

INFOTEAM Days

Infor Food & Beverage Roadmap

Release Highlights

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Infor's Momentum

Fast facts of Infor in food & beverage



**FOOD &
BEVERAGE**

Infor's momentum

Fast facts

Infor Food & Beverage

1,000+

Food and beverage customers globally

No. 1

Use case scores for Process Manufacturing in the 2022 Gartner® Critical Capabilities for Cloud ERP for Product-Centric Enterprises

120+

CloudSuite Food & Beverage deployments

No. 1

Frozen Mexican food processor in America live in public cloud

40+

New CloudSuite Food & Beverage deployments in 2022

1 out of every 4

Beers brewed in the world planned with Infor Production Scheduling

3,600+

Users in 100 sites of Nutreco successfully migrated to public cloud

\$500,000

Annual cost savings at cheese maker thanks to Machine Learning



New CloudSuite Food & Beverage deployments in 2022

Infor's momentum

Highest score in Critical Capabilities Process Manufacturing Use Case

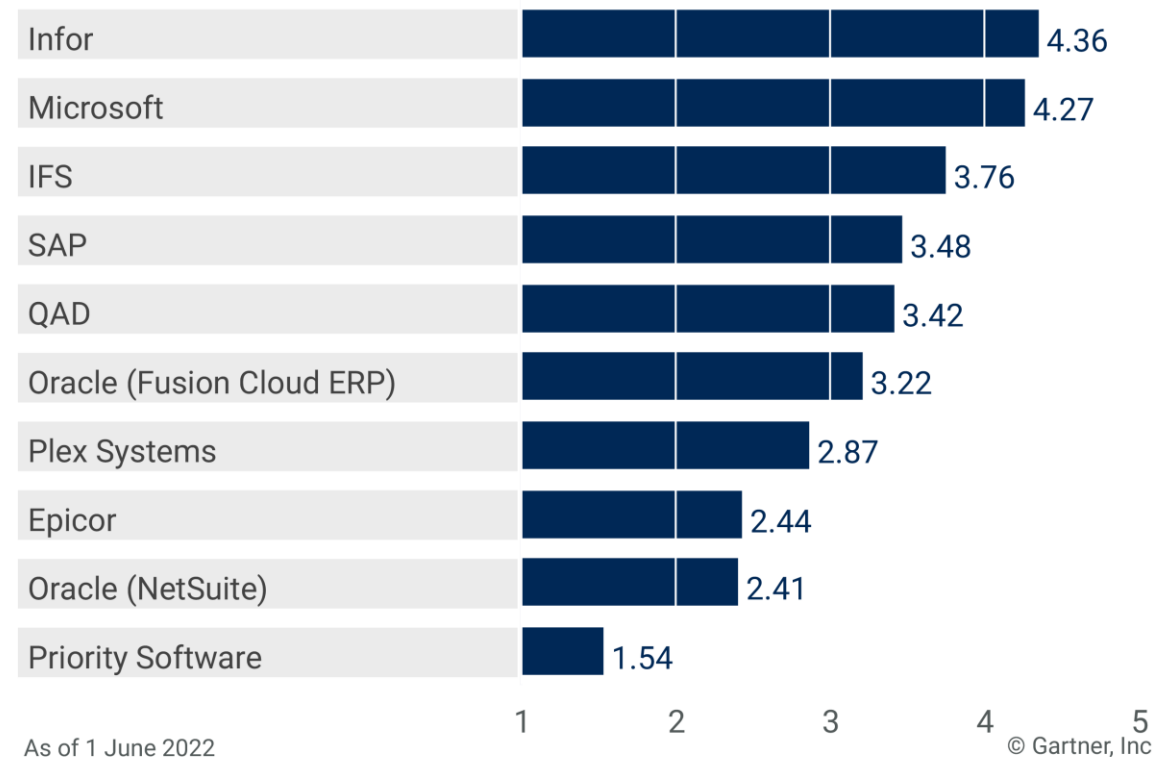
Infor received **4.36 of 5** in Use Case scores for Process Manufacturing in the 2022 Gartner® Critical Capabilities for Cloud ERP for Product-Centric Enterprises.

According to Gartner® report

- A large percentage of organizations have plans to modernize their ERP giving opportunities to further [contextualize an ERP strategy that is driven by business value](#).
- Application leaders are [seeking composable ERP strategies](#) that allow their organizations to assemble and adopt a combination of business capabilities.

Vendors' Product Scores for Process Manufacturing Use Case

Product or Service Scores for Process Manufacturing



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Infor's momentum

3,600+ users in 100 sites of Nutreco successfully migrated to public cloud

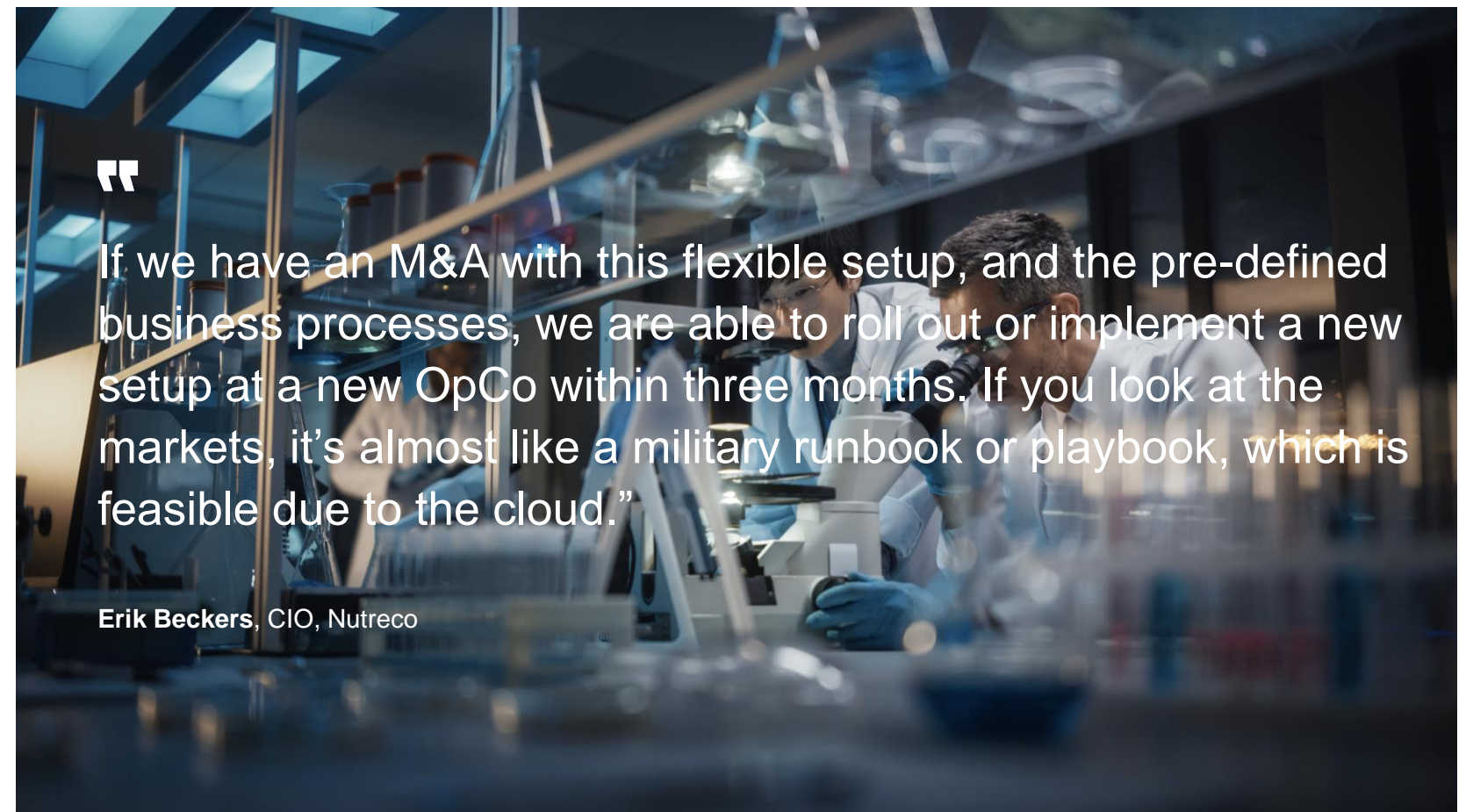


Nutreco is a global leader and innovator in animal nutrition and aquafeed. Nutreco has more than 100 production plants in 35 countries and 11 R&D centers in seven countries.

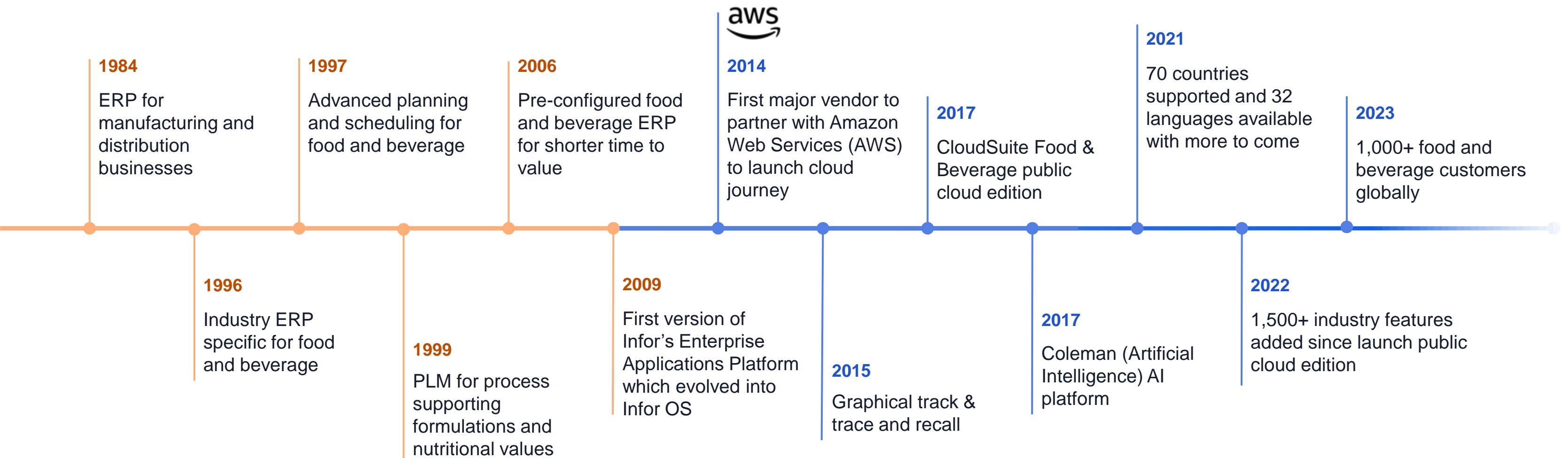
3 months
to implement a new setup at a new OpCo

Digitized supply chain with immediate insight on raw materials and resilience to adapt on changes in the value chain

Resilience of cloud mitigating risks of cybersecurity



We have a 40-year track record of innovation in food and beverage to future proof your business



