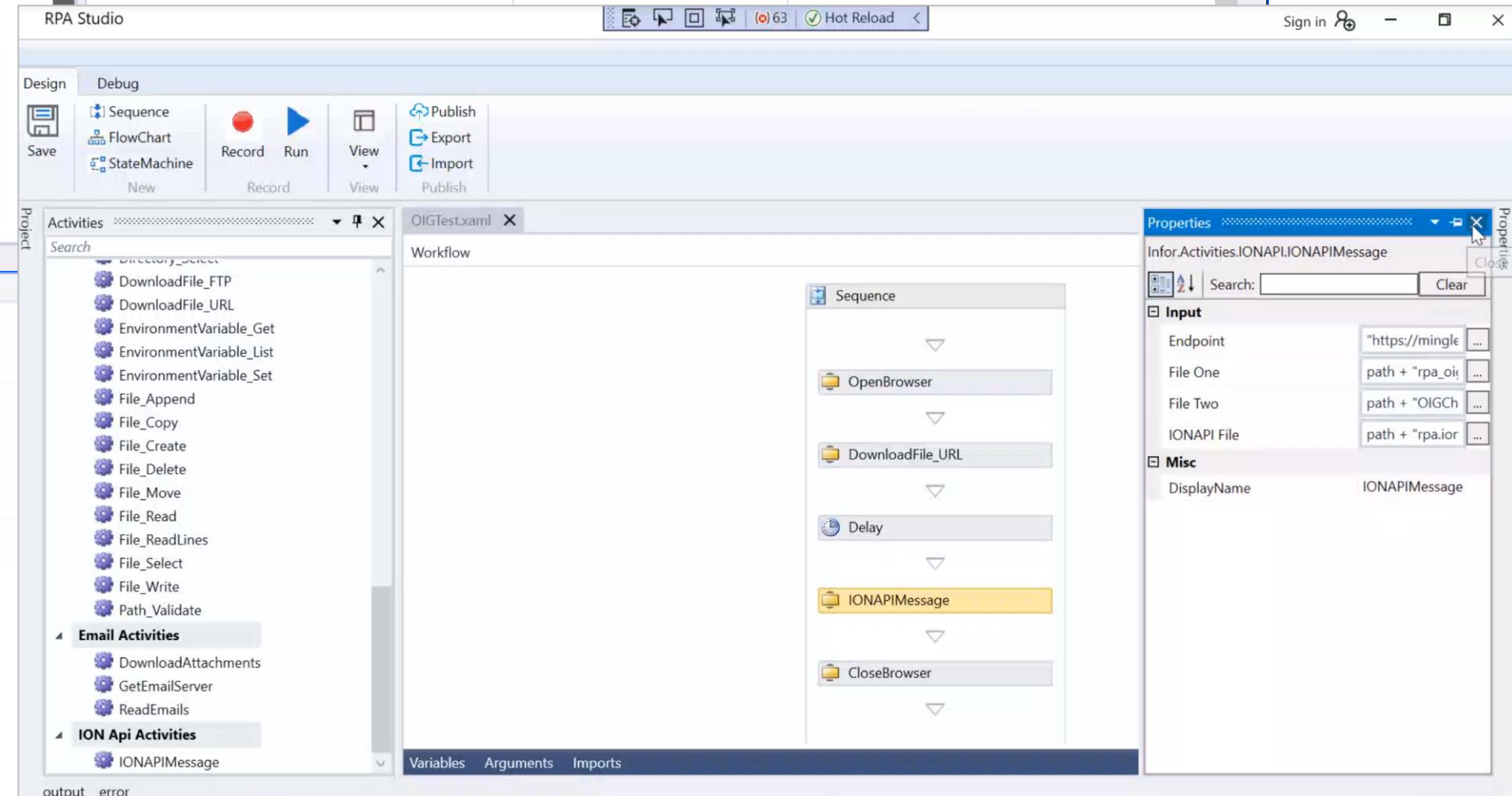
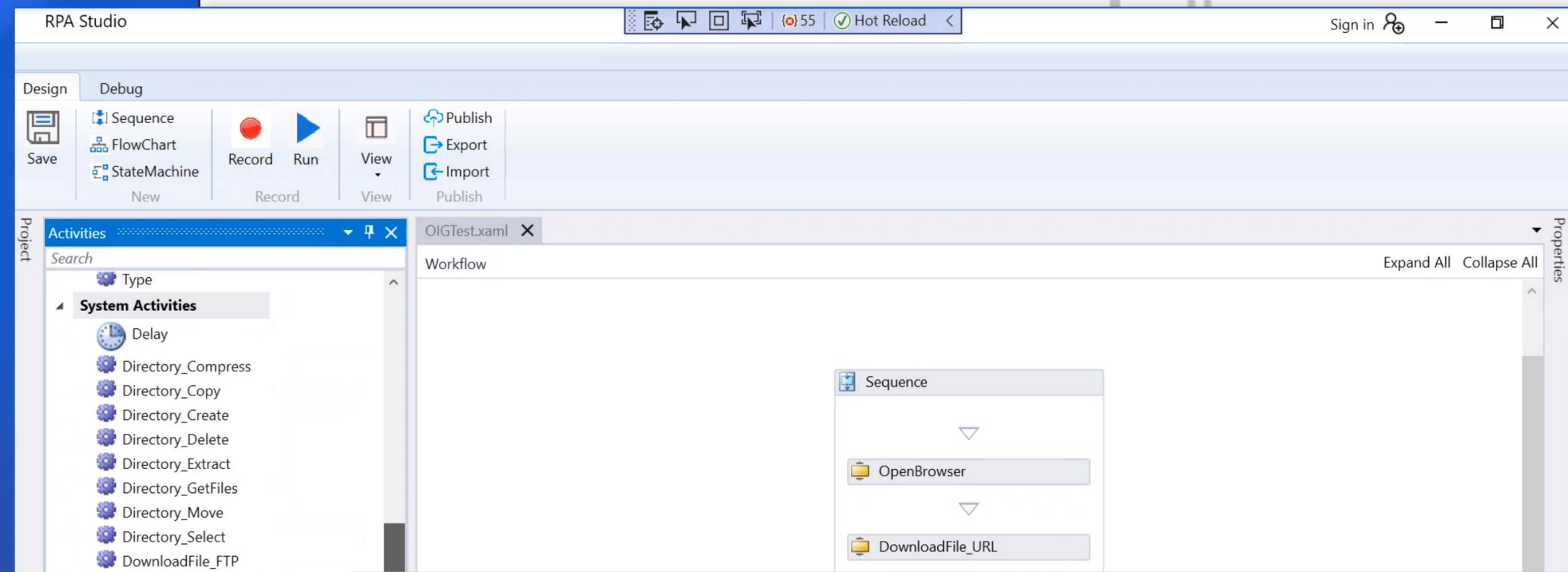
