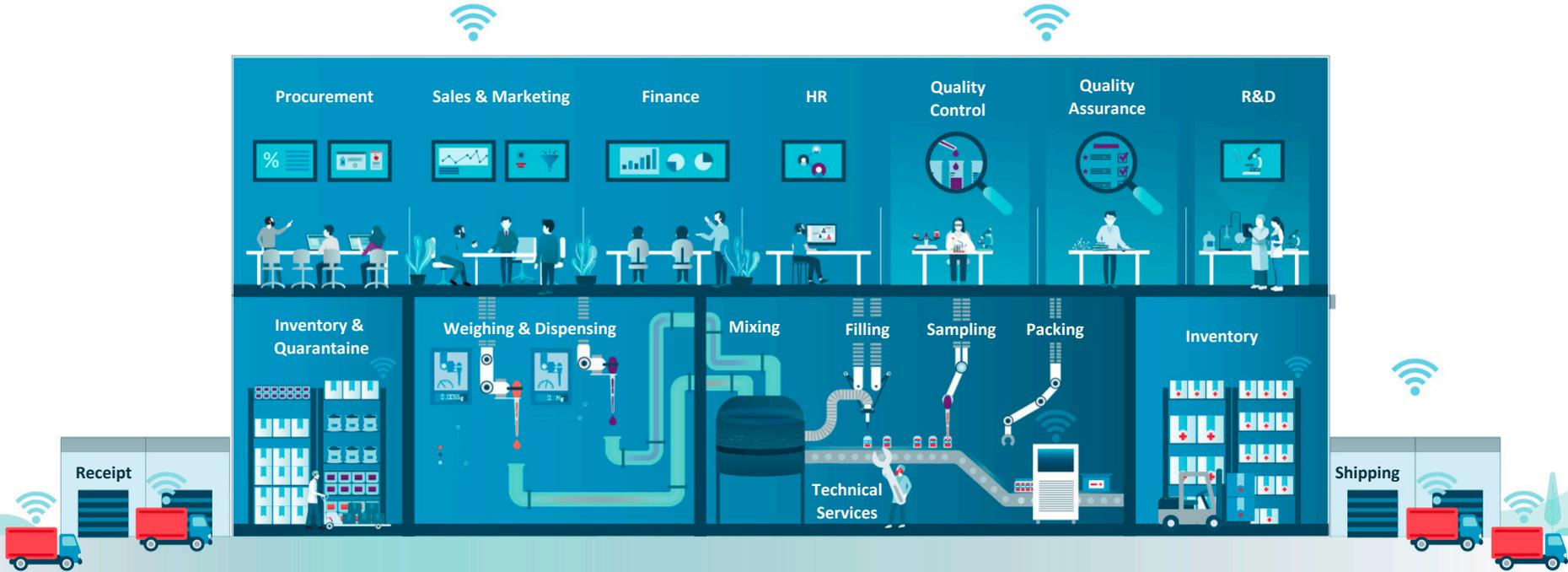


Become a connected PHARMA & LIFE SCIENCES company



Dynamics for Pharma

End-to-End Solution



Dynamics for Pharma & Life Sciences

Overview of the Key Capabilities



	Regulatory Compliance	Lot Traceability	Pharma Manufacturing	Quality Management	Inventory & Material Management
Microsoft Dynamics for PHARMA	21 CFR Part 11 Compliant Electronic Signature	Container/Drum/Sub-Batch Management	Weighing & Dispensing	Vendor & Manufacturer Qualification/Approval	Temperature Monitoring
	Mobile Device Security	Advanced Product and Batch Numbering	Interface with Weighing Scales for W&D, Consumption and RAF	Advanced Specification/Test Group Management	Sampling
	Product Creation and Modification Approval Workflows	Approved Customer/Vendor/Manufacturer List	Tolerance Management	Statistical Test Criteria	RF Scanning & Barcoding
	Advanced Shelf Life Date Calculation Rules	Label Printing and Reprinting	Reconciliation of Production Components	Periodic/Skip Testing	Picking & Put Away Strategies
	Restrictions on Batch Disposition Changes	Batch Disposition Traceability	Advanced Production Consumption in Mobile Device	Quality Orders for Transfer & Sales Return	Advanced Purchase Receipt in Mobile Device
	QP Shipment Approval	Forward/Backward Traceability & Recall Management	Rework & Reprocess Management	Quality Order Approval Workflow	Advanced Production RAF in Mobile Device
Microsoft Dynamics	Planning & Manufacturing Execution	Inventory & Warehouse Management	Transport Management	Product Information Management	
	Project Management & Accounting	Expense Management	Procurement and Sourcing	Asset Management	
	Marketing Management	Financial Management & Budgeting	Sales Management	Human Resource Management	
Business Intelligence	Collaboration & Portals		Workflow Management		Integrations