Infor's momentum

Infor M3 Cloud Edition



Total cloud customers

Customers provisioned with Infor M3 Cloud

490



Usability features delivered

Developments for technology and user experience

+200



Total countries supported

Countries supported with Infor M3 Cloud

71



Capability features delivered

Developments for integrations and geo support

+800



Total integrations supported

Strategic integrations with best-of-breed and 3rd party

27



Industry features delivered

New industry features since public cloud launch 2018

1,921

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Food & Beverage Today

Drivers, trends and vision



**FOOD &
BEVERAGE**

Food & beverage faces unique challenges

Volatile, uncertain, complex, ambiguous world

Food tech innovation



Alternative proteins,
precision farming
and circular packaging

Environmental sustainability



Regulator, shareholder
and consumer pressure
to reduce waste and
environmental footprint

Shortage of workers



Investments in Industry
4.0 automation
and digitization

Farm to fork transparency



New regulations for track
& trace and transparency
from farm to fork

Unprecedented speed of change



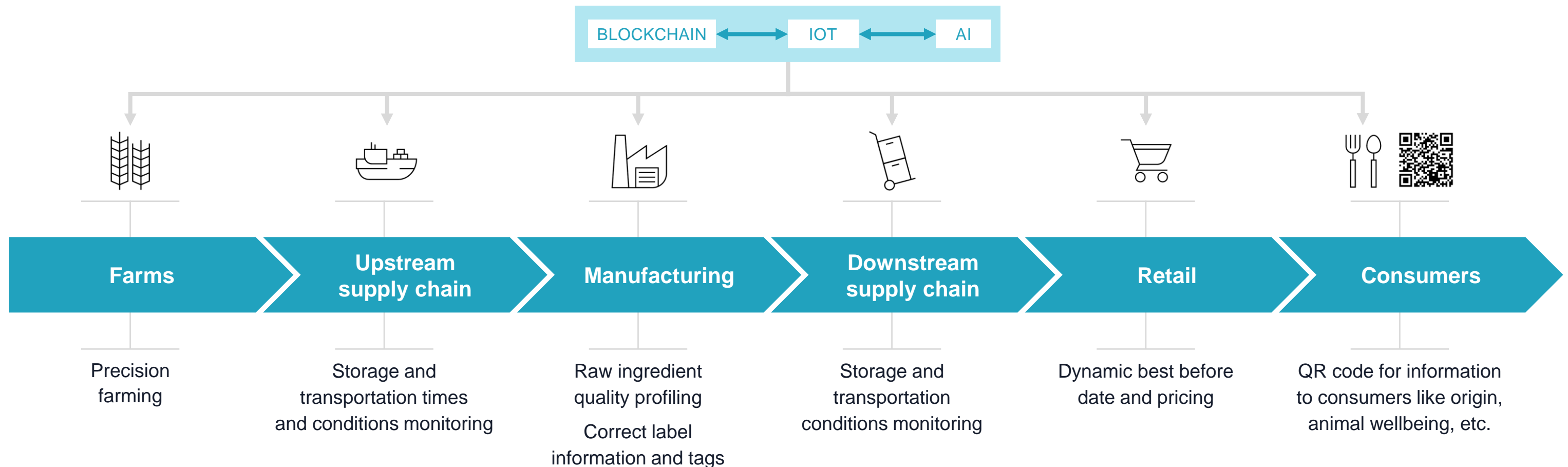
Increased need
for resiliency, velocity
and agility

Achieving a digital supply chain from farm to fork

Connecting the dots

Applying analytics and Artificial Intelligence (AI) to drive decisions and putting smart industry specific applications to work to improve sustainability, food safety and transparency.

Infor CloudSuite Food & Beverage



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Drivers for Product Development

Industry cloud



**FOOD &
BEVERAGE**

Overarching themes for developing industry cloud



Sustainability & compliance

Regulatory compliance, localizations, ESG, GRC, global enterprise financials



Cloud excellence

Scalability, performance, stability, security, zero down-time, deployment automation



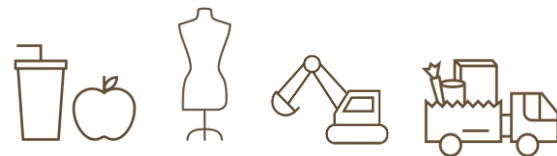
Innovation

New innovative capabilities, embedded decision support, Machine Learning applications, hyper automation, industry 4.0



Technology

Platform, core technology, data fabric, extensibility



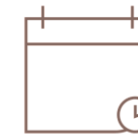
Cross industry completeness

Core process and capability expansion



Last mile industry

Bowling pin strategy to lead in select micro-verticals (depth)



Time to value

IPCs, pre-configuration, composable components (widgets, homepages), tooling for faster deployment, self-implementation



UX

Simplified and configurable high-productivity user interface, workbenches, portals, etc.

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Recent News and Roadmap

New capabilities



**FOOD &
BEVERAGE**

Purpose built solutions for food & beverage

Enterprise resource planning

- Food & beverage specific industry cloud platform
- Deep micro-vertical capabilities for food & beverage
- Modern, smart and preconfigured
- Always on, always current, always secure

Factory track

- Mobility in the warehouse and in production

Track & trace

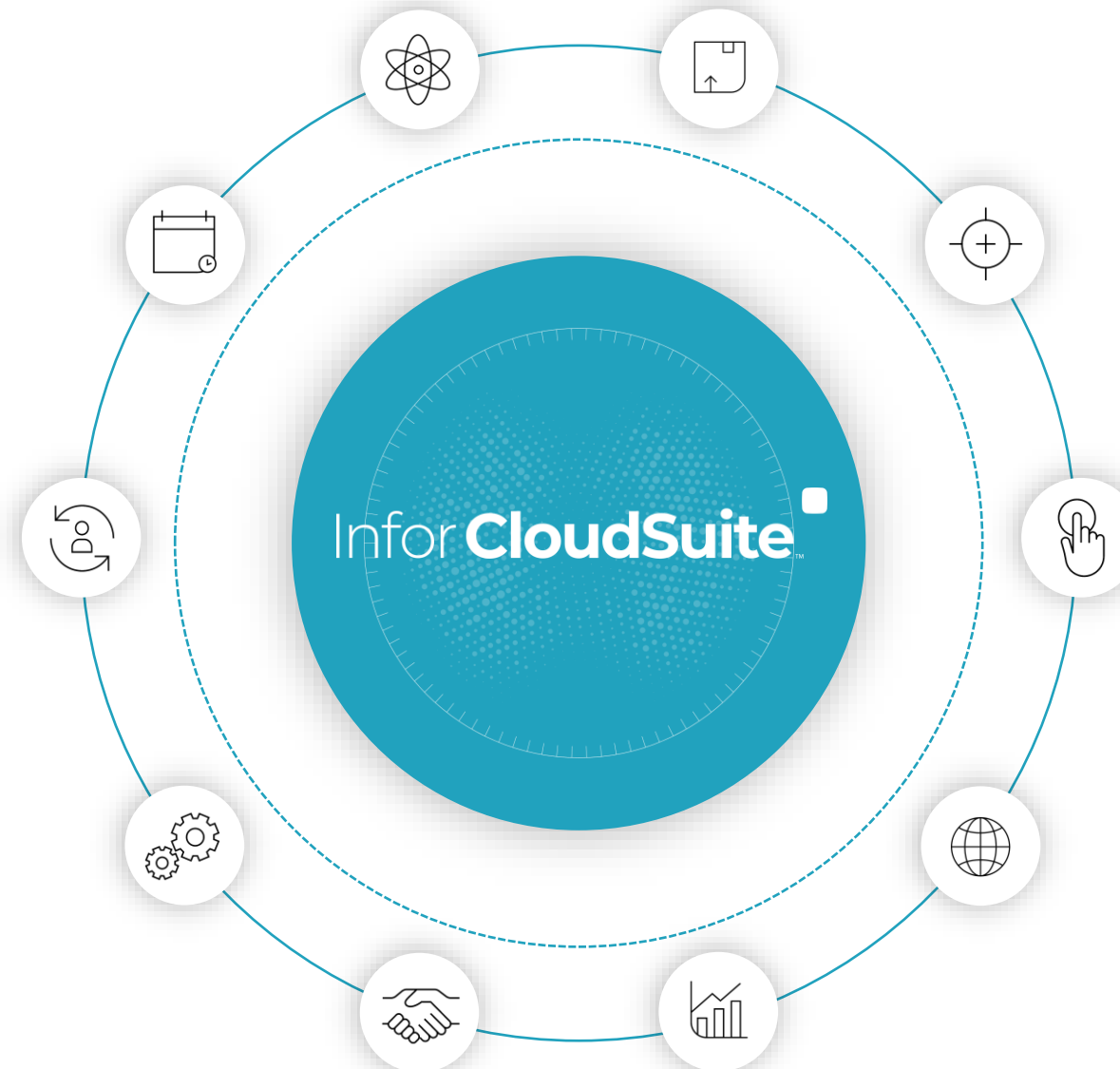
- Graphical track and trace with origin, variable lot and quality information
- Informed, targeted and fast recalls

Advanced planning & scheduling

- Forecasting with machine learning engines
- Supply chain planning balancing supply, capacity and demand
- Advanced production scheduling considering constraints including tank and silo capacity
- Full support of Sales & Operations Planning processes

Product lifecycle management

- Cross-functional product lifecycle management
- Regulatory compliance to safety standards, packaging, and labels requirements



Business intelligence

- Pre-defined food & beverage content
- Contextualized analytics and guidance
- Predictive analytics using machine learning

Manufacturing execution

- Infor MES, MES from the equipment provider or any other MES providing flexibility that fits your factories

Warehouse management

- Labor and task optimization
- 3D visualization of the warehouse
- Value added services and 3 PL billing

Global freight management

- Freight spend and shipping performance optimization
- Global planning, control and execution
- Connect with 45,000 suppliers and 15,000 carriers
- Supply chain control tower for visibility

Human capital/workforce management

- Efficiently select and onboard best candidates
- Elevate workforce visibility, performance, and compliance
- Automate manual handling and administrative tasks

Recent news and roadmap

Momentum

Accomplishments to date

	~1000 enhancements*	~1000 enhancements*	+400 enhancements*
	2021	2022	2023
Industry	<ul style="list-style-type: none"> Extended Internal Sales Order IPW purchase agreement planning Retrospective Trade Agreements Grower contract with request for invoice Corporate accounting and reporting Sublot management improved 	<ul style="list-style-type: none"> PLM for Process - GS1 Template PLM for Process - Formula modeler Enhanced backflush and negative inventory mgmt. Trade Agreements continued Pay Credits to customers Local item classification for pricing Forecasting – demand sensing at aggregated levels 	<ul style="list-style-type: none"> QMS – enhanced rules for calculated tests Internal sales – change whs on CO Corporate netting Improved expiry date handling for by/co-products Enhanced harvest date inheritance FTK – control picking using allocation/attribute rules
Experiences	<ul style="list-style-type: none"> CFO Dashboards Integrated Analytics 70 enhancements to Mobile warehousing 20+ Homepages and 5 Widgets Configurable standard text blocks for reports Guatemala, Turkey, Philippines 	<ul style="list-style-type: none"> 5 new homepage widgets New streamlined labor reporting in MFS New Search Engine Infor Scheduler – web UI improved SmartHelp Adoption Bahamas, Cayman Islands, Puerto Rico M3 Portals - Equipment M3 to MS Project Integration 	<ul style="list-style-type: none"> M3 Experience Designer M3 Portals – Issue management C-suite analytics with new CEO Dashboard Industry content – widgets IPC for Dairy 2.0 Infor Portal adoption Supply Planner – network visualization
Innovation	<ul style="list-style-type: none"> PLM formula to ERP BoM further automated PLM integration to Data lake Coleman AI – 3 ML models / 1 optim model XtendM3 – Dynamic tables, Data Lake Advanced Scheduling WB MT-enabled Customer messages in Integ Tools Zero Down Time Patching 	<ul style="list-style-type: none"> FTK – Rapid scanning of sublots, performance improvements GLT – configurable views using M3 APIs SCP – KPIs and alerts in Infor GO SWB/PWB – UI Zoom with High-DPI scaling User defined fields in main tables Exit Points and APIs for “bring-your-own Credit Card Provider” for M3 	<ul style="list-style-type: none"> Expanded M3 search FTK – Quick reporting – adhoc count FTK - asynchronous label printing Supply Planner – sustainability optim. model v1 Scheduler – inventory constraint optimization More exit points supporting customer extensions PLM for Process – zero down time