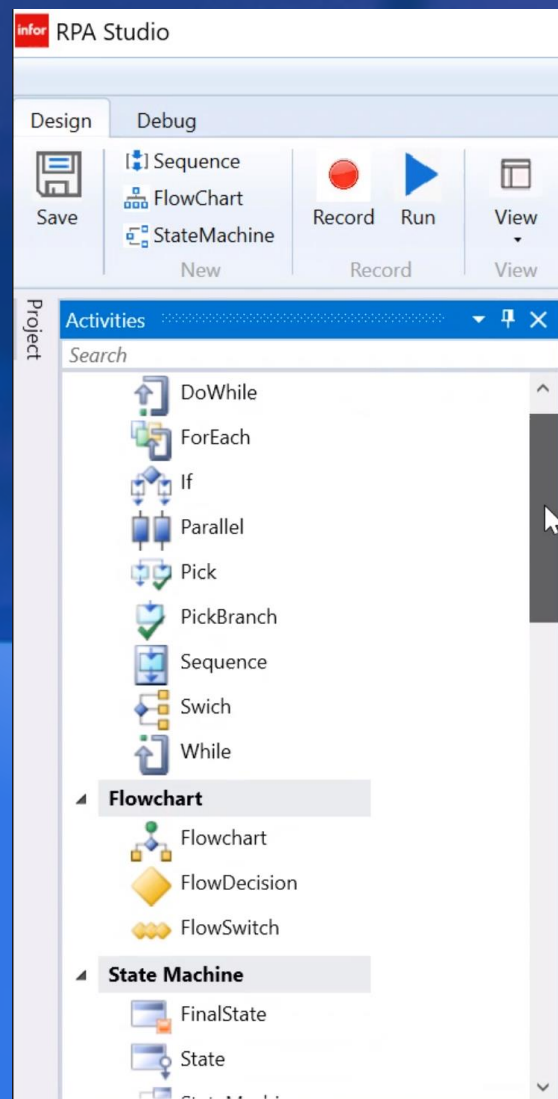
**Developer's tool/ Provides APIs and SDKs for your solution**