Key Drivers

What our customers are looking for in a Pharma & Life Sciences Solution

Regulatory
Compliance

Lot Traceability

Pharma
Manufacturing

Quality Management

Inventory & Material
Management

Comply with Regulatory Requirements

- Achieve and maintain compliance with GxP regulations and guidelines from international agencies and organizations (EMA, FDA, WHO, ICH, etc.).
- Produce and store accurate and consistent data, maintain a transparent and tamper-proof electronic audit trail for electronic records.
- Streamline Computer System Validation (CSV) activities in compliance with GAMP5 risk-based approach for GxP computerized systems, 21 CFR Part 11, 21 CFR Part 820 and EudraLex Volume 4 Annex 11 and Annex 15.



OBJECTIVE

Key Drivers

Overview of the Dynamics for Pharma & Life Sciences Solution

Regulatory
Compliance

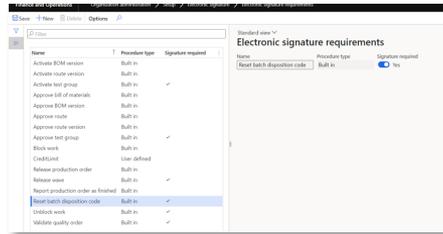
Lot Traceability

Pharma
Manufacturing

Quality Management

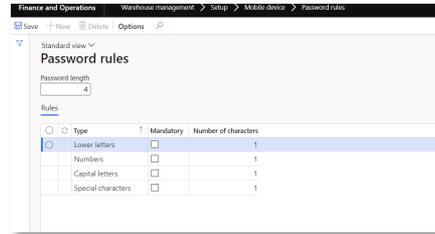
Inventory & Material
Management

Electronic Signature



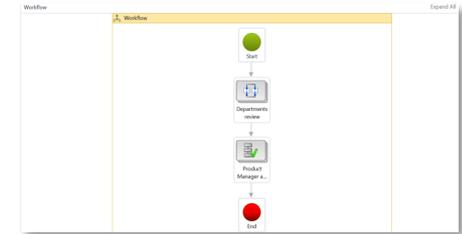
Enforce electronic signature requirements for GxP critical processes (approval of BOM's, approval of quality specifications, batch disposition changes, QP shipment approval, etc.)

Mobile Device Security



Provide secure and traceable access to the mobile devices used by warehouse & production operators on the floor

Product Approval Workflows



Set up multi-level configurable workflows for the creation and modification of released products, thus entrusting the corporate functions to populate the fields of their competence and tracking their approval



Solutions

Key Drivers

What our customers are looking for in a Pharma & Life Sciences Solution

Regulatory
Compliance

Lot Traceability

Pharma
Manufacturing

Quality Management

Inventory & Material
Management

Maintain Full Lot Traceability

- Improve the traceability of items throughout the entire supply chain with lot tracking and container/drum management.
- Monitor the lifecycle of each lot/batch of material from vendor receipt of raw materials through delivery of manufactured products to the customer.
- Promptly react to defective products and hazards to reduce customer chargebacks and avoid industry fines, as well as implement continuous improvement processes.