January 2022 – April 2023

CloudSuite Food & Beverage

Momentum Delivered

January - April 2022

Industry

MO Aggregated Backflush
MO issue before receipt of Intermediate stock
M3 Portals – Equipment Portal
Local item classification for pricing
38 regulatory and statutory items
Puerto Rico, Bahamas, Cayman Islands
Configurable Text Blocks for Documents
SWB – support for alternate structure

Experiences

8x Widgets:
Customer order look up, Purchase Requisition,
Receive PO (non stocked), Customer Contact,
Item creation, Release planned PO, Supplier
Creation. Available-to-Spend
IPW auto adjusting columns in grid
SWB – improved zooming in UI

Cloud Excellence

Tool supporting alignment of data between M3
and Data Lake

Integrations

PLM – manufacturing instructions

May - October 2022

Industry

Trade Agreements incl. graduated accruals,
cross recipient, non-paid and periodic settlement
ECI enabled for Workorders
QMS - Enhanced updating of calculated tests
Updates of IPC for F&B
30 regulatory and statutory items
Internal sales order - changing whs on CO
GLT – Consumed quantity report
M3 and FTK - Sublot enhancements
PLM – Trade Item Data and Formula Modeler

Experiences

Batch order entry release all speeding up
M3 Analytics - CEO Dashboard
M3 Analytics – CLM-Opportunity Mgmt
SmartHelp Adoption
M3 to MS Project Integration
3 x Widgets: Supplier list, IDM Monitor, Upload
Excel sheet
GLT – Configurable tabs using M3 APIs
IPW – additional fields for view and grouping

Cloud Excellence

New streamlined labor reporting in MFS

Integrations

MO integration MES – Status control
EDI - SPS Commerce and EDI Exchange
WMS – Receipt of a return
Corporate netting
HR Talent Integration



Available

November 2022 - April 2023

Industry

Central Procurement for Divisions
e-Record in 10 additional e-Signature programs
Corporate netting
M3 Portals – Issue management Portal
Internal Sales Order Synchronization of
Commercials and Logistics
PO Split for direct orders (CO type2)
Dynamic XML outputs for financial reporting
MO expiry date control enhancements
Process MO reverse BoM enhancements
Language translation for QI Test descriptions
FTK – allocation rules and attribute filtering

Experiences

M3 Experience Designer Platform + 3 apps
FTK - Quick Reporting for Count, Item descr.
10 x Widgets:
Purchase Agreement, Open CO, Open Invoice
/Customer, Open Orders /Item, List Items, Item
text, Related item, Price&Stock Availability,
Where am I working, UoM Conversion
GLT – Configurable bookmarks

Cloud Excellence

Infor Portal V2 adoption
FTK – performance improvements
PLM for Process – zero downtime

Integrations

Expanded M3 search
More Exit Points for Extension Building

And many updates for M3 Add-On / Industry solutions:

Inventory Planning Workbench, Scheduling and Planning Workbench, Supplier Rebate, Sales Hub, M3 Demand Planner, PLM for Fashion, PLM for Process, Rhythm, Customer Lifecycle Management, Mobile Field Service, Equipment Quotation Management, M3 Portals, Graphical Lot Tracker, Factory Track

Recent news and roadmap

Internal Sales order

Limitations (roadmap):

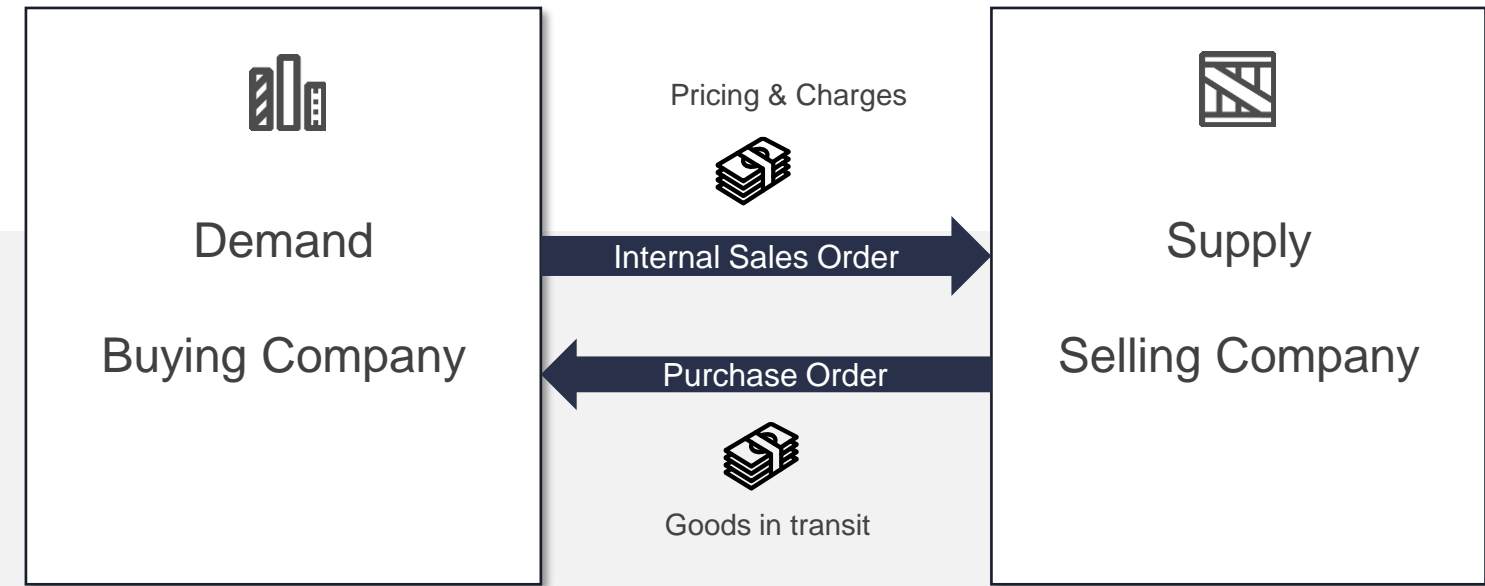
- Sublot support
- Syncing commercials & logistics from CO->PO
- Change delivering whs from CO-side
- Attributes local to supply side

A new process for moving goods and controlling financially the goods in-transit between divisions/ facilities and warehouses

The internal sales order is a new process for moving goods and controlling financially the goods-in-transit between divisions / facilities / warehouses.

The advantage of internal sales orders, which is a customer order, over the internal distribution order process, is especially around cross-border distribution of goods, pricing & charges.

Delivery terms drive the ownership of goods which is now perfectly reflected in the new Goods-in-Transit process



Value

- Availability of prices, charges, discount and costs throughout the process
- One process in the warehouse for internal and external deliveries, giving better visibility
- Cash flow improvement, visibility for both selling and buying side





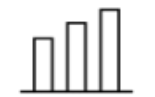
Recent news and roadmap

Retrospective Trade Agreements

Manage accruals and settlements of complex trade agreements

Trade Agreements is an integral part of M3 CE. With this new module companies can better manage retrospective trade agreements such as rebates, bonuses, trade promotions, commissions etc.

By offering a module tightly connected to the sales order process and the financial modules the aim is to improve financial control and automate various administrative processes during the life-cycle of a trade agreement.

	Establish Agreement	<ul style="list-style-type: none"> • Rebates and Bonuses • Trade promos • Commissions
	Debt Accrual	<ul style="list-style-type: none"> • Advanced accrual rules • Integrated financials for debt and P/L
	Agreement re-generation	<ul style="list-style-type: none"> • Late arrival • Changed scope or terms • Re-gen of accruals and update financials
	Claims and Settlements	<ul style="list-style-type: none"> • Credit note • Bank transfer
	Final Settlement and Closure	<ul style="list-style-type: none"> • Close off • Reverse non-settled accruals and debts. • Re-distribute variances for P/L

Value

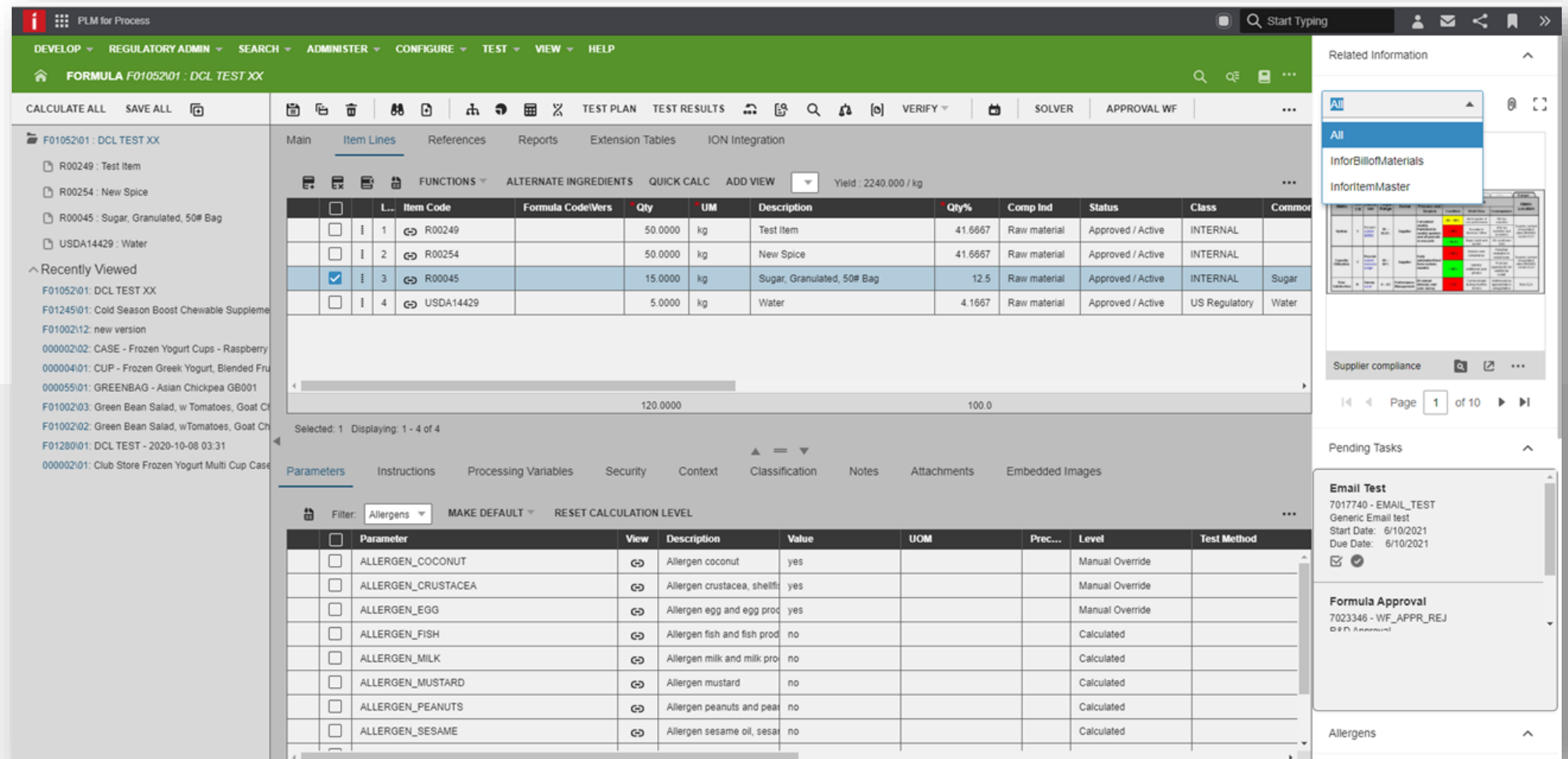
- Automating and removing manual procedures
- More accurate monthly financial statements
- Improved control of sales margin down to item and customer