October 2021

# Infor OS<sup>®</sup> RPA

Automation of labor intensive, repetitive, rule based, high-volume/low-value tasks, performed by Software Robots – which is otherwise performed by employees in their computer work stations.



# Infor OS

As a collection of related and interdependent components, Infor OS priorities directly benefit the other components and focus the strategy of being the leader in the enterprise application technology domain. The focus is on the collective benefits to deliver speed and agility with downstream innovation.

## Now

### Enterprise UX

- Add Multi-Value Attributes in Related Information
- Increase file size limit for Assemble and Print jobs
- Drillback URL for Documents – Items API
- **Larger payload in ION API hybrid Service**
- **Support API streaming output in EC**
- Quota policy to exclude documentation calls
- Infor-Provisioned API Flows
- Support for New Version Format

### Intelligent Digital Assistance (Coleman DA)

- **MS Teams app**

### Enterprise Application Integration

- Improved Deflate support
- Provisioned API Flows

### Data Fabric

- Infer Identifier Paths
- Improved Crawler Filtering
- Cancel Crawler Metadata Registration
- Data Fabric Application
- Data Fabric Application Highlights
- **Quota Policies for Compass v2 APIs**
- **Deprecation of *infor.clear\_view()***

## Next 6 Months

### Overall

- Time-to-Value
- Cloud Technical improvements

### Enterprise UX

- **Enterprise UX refresh**
- Federated Search
- Private branded mobile app
- Document Capture (version 2020.1.05)

### Intelligent Digital Assistance (Coleman DA)

- **LEX V2 APIs**

### Applied ML (Coleman AI PAAS)

- ML Real-Time Decision Engine
- ML Menu (see ML roadmap)
- Neural Net Addition to ML Library

### Organizational Compliance

- 3<sup>rd</sup> Party GRC Integrations
- Certification Manager Enhancements

### Enterprise Application Integration

- System Health Service (ION)
- Large Message Capabilities
- IRIS FIP140-2 Encryption Support
- External user support
- Farm level APIs
- **API Flow – Terminate, Join, Looping**
- Hybrid service - Mutual SSL/ Oauth
- Bulk Data Loader
- Large Message Splitter

### Data Fabric

- Data Fabric App
- Compass Performance Improvements
- Saved Queries & History
- **Ingestion Pipelines**
- **Data Fabric Ledger**

## Vision

### Enterprise UX

- HCM/IDM integration
- Multi-value Attributes
- Custom BODs per Doc Type (IDM)
- Mobile homepage welcome experience
- External Users
- Enterprise UX refresh

### Intelligent Digital Assistance (Coleman DA)

- Contextual Awareness (DA)
- Standard Skills Provisioning
- Coleman Vision (Reko)

### Applied ML (Coleman AI PAAS)

- Incremental Learning (ML)
- EasyML
- Interpretable AI; Correlation Analysis

### Enterprise Application Integration

- Backend As a Service
- API Marketplace
- Developer Portal
- Graph QL Proxy Support for REST APIs

### Data Fabric

- **Data Fabric ETL & Streaming Pipelines**
- **Industry 4.0 IoT integrations**
- Data Federation with Network Tenancy
- DWaaS

### Organizational Compliance

- Additional GRC Compliance (ex. HIPPA)
- GRC User Activity Insight



# Agenda

01

Platform Overview

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Q&A

```
modifier_ob.select=1
bpy.context.scene.objects.active = modifier_ob
print("Selected" + str(modifier_ob)) # modifier ob is the
#mirror_ob.select = 0
None = bpy.context.selected_objects[0]
bpy.data.objects[0].name = "Mirror"
AJK5545001JJK
```