OBJECTIVE

Key Drivers

Overview of the Dynamics for Pharma & Life Sciences Solution

Regulatory Compliance

Lot Traceability

Pharma Manufacturing

Quality Management

Inventory & Material Management

Container/Drum Management

Uniquely identify each container/drum that is part of a specific lot, and maintain full traceability throughout the entire supply chain

Product & Lot Numbering

Automatically generate product & lot numbers based on configurable rules, thus providing flexibility to meet the company-specific requirements

Approved Customer/Vendor/Manufacturer

Customer account	Product code type	Item relation	Vendor account	Manufacturer
US-030	Table	AP210077	US-104	WEST
US-031	Group	CONTROLAP	US-104	EVON
US-031	Group	CONTROLAP	US-104	WEST

Enforce approval on the supply chain from the customer back to the supplier of the starting material and original manufacturer



Solutions

Key Drivers

Overview of the Dynamics for Pharma & Life Sciences Solution

Regulatory Compliance

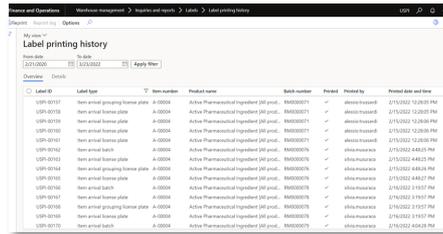
Lot Traceability

Pharma Manufacturing

Quality Management

Inventory & Material Management

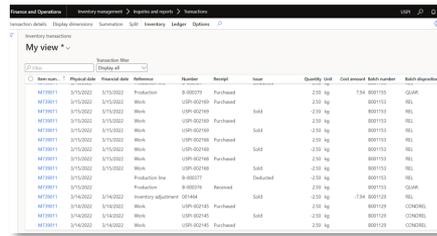
Label Printing & Reprinting



Label printing history

Label ID	Label type	Item number	Product name	Batch number	Printed	Printed by	Printed date and time
USP-00107	Item actual grouping barcode plate	A-00004	Active Pharmaceutical Ingredient 200 prod.	800000017	✓	alexandros	3/15/2022 12:28:03 PM
USP-00108	Item actual barcode plate	A-00004	Active Pharmaceutical Ingredient 200 prod.	800000017	✓	alexandros	3/15/2022 12:28:04 PM
USP-00109	Item actual barcode plate	A-00004	Active Pharmaceutical Ingredient 200 prod.	800000017	✓	alexandros	3/15/2022 12:28:04 PM
USP-00110	Item actual barcode plate	A-00004	Active Pharmaceutical Ingredient 200 prod.	800000017	✓	alexandros	3/15/2022 12:28:04 PM
USP-00111	Item actual barcode plate	A-00004	Active Pharmaceutical Ingredient 200 prod.	800000017	✓	alexandros	3/15/2022 12:28:04 PM
USP-00112	Item actual barcode plate	A-00004	Active Pharmaceutical Ingredient 200 prod.	800000017	✓	alexandros	3/15/2022 12:28:04 PM
USP-00113	Item actual barcode plate	A-00004	Active Pharmaceutical Ingredient 200 prod.	800000017	✓	alexandros	3/15/2022 12:28:04 PM
USP-00114	Item actual grouping barcode plate	A-00004	Active Pharmaceutical Ingredient 200 prod.	800000017	✓	alexandros	3/15/2022 12:28:04 PM
USP-00115	Item actual barcode plate	A-00004	Active Pharmaceutical Ingredient 200 prod.	800000017	✓	alexandros	3/15/2022 12:28:04 PM
USP-00116	Item actual barcode plate	A-00004	Active Pharmaceutical Ingredient 200 prod.	800000017	✓	alexandros	3/15/2022 12:28:04 PM
USP-00117	Item actual barcode plate	A-00004	Active Pharmaceutical Ingredient 200 prod.	800000017	✓	alexandros	3/15/2022 12:28:04 PM
USP-00118	Item actual barcode plate	A-00004	Active Pharmaceutical Ingredient 200 prod.	800000017	✓	alexandros	3/15/2022 12:28:04 PM
USP-00119	Item actual barcode plate	A-00004	Active Pharmaceutical Ingredient 200 prod.	800000017	✓	alexandros	3/15/2022 12:28:04 PM
USP-00120	Item actual barcode plate	A-00004	Active Pharmaceutical Ingredient 200 prod.	800000017	✓	alexandros	3/15/2022 12:28:04 PM