Recent news and roadmap

Product Lifecycle Management News

Highlights last 12 months

- GS1 Trade Item Data – phase 1
- Formula Modeler
- Integration to datalake
- MS excel addin for export and update using APIs
- E-records - deeper support for FDA 21 CFR 11
- In-context and homepage widgets
- Integration to M3 ERP:
 - Alternate materials
 - Alternate formulas/structures
 - Instructions
 - By-products



Value

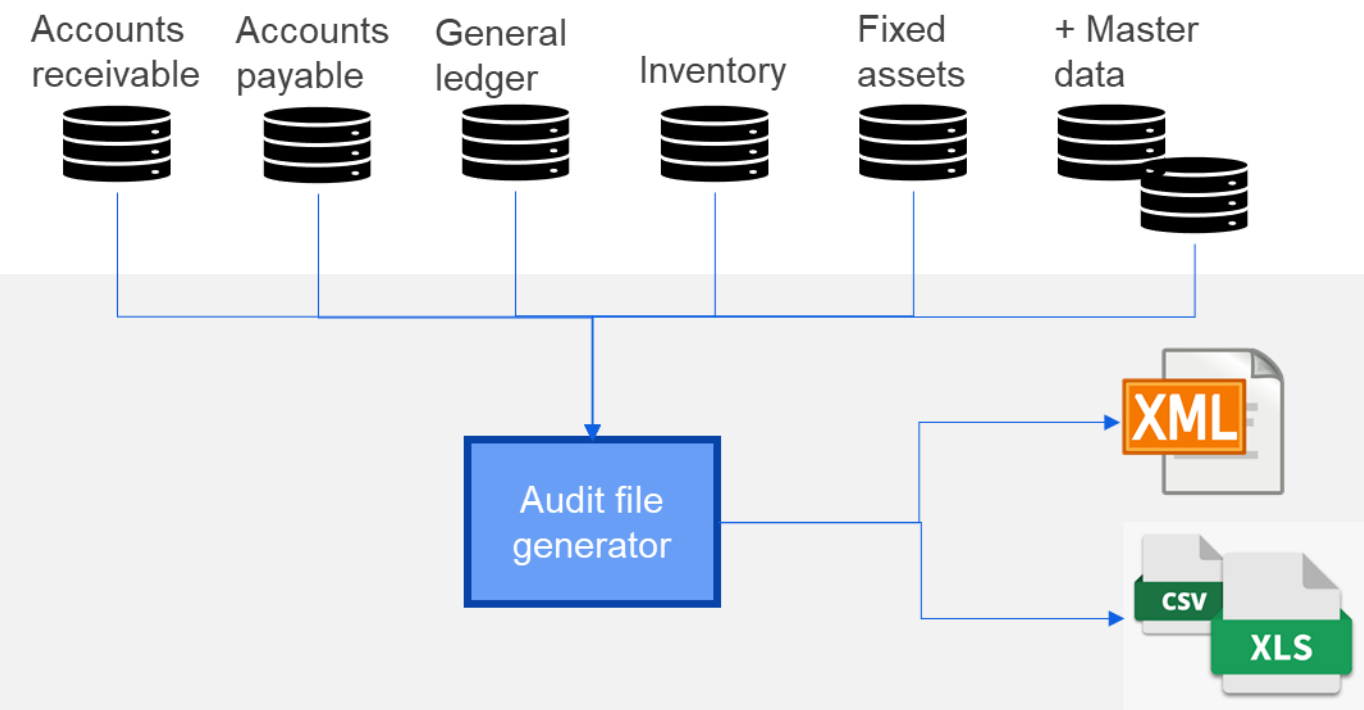
- Improve collaboration to reduce time-to-market
- Automated generation of accurate ingredient statements and labels
- Guidelines and restrictions validation for compliant product releases

Recent news and roadmap

New tool for creating electronic audit files

A trend within governmental control is to introduce electronic audit files. Companies are obliged to create an audit file each month and if requested send it to the government

- Define the report required from the government
- Connect each XML tag o M3 database
- Create the report



Value

- Reduce time to market, faster response to changes
- Increase number of supported formats

Recent news and roadmap

Our objectives

1 Cloud Excellence

Utilizing Cloud technologies and big data to provide innovative new ways of doing business.

Investing in Cloud services to meet the evolving industry and global requirements. Enabling the agility and scalability to support changing business strategies.

2 User Experience

Deliver user satisfaction and productivity through an intuitive experience

Expanding access to core business processes for wider user group throughout the enterprise.

Deliver industry dashboards and homepages

3 Industry Cloud

Provide deep, vertical capabilities and content to drive customer value and adoption.

Deeper extensibility to provide more project agility and meet customer unique requirements.

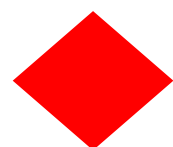
4 Time to Value

Accelerate implementation and time to value for customers

Allow customers to logon and engage with their solution - recognizing their processes and data - from day-one.

Recent news and roadmap

Infor's new release methodology



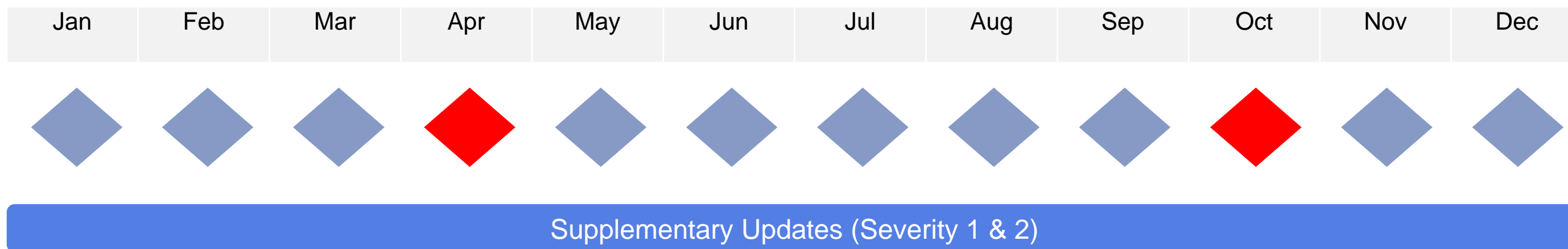
Feature Release

Bug fixes, R&S, Security updates
All features and Industry content



Service Release

Bug fixes, R&S, Security updates



October 2023 – April 2024

CloudSuite Food & Beverage

October 2023

Experiences

Exp. Designer enhanced
Factory Track – Android App
Birst widget and multi-language Analytics
Capacity Planning Workbench – New
PLM – color formatting
10+ widgets

Industry

MT customer project driven enhancements

M3 Portals – Supplier Portal
Additional discounts for CO
e-signature continued
Harvest date enhanced inheritance
Pick correction for subplot items
PLM – extended allergens roll-up
Manual planning with planned expiry
Exit point for put-away location select
SWB – multiple enhancements
Supply Planner – scenario comparison
Centralized labor reporting and time entry
IPC new processes

Cloud Excellence

Application Configuration Management (ACM)
M3 Demand Planner (MT)
SCP Demand Planning – New WB
GLT – long running queries and Search API
Transactional archiving in Data Lake v2

Integrations

Infor TMS
Dynamics CRM & Shopify

April 2024

Experiences

Industry Persona Apps
Exp Designer enhanced
MFS and CLM - New UI for Mobile apps
M3 Inventory Planning WB – new UI
Infor Scheduler – web UI

Industry

MT customer project driven enhancements

Trade Agreements – Cross Division
CO-returns by deliveries & packages
Manual routes w/open departure in CO-entry
Internal sales – attributes, agreements, sublots
APIs to enable SWB for bulk-pack planning
Harvest date in PO – API and mixed source
IPC for Dairy new apps and enhanced
IPC for Protein - initial delivery
PLM – resource management & IPC
Sustainability reporting & environmental taxes.
Supply planning - Sustainability optimization
Demand planning – attribute & event driven
QI-request at balance ID level

Cloud Excellence

ACM – more processes
GLT – Data Lake streaming and APIs
Factory Track –asynchronous processing
Lakehouse – operational reporting

Integrations

Infor MES phase 1b
MES for Protein 3rd party – phase 1
Infor SCP incl. SCP Demand certification

Vision



Experiences:

Industry Persona Workspaces & widgets
Portals – self service
Real-time decisions via Machine learning
RPA for repetitive processes
Modern AP-flow
Embedded Analytics

Industry:

MT customer project driven enhancements

Global Track and Trace Integrations
Design, Plan and Report on Sustainability
Environmental taxes
Enterprise Quality Mgmt continued
Retrospective historical lot prices
Trade Agreements AP-invoice & extended
Returnable packaging improvements
Micro vertical and add-on IPCs
Forecast consumption & quotas
Deep ML in forecasting
Scheduler – AI - sequence optimization

Cloud Excellence :

Self implementation
Zero downtime

Integrations:

Infor WMS completion for F&B

April 2024 and onwards

Sustainability



Environmental improvements and reporting

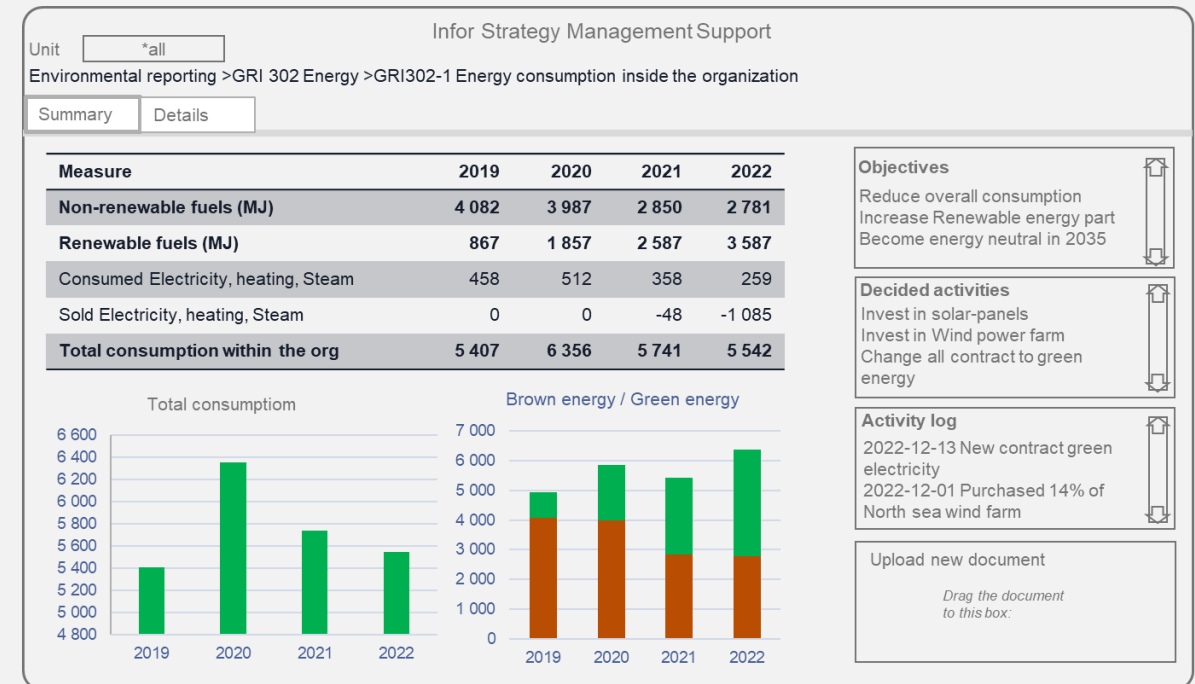
In principle, all companies must provide a sustainability report in their annual report.

Report is to include a companies:

impact on sustainability, goals they have, current situation and activities planned to each the goals

This initiative covers

- Create a strategy book system that allows our customer to defines strategies, break these down in sub strategies, present impact on the environment, goals, current status and activities they have defined to reach the goals
- Templates for reporting according to GRI3XX (international standard) will be provided as well as ESRS (Standard for countries within EU)
- Data collection from M3 and external sources



Value

- Support our customers efforts to contribute to a sustainability world

April 2024 and onwards

Sustainability

Emballage



Plastics



Emissions



Fuels

Environmental taxes

In order to promote the change to a more sustainable world has governments introduced taxes on non environmentally friendly materials and new taxes will be introduced. (Will also support sugar taxes)

Objective

Provide an engine that can be configured to calculate and report environmental taxes

Features

Define taxes

- Tax point (purchase, consumption, delivered)
- Connect items to tax(es)
- Calculate the taxes
- Account for taxes
- Report the taxes, pdf, internet portals, XML based file
- Pay the taxes

Value

- Simplify the calculation of taxes
- One-stop for accounting, payment and reporting of taxes

Skatteverket **Särskild skattedeclaration 719**
Skatt på kemikalier i viss elektronik

Namn/Firma	Deklarationsdag	Person-/Organisationsnummer
Kontaktperson	Period	Diariumnummer
Telefonnummer		

Siffror i rött hänvisar till deklaraionsupplysningar.

Fyll även i uppgifterna nedan om ni inte har ett svenskt organisationsnummer

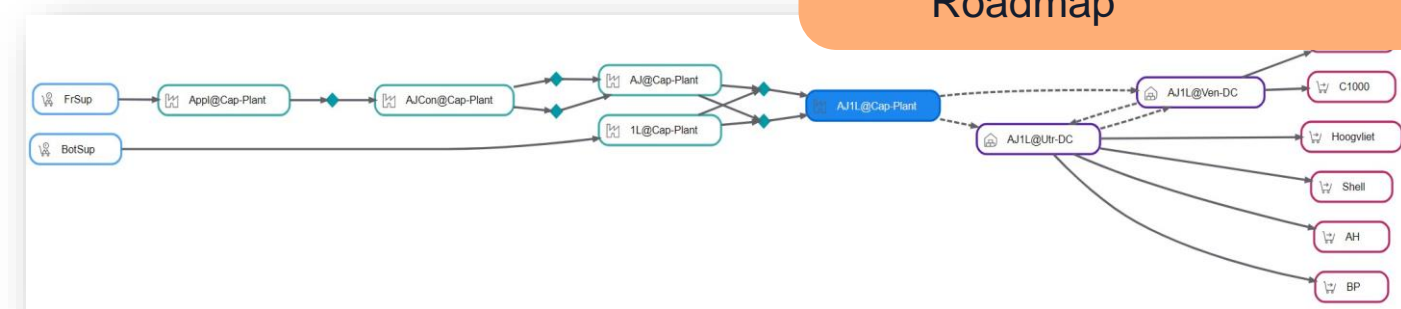
Momsregistreringsnummer (VAT-nummer)

Adress

Skattepliktig vara	Kylskåp, frysskåp, frysfrysboxar	Diskmaskiner	Tvättmaskiner
Varor där skatten understiger det maximala beloppet: Antal (kg) där skattskyldighet inträffar	01	09	17
Skatt brutto (kr) för varor där skatten understiger det maximala beloppet	02	10	18
Varor där skatten uppgår till det maximala beloppet: Antal (st) där skattskyldighet inträffar	03	11	19
Skatt brutto (kr) för varor där skatten uppgår till det maximala beloppet	04	12	20
	05	13	21
Summa skatt brutto, kr	06	14	22
Avdrag 50 procent (kr)	07	15	23
Avdrag 90 procent (kr)	08	16	24
Skatt netto (kr)	09	17	25

Skattepliktig vara	Tonkylare m.m.	Dammsugare	Spisar, ugnar m.m.
Varor där skatten understiger det maximala beloppet: Antal (kg) där skattskyldighet inträffar	25	33	41
Skatt brutto (kr) för varor där skatten understiger det maximala beloppet	26	34	42
Varor där skatten uppgår till det maximala beloppet: Antal (st) där skattskyldighet inträffar	27	35	43
Skatt brutto (kr) för varor där skatten uppgår till det maximala beloppet	28	36	44
	29	37	45
Summa skatt brutto, kr	30	38	46
Avdrag 50 procent (kr)	31	39	47
Avdrag 90 procent (kr)	32	40	48
Skatt netto (kr)	33	41	49

SKV 5320 01 sv web 01 01 2006



Planned 2023-2024

Infor Supply Planning

Optimize your supply chain and reduce CO2 generation with supply chain network visualization and root cause analysis

- Network visualization for root cause analysis
- Scenario Comparison and aggregated KPI analysis
- Sustainability optimization
- Model personalization

Period	Week 13		Week 14		Week 15		Week 16	
	lost orders	orders servic...	lost orders	orders servic...	lost orders	orders servic...	lost orders	orders servic...
Property								
00			0.00	100.00	250.00	95.00	300.00	95.00
00			0.00	100.00	15.50	95.00	300.00	95.00
00			0.00	100.00	112.50	95.00	300.00	95.00
00			0.00	100.00	0.00		300.00	95.00
00			0.00	100.00	107.54	95.22	300.00	95.00
bo	87.50	95.00	130.00	95.00	125.00	95.00	300.00	95.00
bo	200.00	90.00	157.50	95.00	300.00	90.00	800.00	90.00
oovliet	75.00	90.00	67.50	95.00	50.00	95.00	800.00	90.00
oo	150.00	90.00	135.00	95.00	270.00	90.00	800.00	90.00
bo	100.00	90.00	77.50	95.00	65.00	95.00	800.00	90.00

Value

- Improved visibility of your supply chain
- Proactively plan for reduced environmental impact
- Improved decisions – comparing strategies and plans

2023 and onwards

PLM for Process

Enhancements for developing sustainable, healthy compliant and profitable products

- Publishing the Trade Item GDSN data to ION BOD
- Extended allergens and country of origin rollup
- Label Content – Multi language improvements
- Usability - Color formatting to Grid values – phase 1
- Extension table support for multi languages
- Formula Modeler continued
- G&R - regulatory data import templates
- Project resource management
- Design for sustainability

Allergen and country rollup

The screenshot shows the 'Parameters' tab for the formula 'F00002\001: Bread Crumbs'. A filter is set to 'Allergens'. The table below lists various allergen parameters with their descriptions and values.

Parameter	View	Description	Value
ALLERGEN_MOLLUSK	↔	Allergen Mollusks	
ALLERGEN_MUSTARD	↔	Allergen mustard	
ALLERGEN_PEAUNTS	↔	Allergen peanuts and peanut products	
ALLERGEN_SESAME	↔	Allergen sesame oil, sesame seeds, sesame products	
ALLERGEN_SOY	↔	Allergen soy, soybeans, soy products	
ALLERGEN_SULF	↔	Allergen Sulfur Dioxide and Sulfites (Yes/No)	0 = Free from
ALLERGEN_SULF_QTY	↔	Allergen Quantity Sulfites	0.0000
ALLERGEN_TREENUTS	↔	Allergen tree nuts	2 = Contains
ALLERGEN_WHEAT	↔	Allergen wheat, wheat gluten, wheat products	2 = Contains

Colorformatting

The screenshot shows a grid table with color-coded values. The 'Status' column has green 'Approved' labels, and the 'Class' column has green 'USDA Data' and orange 'Europe (McCance / Widdowson)' labels.

L#	Item Code	Formula Code\Vers...	Qty	UM	Description	Qty%	Alternate #...	ERP Item	Comp Ind	Status	Class
1	USDA01001		7.6923	kg	Butter, With Salt	12.5			Raw material	Approved	USDA Data
2	USDA01083		23.0769	kg	Milk, Lowfat, Fluid, 1% Milkfat, w/ Ad...	37.5			Raw material	Approved	USDA Data
3	EU11-886		30.7692	kg	Flour, wheat, white, plain, soft	50.0			Raw material	Approved	Europe (McCance / Widdowson)

Value

- Secure accurate information from source ingredients to labels
- Allow user to more easily identify exceptions on statuses etc.
- Provide compliant product data in the format asked by industry

Planned 2023-2024

Infor MES integration:

Planned October 2023:

- MO operation-reporting
- MO issues and receipts
- Prio inventory transactions

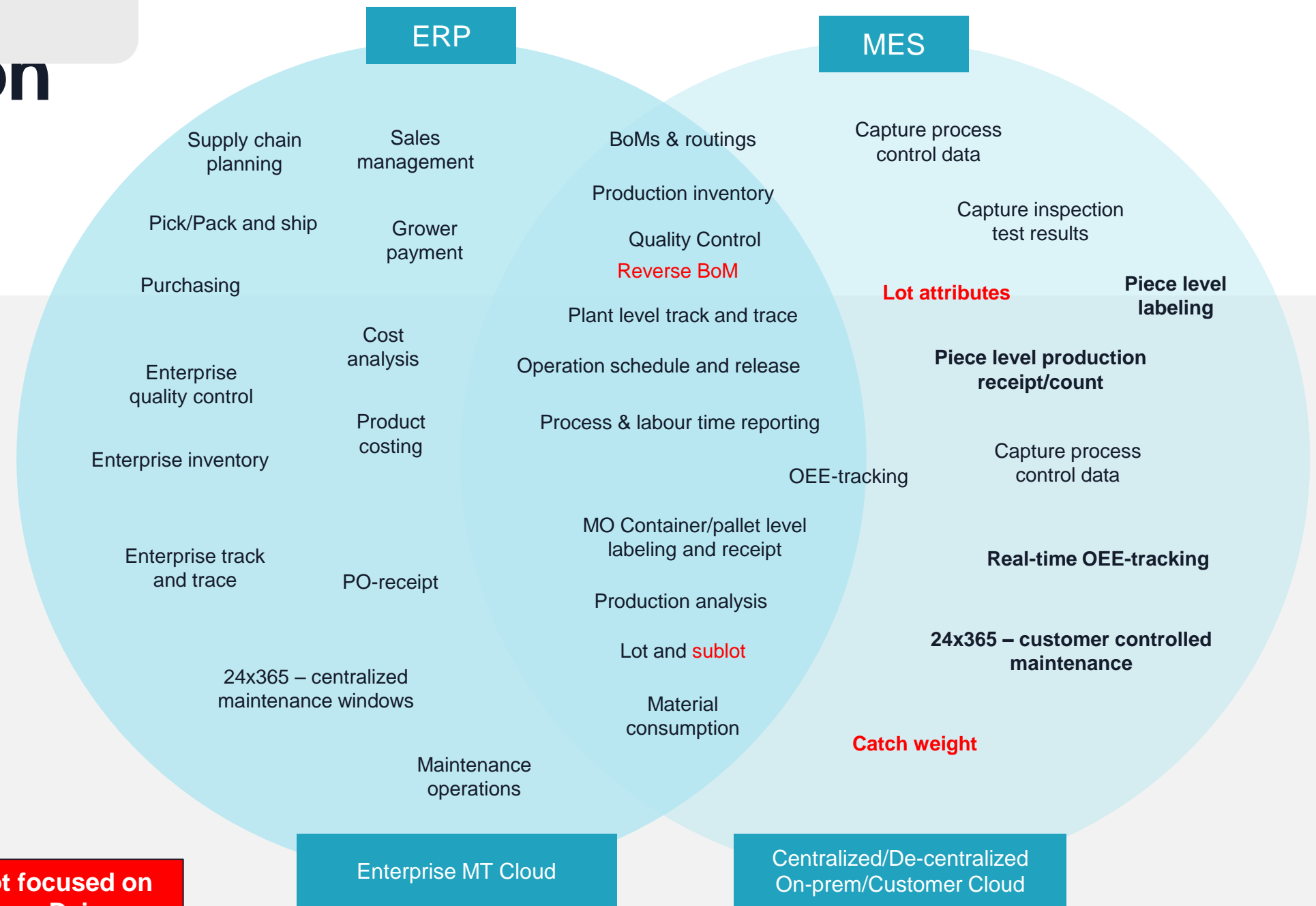
April / October 2024 - TBC:

- More inventory transactions
- Operation inspections
- QMS results reporting

Manufacturing Execution Integration

Integrate ERP to MES (Manufacturing Execution Systems)

- Infor MES – former Lighthouse
- Realtime process manufacturing availability
- Processes integrated in phases:
 - MO - Time and materials consumed
 - MO - Scrap- and throughput reporting
 - MO - Products received into inventory
 - Inventory transactions in MES warehouse
 - MO - operations inspection results
 - QMS - lot inspection results



M3 MES not focused on protein nor Dairy

* Not supported in initial phases

October 2023 and onwards

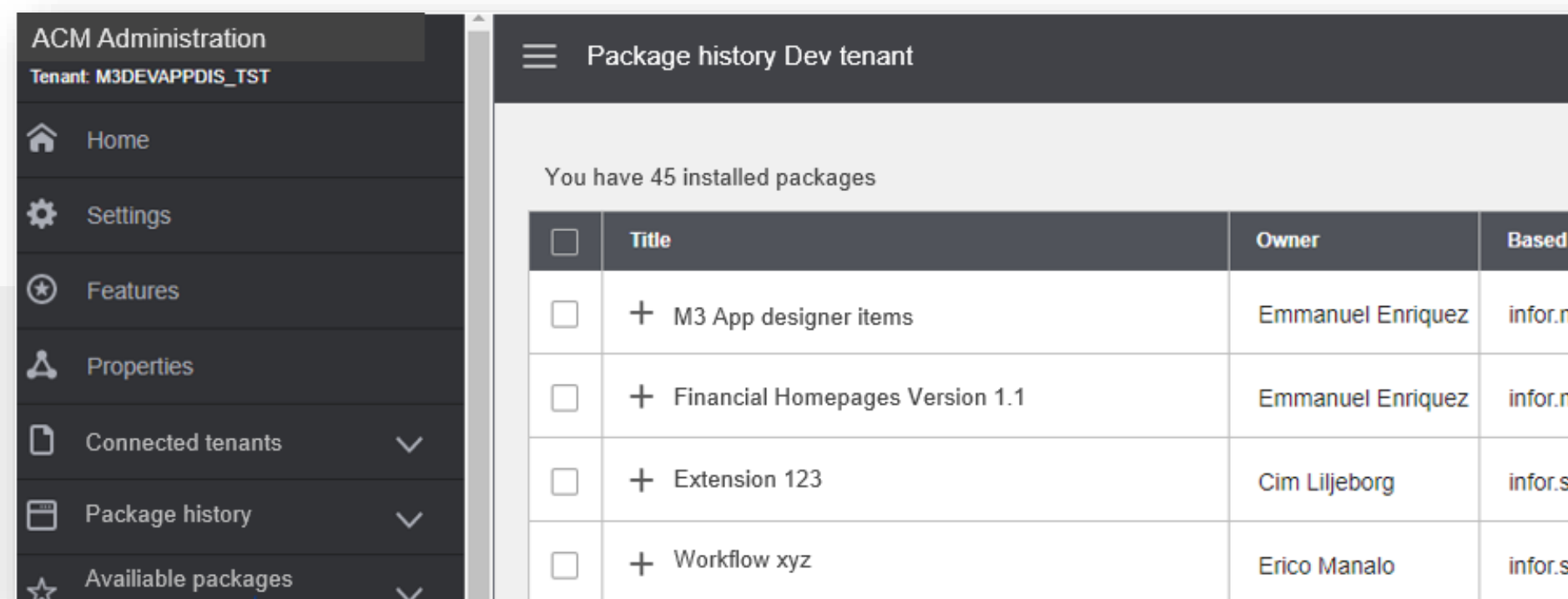
Application Configuration Management

Structured move of configurations and artifacts between tenants

AMC is deigned to move configurations between tenants in a structured secure manor across the complete CloudSuite

Phase 1

- Infor OS: Configurations, security, extensions ec
- M3 framework: XtendM3, IPS, H5, personalizations, scripts, SDK applications
- M3 Business Engine Functions: 10+ functions
- M3 Business Engine Configuration: Custom list, security, roles, AdHoc reporting, etc



Value

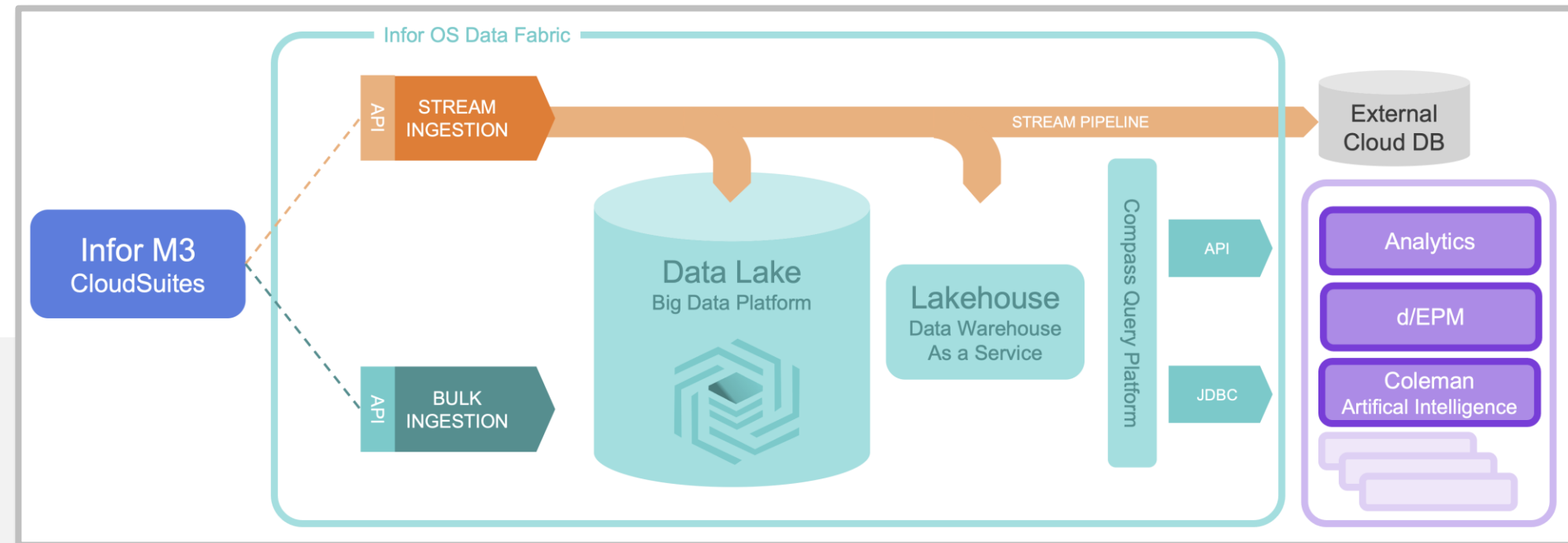
- Structured handling of configurations
- Avoid errors from manual processes
- Lower cost of managing environments

Planned 2023-2024

Data Fabric & streaming pipelines

Real-time decision-making drives the need for real-time reporting and data transfers

- Data Fabric Pipelines bring data to a destination database in real time to support operational reporting as well as connected applications with real time data requirements
- M3 enables Data Fabric streaming ingestion in 2023.04
- Destination for streaming pipelines will start with AWS Aurora PostgreSQL in 2023.04
- Additional connectors for destination platforms will be available during 2023



Value

- Provides real-time data needed for operational reporting and time sensitive integrations.
- M3 streaming to Data Fabric for pipelines and storage in Data Lake as a Big Data platform
- Supports the transfer of large batches of data

Planned 2023-2024

M3 Portals – Supplier Portal

A self-service capability for Suppliers where they can manage master data, orders and more