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- PLAYLISTS
- COMMUNITY
- CHANNELS
- ABOUT

Infor OS ▶ PLAY ALL

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Infor OS  
8.8K views · 1 year ago

Massimo Capoccia, InforOS & Rick Rider, Infor | Inforum...  
SiliconANGLE theCUBE  
6.4K views · 2 years ago

Infor OS - Installing Infor OS  
Infor OS  
909 views · 4 months ago

AI & IOT ▶ PLAY ALL

Infor Coleman Introduction  
Infor OS  
1.2K views · 1 year ago

(M10) Infor Coleman: Streamlining Enterprise ML...  
Amazon re:MARS

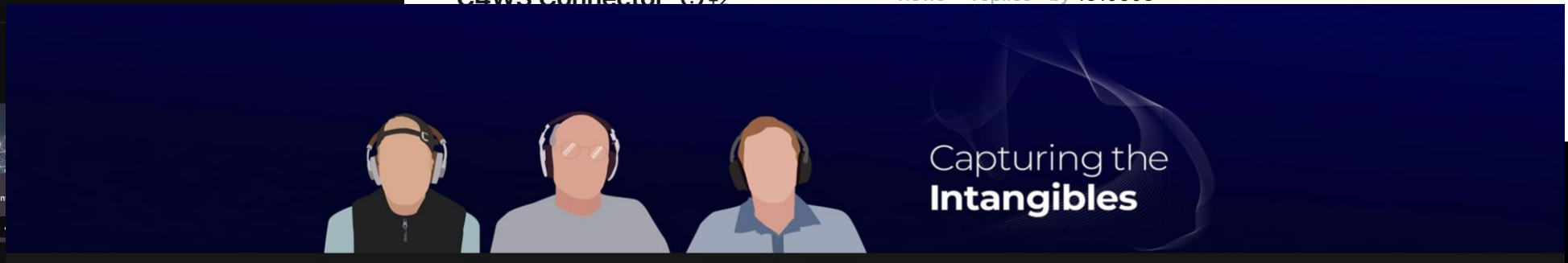
Infor Coleman AI Platform, the AI Ensemble  
Infor OS

Infor OS: Coleman Digital Assistant - Adding an API Skill...  
Infor OS

Search

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  - COMMUNITIES
  - NEWS
  - EVENTS
  - HELP
  - LEADERBOARDS
- Infor OS - ION & Data Fabric

Can I grant access to a 3rd Party company to read directly from our EAM?	17 views	4 replies	Latest ... by RST	This community is for users of the Infor ION product that provides an integration platform as a service.  Leave Email digest options More
How to match the XSD of the custom object schema with BOD implementation of LN?	1609 views	4 replies	Latest ... by Thiago	
Infor ION API connection with LN C4WS Connector ?+?	133 views	4 replies	Latest ... by 1310608	



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TO ASSEMBLE A SUITE OF APPLICATIONS, IN THE CLOUD AND / OR HYBRID, WE HAVE DEVELOPED AN ENTERPRISE COMPOSITION PLATFORM CALLED INFOR OPERATING SERVICE, **INFOR OS**. THE UNIQUENESS OF THIS PLATFORM IS THAT INFOR OS WIRES ALL THE APPLICATIONS AND MICROSERVICES TOGETHER OUT OF THE BOX. LIKE IN AUTOMOTIVE WHERE CAR MANUFACTURERS SHARES COMPONENTS FOR SIMILAR CARS, OUR SOLUTIONS, REGARDLESS THEIR COMPOSITION, SHARE COMMON FUNCTIONALITIES WHEN IT COMES TO USER EXPERIENCE, BUSINESS PROCESS INTEGRATION, APIS, DATA, ANALYTICS, ARTIFICIAL INTELLIGENCE AND EXTENSIBILITY.

OUR PASSION IS WHEN WE SEE ENTERPRISES USING THE SAME OPEN COMPOSITION TO FLEXIBLY ASSEMBLE AND ACCOMMODATE THEIR OWN BUSINESS PROCESSES.