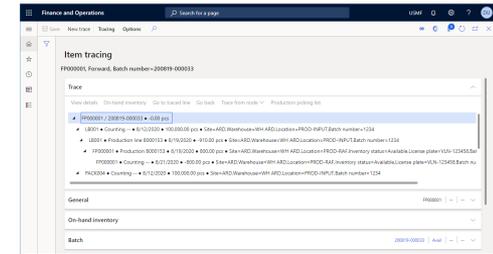
Batch Disposition Traceability



Batch Disposition Traceability

Item number	Physical date	Physical date	Reference	Material	Receipt	Issue	Quantity	Unit	Cost amount	Batch number	Asset description
MF10011	3/15/2022	3/15/2022	Production	B-00017	Purchased		230 kg	134	800103	Q048	
MF10011	3/15/2022	3/15/2022	Work	USP-00140	Purchased		230 kg		800103	REL	
MF10011	3/15/2022	3/15/2022	Work	USP-00140		Sold	-230 kg		800103	REL	
MF10011	3/15/2022	3/15/2022	Work	USP-00140	Purchased		230 kg		800103	REL	
MF10011	3/15/2022	3/15/2022	Work	USP-00140		Sold	-230 kg		800103	REL	
MF10011	3/15/2022	3/15/2022	Work	USP-00140	Purchased		230 kg		800103	REL	
MF10011	3/15/2022	3/15/2022	Work	USP-00140		Sold	-230 kg		800103	REL	
MF10011	3/15/2022	3/15/2022	Work	USP-00140	Purchased		230 kg		800103	REL	
MF10011	3/15/2022	3/15/2022	Work	USP-00140		Sold	-230 kg		800103	REL	
MF10011	3/15/2022	3/15/2022	Production line	B-00017		Substituted			800103	REL	
MF10011	3/15/2022	3/15/2022	Production	B-00017	Received		230 kg		800103	Q048	
MF10011	3/14/2022	3/14/2022	Inventory adjustment	05144		Sold	-230 kg	174	800103	REL	
MF10011	3/14/2022	3/14/2022	Work	USP-00141	Purchased		230 kg		800103	C048REL	
MF10011	3/14/2022	3/14/2022	Work	USP-00141		Sold	-230 kg		800103	C048REL	
MF10011	3/14/2022	3/14/2022	Work	USP-00141	Purchased		230 kg		800103	C048REL	
MF10011	3/14/2022	3/14/2022	Work	USP-00141		Sold	-230 kg		800103	C048REL	

Lot Traceability & Recall



Item tracing

FR00005, Forward, Batch number=200919-00033

Trace

- FR00005, Forward, Batch number=200919-00033
 - USP-00107 Counting = 4/15/2022 @ 10:00:00 pm • Site=AEI Warehouse-WH-402 Location=PROD-IMPV1 Batch number=124
 - USP-00107 Production line 8000115 @ 3/15/2022 @ 9:10:00 pm • Site=AEI Warehouse-WH-402 Location=PROD-IMPV1 Batch number=124
 - FR00005 Production 8000115 @ 3/15/2022 @ 10:00:00 pm • Site=AEI Warehouse-WH-402 Location=PROD-IMPV1 Inventory status Available Location plate=USP-00107
 - FR00005 Counting = 4/15/2022 @ 10:00:00 pm • Site=AEI Warehouse-WH-402 Location=PROD-IMPV1 Inventory status Available Location plate=USP-00107
 - FR00005 Counting = 3/15/2022 @ 10:00:00 pm • Site=AEI Warehouse-WH-402 Location=PROD-IMPV1 Batch number=124

General

On-hand inventory

Batch



Meet legal requirements for the labels set by federal law and specific regulations by tracking printing and reprinting activities for any type of label

Capture the disposition status of the material in any transaction to analyze the evolution of the quality status of a particular batch and easily inspect the history

Get a complete end-to-end view on the process flow of every single lot and the involved customers, suppliers, locations, production orders, quality orders... allowing appropriate and immediate actions in case of a recall

Key Drivers

What our customers are looking for in a Pharma & Life Sciences Solution

Regulatory
Compliance

Lot Traceability

Pharma
Manufacturing

Quality Management

Inventory & Material
Management

Operate Agile Factories

- Improve production efficiency and reduce downtime.
- Optimally plan and combine upstream & downstream manufacturing, packaging, MSAT and contract manufacturing processes
- Support production and raw material consumption in line with changing customer-specific requirements.