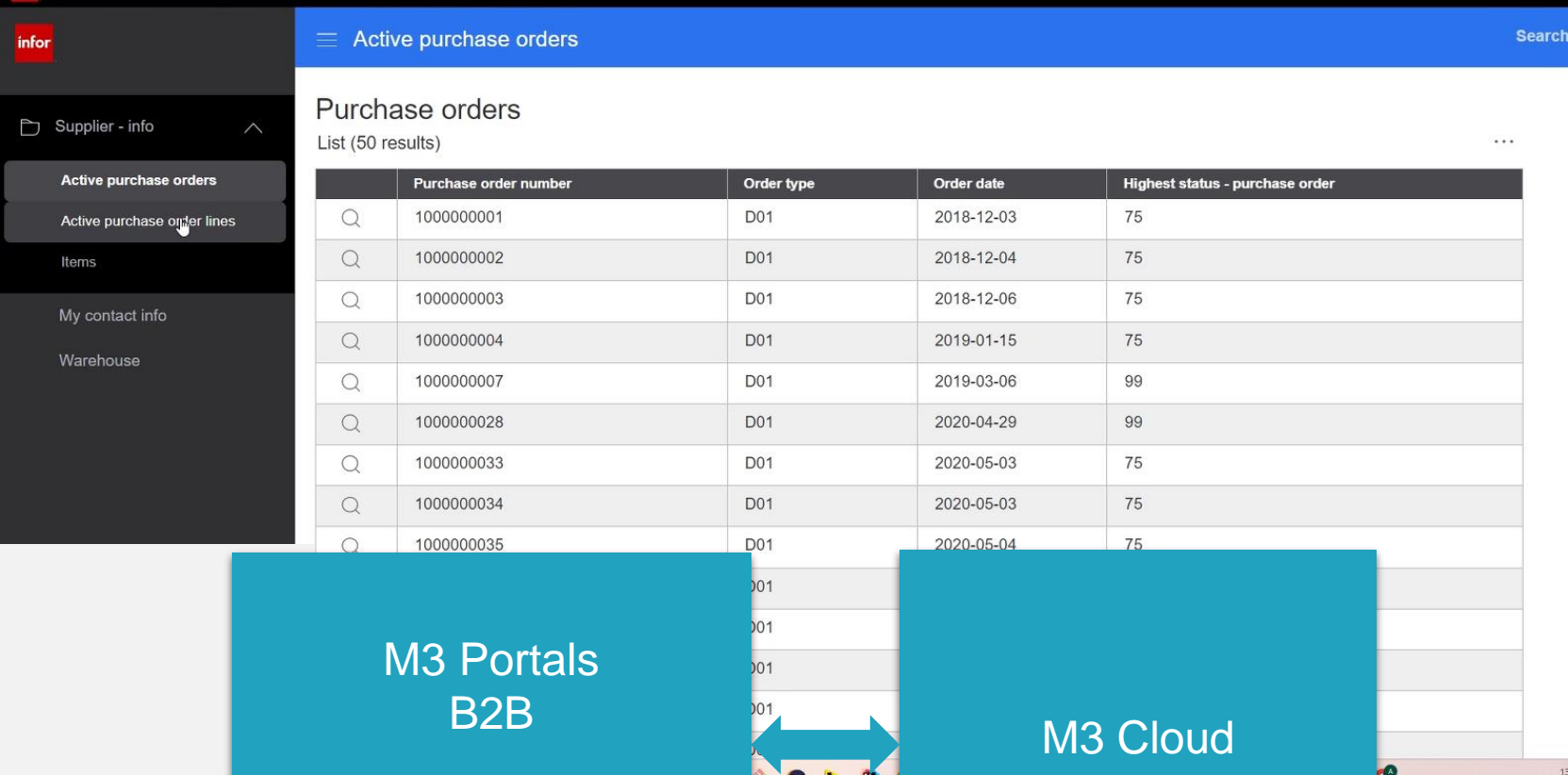
Phase 1 expected to include:

Processes

- Supplier maintenance (already released)
- Orders and Confirmation
- Shipment Advice
- Transport Notifications

Information exchange – viewing no updates

- Upload of documents - connected to a supplier (certificates to upload against a batch)
- Supplier Agreements
- Material Plan
- Forecast
- Supplier Statistics
- Item information



Active purchase orders

Purchase orders
List (50 results)

	Purchase order number	Order type	Order date	Highest status - purchase order
Q	1000000001	D01	2018-12-03	75
Q	1000000002	D01	2018-12-04	75
Q	1000000003	D01	2018-12-06	75
Q	1000000004	D01	2019-01-15	75
Q	1000000007	D01	2019-03-06	99
Q	1000000028	D01	2020-04-29	99
Q	1000000033	D01	2020-05-03	75
Q	1000000034	D01	2020-05-03	75
Q	1000000035	D01	2020-05-04	75

M3 Portals B2B Supplier Portal ↔ **M3 Cloud**

Value

- 24x7 up-to-date information
- Faster and more accurate by capturing data at the source
- Easy to use and configure

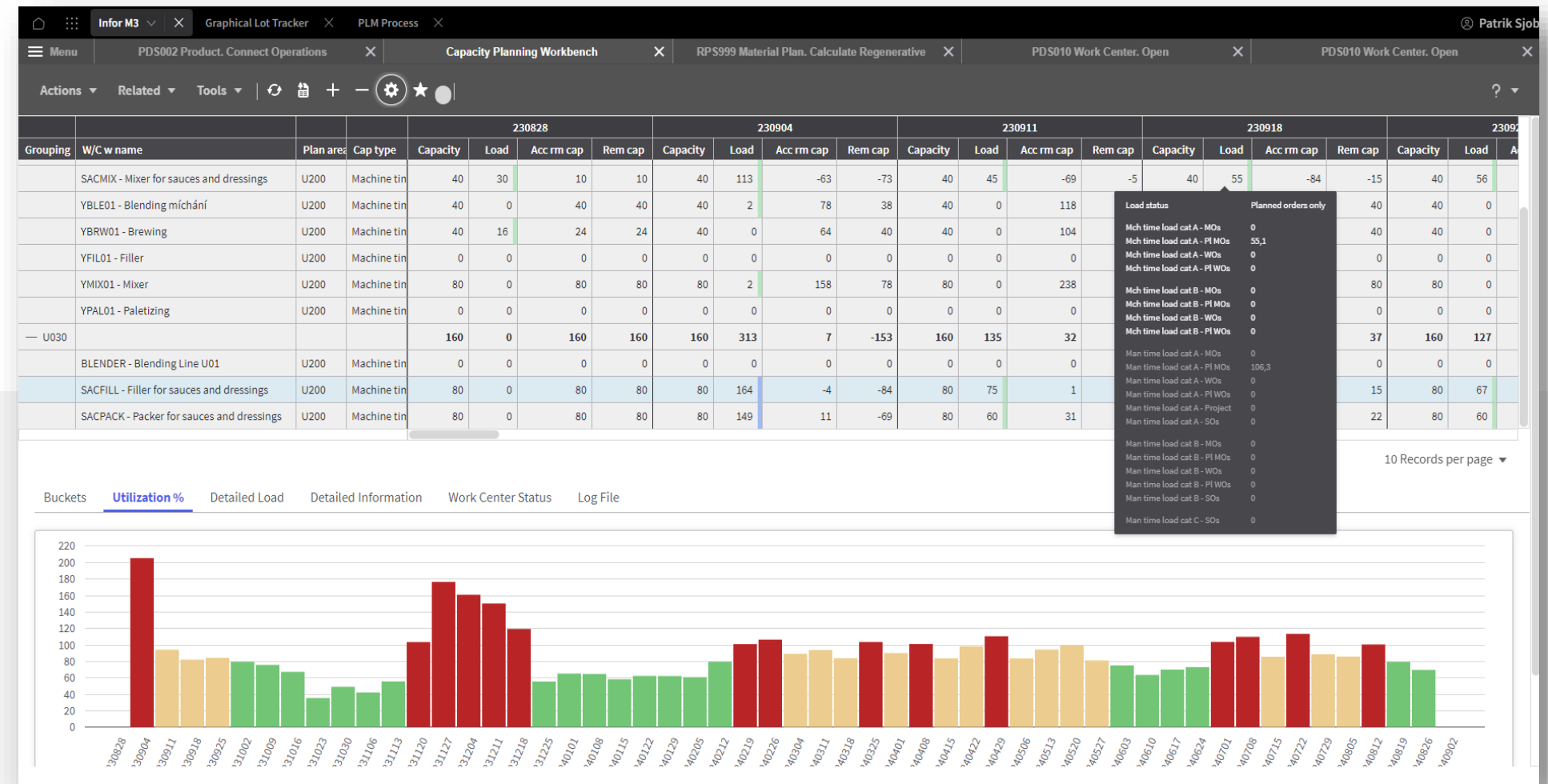
October 2023

Capacity Planning Workbench

Analyze your real time manufacturing capacity and load situation

Workbench based on real time manufacturing data in M3 for planned and released manufacturing and work orders:

- Graphical visualization of capacity vs load inside M3
- Based on load from planned and released orders
- Identify overload and/or low resource utilization based on current MRP-plan.
- Favorite views with filtering and color-coding for analyzing:
 - Various types and priorities of load
 - Work-centers with over-load or low utilization
 - Planned maintenance
- Drill into MO or MOP and view root-causes and make decisions.



Value

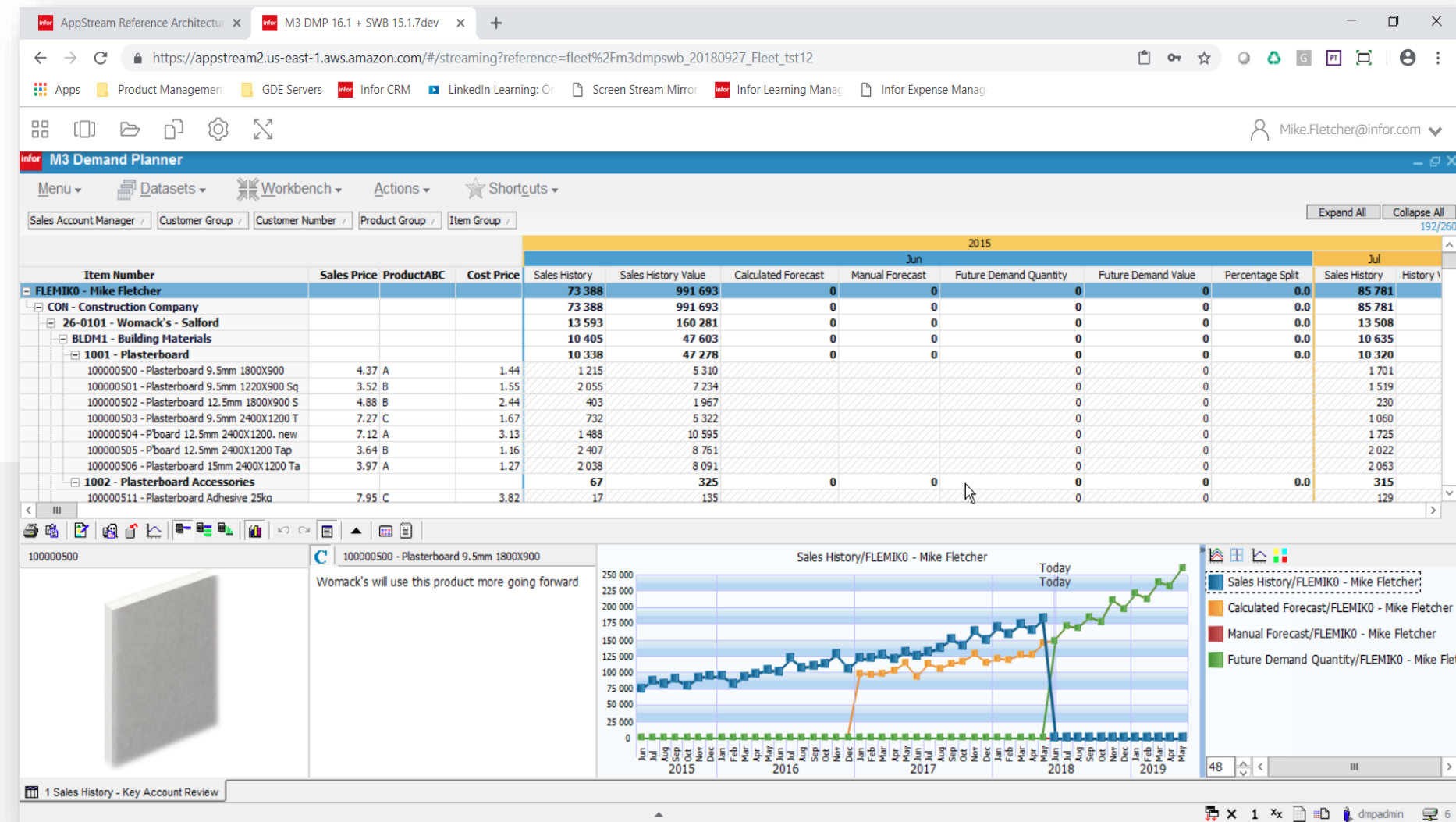
- Easy to implement – part of your core CloudSuite
- Easy to use with favorite views
- Early warnings when non-constrained plans are driving your material plan.

October 2023

MT M3 Demand Planner

Multi-tenant M3 Demand Planner

- Cloud 3.0 Secure
- Shared Infrastructure and Database technologies
- Auto Deployment and Scalability
- Single Sign On & Single Sign off through Web Connection
- Will use Amazon's AppStream Technology for the User access – so no VPN needed
- Docker Technology for auto-scaling; same technology being used by other products within the CloudSuite



Value

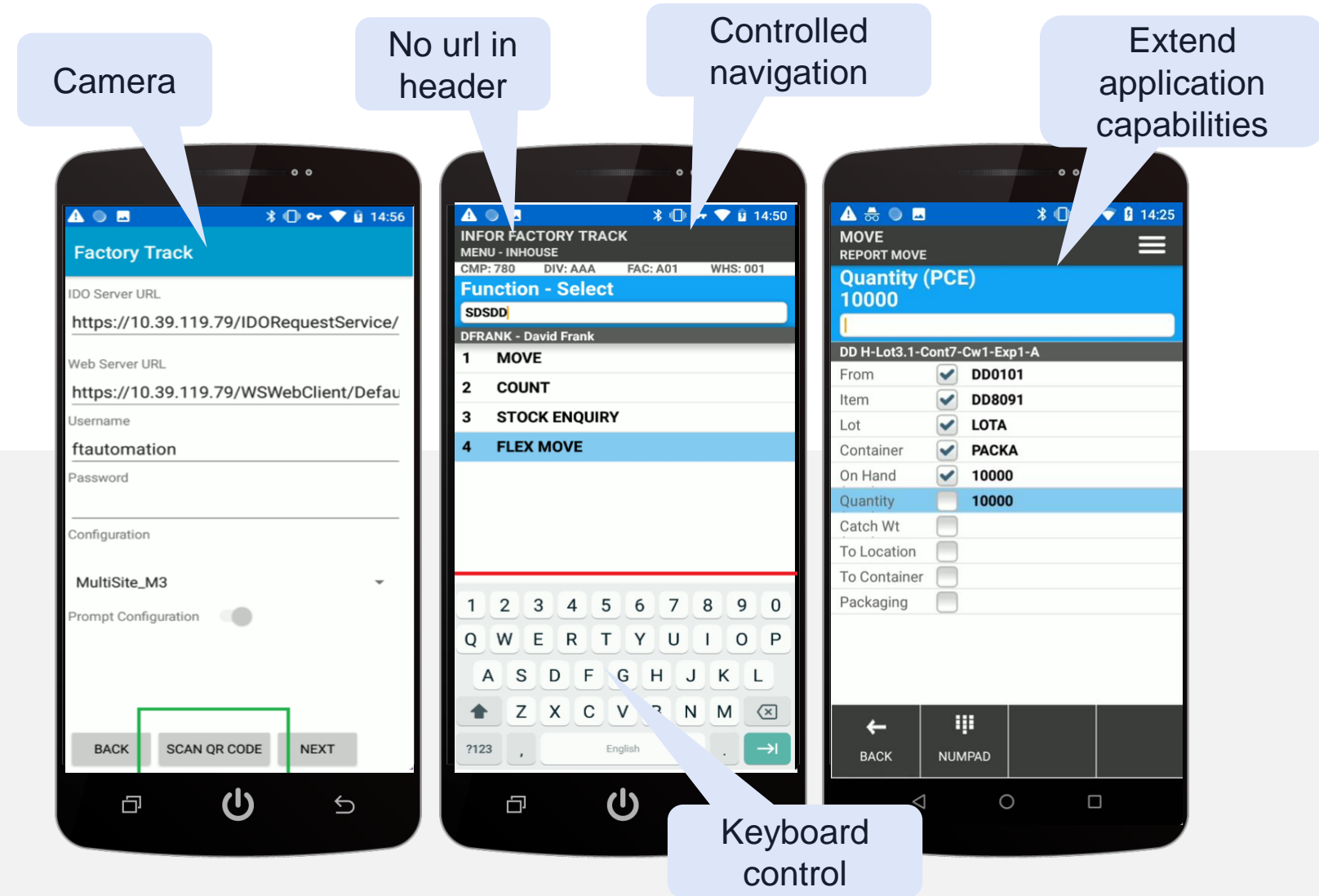
- Allow functionality within a multi-tenant environment
- Centrally controlled and deployed code for easy administration
- Allow move from On Premise or Single Tenant to Multi-Tenant; to remove Administration effort to keep up to date

October 2023

Factory Track Android app

Enhanced user experience and a platform for extending capabilities

- Android app = Industry standard for rugged devices
- Same online behavior for validating and processing transactions
- Supporting all transactions existing in web-UI
- Swipe to view/hide virtual keyboard and activate camera.
- Platform for integrating camera, IDM, location based services etc
- Device specific UI-configurations



User Experience

Improved UI control and responsiveness, color themes.

Free-up valuable space

Leverage device capabilities

Push messaging, camera, Local processing for speed

Future evolution

Limited offline capabilities (WiFi dead zones).

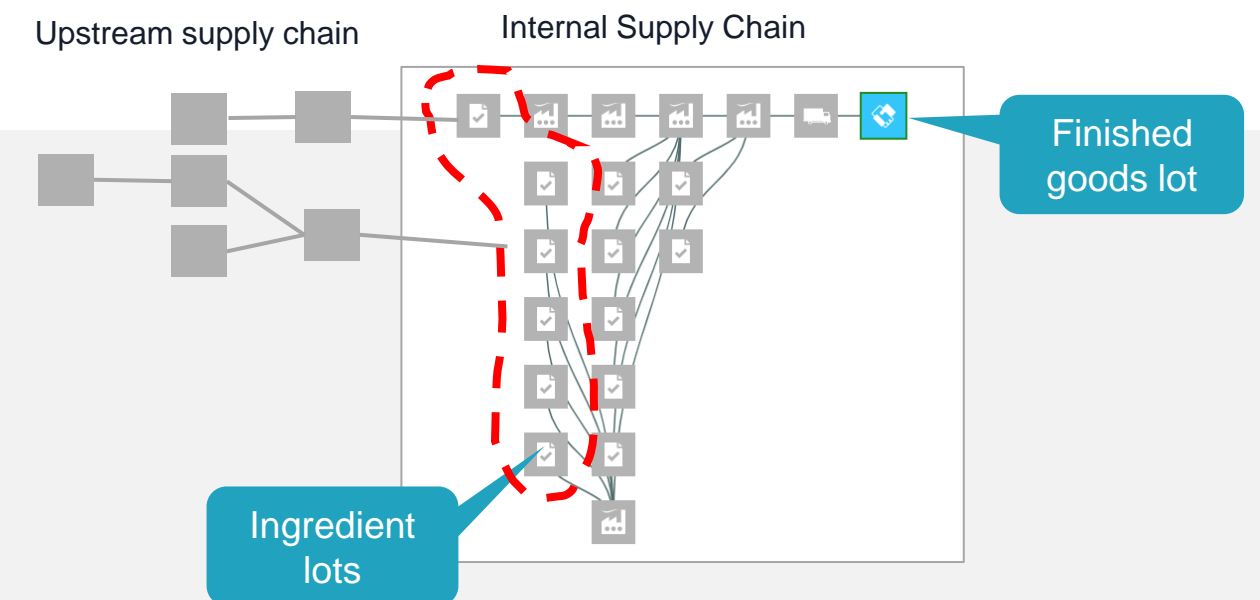
Augmented Reality, Location-based services.

2024 and onwards

GLT - API for Upstream trace of materials consumed

Blockchain technologies maturing and becoming an enabler for global track and trace

- Support the need for providing your part of the value chain to external track and trace datahubs and portals such as IBM FoodTrust and GS1
- GLT API answering the question:
 - “Which ingredient lots, and from which suppliers, were consumed when producing a specific finished goods lot”
- API being one component supporting and interface to external datahubs.



Value

- One point to retrieve complete list of inputs for a finished goods.
- Easier and more scalable to build integrations to external track and trace solutions.
- Global Field-to-fork Traceability and Transparency.

Recent news and roadmap

Longer term (3-5 year) direction

	2023	2024	2025 and beyond
Industry	<ul style="list-style-type: none"> Enterprise Quality Management PLM – GS1 Trade Item data Mgmt continued Additional discounts for CO Protein and Dairy enhancements Internal sales continued Capacity Planning Workbench 	<ul style="list-style-type: none"> Enterprise Quality Management continued Soft "attribute" allocation of inventory Forecast consumption & quota management Returnable packaging enhancements Trade Agreements phase 3 – Cross Division Deeper micro-vertical process catalogs 	<ul style="list-style-type: none"> Enterprise Quality Management continued PLM – Collaborative Development Extended TPM-processes Forecast consumption & quota management Mobile Milk collection Micro vertical and add-on IPCs Trade Agreements phase 4
Experiences	<ul style="list-style-type: none"> New M3 ERP User Experience platform OS Portal for industry workspaces Portals – Supplier Portal Demand Planner new UX Industry workspaces and widgets Factory Track in Android app Scheduler – web UI completion 	<ul style="list-style-type: none"> Experience designer enhancements Industry workbenches to key processes Self-service portals extended RPA for M3 – use cases repetitive processes Embedded Analytics 	<ul style="list-style-type: none"> Voice technology at factory and warehouse floor to improve productivity Consumer transparency app High productivity UX for additional roles Automated TP-settlements
Innovation	<ul style="list-style-type: none"> Pilot AI/Machine learning for F&B use cases. EDI-templates for EDI (Infor and SPS) Minimize down-time. Mega-scalability Sustainability reporting phase 1 Application Configuration Management 	<ul style="list-style-type: none"> Integrate Manufacturing Execution – MES GLT – datalake streaming for reporting Design and plan for sustainability Attributes/events with ML-based forecasting Global food traceability Industry content for reduced T2V Advanced WMS for F&B AI use-cases for adaptive expiry date, QI-grading/testing, packing opt., put-away etc, 	<ul style="list-style-type: none"> DSD – Route/ Van Sales Processes Automated sustainability reporting Deeper extensibility and more APIs Self Implementation methodologies

INFOTEAM Days

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