OBJECTIVE

Key Drivers

Overview of the Dynamics for Pharma & Life Sciences Solution

Regulatory Compliance

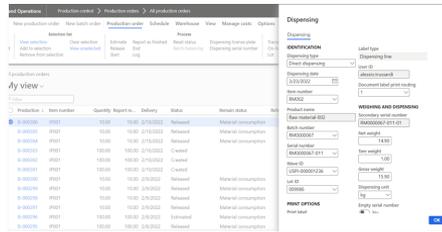
Lot Traceability

Pharma Manufacturing

Quality Management

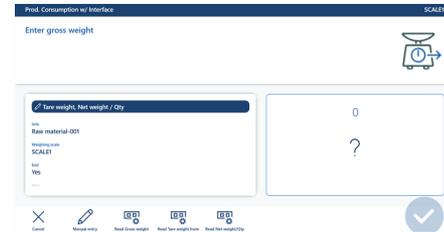
Inventory & Material Management

Weighing & Dispensing



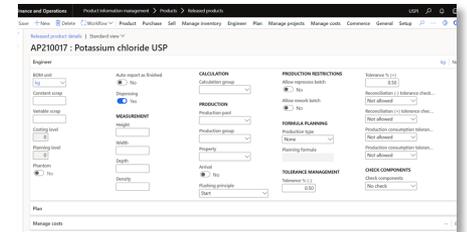
Introduce guided and precise execution of weighing & dispensing operations for production, in compliance with industry standards and regulatory requirements

Interface with Weighing Scales



Implement real-time communication between weighing scales in the production room and the ERP system in order to automatically collect weight measurements directly from the scale

Tolerance Management



Control tolerance specifications for picking, weighing & dispensing, reconciliation and material consumption



Solutions

Key Drivers

Overview of the Dynamics for Pharma & Life Sciences Solution

Regulatory Compliance

Lot Traceability

Pharma Manufacturing

Quality Management

Inventory & Material Management

Reconciliation

Item: RM001
Raw material-001
Released qty: 70 kg
Reconciliation qty: 60 kg
Discrepancy: -40 kg, Out of tolerance 79.80%

Product: B-000310

Back

Production Consumption

Item: Raw material-001

Item: RM001

Group weight	Item	Quantity	Unit	Status
105.5	RM001	100.00	kg	OK
1	RM001	100.00	kg	OK
104.5	RM001	100.00	kg	OK
10	RM001	100.00	kg	OK

Rework & Reprocess

Process: My view

Production	Item number	Quantity	Report no.	Delivery	Status	Process status
0-000000	RM001	100.00	10000	01/2021	Cancelled	Cancelled
0-000001	RM001	100.00	01/2021	Cancelled	Cancelled	Cancelled
0-000002	RM001	100.00	01/2021	Cancelled	Cancelled	Cancelled
0-000003	RM001	100.00	01/2021	Cancelled	Cancelled	Cancelled
0-000004	RM001	100.00	01/2021	Cancelled	Cancelled	Cancelled
0-000005	RM001	100.00	01/2021	Cancelled	Cancelled	Cancelled
0-000006	RM001	100.00	01/2021	Cancelled	Cancelled	Cancelled
0-000007	RM001	100.00	01/2021	Cancelled	Cancelled	Cancelled
0-000008	RM001	100.00	01/2021	Cancelled	Cancelled	Cancelled
0-000009	RM001	100.00	01/2021	Cancelled	Cancelled	Cancelled
0-000010	RM001	100.00	01/2021	Cancelled	Cancelled	Cancelled
0-000011	RM001	100.00	01/2021	Cancelled	Cancelled	Cancelled
0-000012	RM001	100.00	01/2021	Cancelled	Cancelled	Cancelled
0-000013	RM001	100.00	01/2021	Cancelled	Cancelled	Cancelled
0-000014	RM001	100.00	01/2021	Cancelled	Cancelled	Cancelled
0-000015	RM001	100.00	01/2021	Cancelled	Cancelled	Cancelled
0-000016	RM001	100.00	01/2021	Cancelled	Cancelled	Cancelled
0-000017	RM001	100.00	01/2021	Cancelled	Cancelled	Cancelled
0-000018	RM001	100.00	01/2021	Cancelled	Cancelled	Cancelled
0-000019	RM001	100.00	01/2021	Cancelled	Cancelled	Cancelled
0-000020	RM001	100.00	01/2021	Cancelled	Cancelled	Cancelled
0-000021	RM001	100.00	01/2021	Cancelled	Cancelled	Cancelled
0-000022	RM001	100.00	01/2021	Cancelled	Cancelled	Cancelled
0-000023	RM001	100.00	01/2021	Cancelled	Cancelled	Cancelled
0-000024	RM001	100.00	01/2021	Cancelled	Cancelled	Cancelled
0-000025	RM001	100.00	01/2021	Cancelled	Cancelled	Cancelled
0-000026	RM001	100.00	01/2021	Cancelled	Cancelled	Cancelled
0-000027	RM001	100.00	01/2021	Cancelled	Cancelled	Cancelled
0-000028	RM001	100.00	01/2021	Cancelled	Cancelled	Cancelled
0-000029	RM001	100.00	01/2021	Cancelled	Cancelled	Cancelled
0-000030	RM001	100.00	01/2021	Cancelled	Cancelled	Cancelled
0-000031	RM001	100.00	01/2021	Cancelled	Cancelled	Cancelled
0-000032	RM001	100.00	01/2021	Cancelled	Cancelled	Cancelled
0-000033	RM001	100.00	01/2021	Cancelled	Cancelled	Cancelled
0-000034	RM001	100.00	01/2021	Cancelled	Cancelled	Cancelled
0-000035	RM001	100.00	01/2021	Cancelled	Cancelled	Cancelled
0-000036	RM001	100.00	01/2021	Cancelled	Cancelled	Cancelled
0-000037	RM001	100.00	01/2021	Cancelled	Cancelled	Cancelled
0-000038	RM001	100.00	01/2021	Cancelled	Cancelled	Cancelled
0-000039	RM001	100.00	01/2021	Cancelled	Cancelled	Cancelled
0-000040	RM001	100.00	01/2021	Cancelled	Cancelled	Cancelled
0-000041	RM001	100.00	01/2021	Cancelled	Cancelled	Cancelled
0-000042	RM001	100.00	01/2021	Cancelled	Cancelled	Cancelled
0-000043	RM001	100.00	01/2021	Cancelled	Cancelled	Cancelled
0-000044	RM001	100.00	01/2021	Cancelled	Cancelled	Cancelled
0-000045	RM001	100.00	01/2021	Cancelled	Cancelled	Cancelled
0-000046	RM001	100.00	01/2021	Cancelled	Cancelled	Cancelled
0-000047	RM001	100.00	01/2021	Cancelled	Cancelled	Cancelled
0-000048	RM001	100.00	01/2021	Cancelled	Cancelled	Cancelled
0-000049	RM001	100.00	01/2021	Cancelled	Cancelled	Cancelled
0-000050	RM001	100.00	01/2021	Cancelled	Cancelled	Cancelled



Ensure all materials to be consumed for the production process of manufactured products are correctly accounted for, and no errors occur that may impact patient safety

Process material consumption with the mobile device ensuring any deviation from the standard formulation is small enough to have no impact on quality

Handle reworking and reprocessing scenarios with a different level of restrictions according to GMP guidelines

Key Drivers

What our customers are looking for in a Pharma & Life Sciences Solution

Regulatory
Compliance

Lot Traceability

Pharma
Manufacturing

Quality Management

Inventory & Material
Management



OBJECTIVE

Quality by design

- Improve production standards and manufacture high-quality products
- Increase customers' confidence in the safety and effectiveness of medications
- Accommodate regular quality control tests, result tracking and implementation of corrective actions without the need for a separate Laboratory Information Management System (LIMS)



Key Drivers

Overview of the Dynamics for Pharma & Life Sciences Solution

Regulatory Compliance

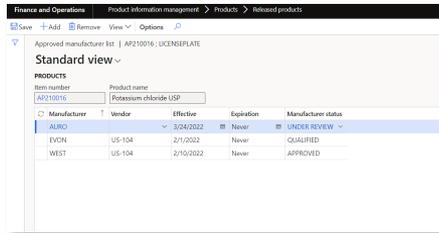
Lot Traceability

Pharma Manufacturing

Quality Management

Inventory & Material Management

Vendor & Manufacturer Qualification/Approval

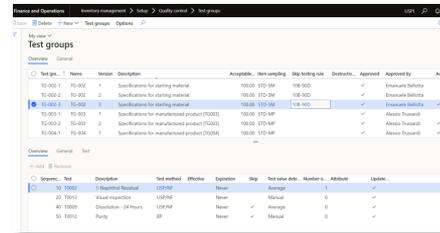


Standard view

Item number	Product name	Manufacturer	Vendor	Effective	Expiration	Manufacturer status
AP210016	Potassium chloride USP	ALMO	US-104	3/24/2022	Never	UNDER REVIEW
		EVON	US-104	2/1/2022	Never	QUALIFIED
		WEST	US-104	2/15/2022	Never	APPROVED

Perform selection, qualification, approval and maintenance of suppliers of starting materials, and drive quality control activities based on the qualification/approval status

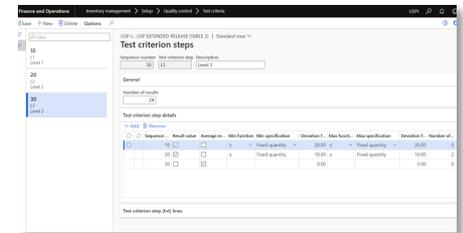
Specification Management



Test group	Name	Location	Description	Acceptance	Non-compliance	Slip testing rate	Details	Approval	Approval to	Action
10-002-1	10-002	1	Specifications for starting material	100.00	100.00	100.00		✓	Exempted facility	✓
10-002-2	10-002	2	Specifications for starting material	100.00	100.00	100.00		✓	Exempted facility	✓
10-003-1	10-003	1	Specifications for manufactured product (70001)	100.00	100.00	100.00		✓	Always Inspected	✓
10-003-2	10-003	2	Specifications for manufactured product (70001)	100.00	100.00	100.00		✓	Always Inspected	✓
10-004-1	10-004	1	Specifications for manufactured product (70001)	100.00	100.00	100.00		✓	Always Inspected	✓

Maintain authorized and dated specifications for all materials and track periodic revisions to comply with new editions of national pharmacopeias or other official compendia

Statistical Test Criteria



Step	Description	Acceptance	Non-compliance	Slip testing rate	Details	Approval	Approval to	Action
10	USP - USP VETERINARY RELEASE CRITERIA 1							
10	USP - USP VETERINARY RELEASE CRITERIA 1							
10	USP - USP VETERINARY RELEASE CRITERIA 1							

Configure tests that require the definition of multi-level evaluation criteria (dissolution, uniformity of dosage, etc.)



Solutions

Key Drivers

What our customers are looking for in a Pharma & Life Sciences Solution

Regulatory
Compliance

Lot Traceability

Pharma
Manufacturing

Quality Management

Inventory & Material
Management



OBJECTIVE

Streamline Pharmaceutical Supply Chain

- Establish material requirements for production, control material usage and set specific goals for procurement and replenishment
- Simplify the supply chain workflow with built-in scanning capabilities of mobile devices and scanners
- Optimize sampling activities to consistently and rapidly monitor materials and interim products during production, thus accelerating product release



Key Drivers

Overview of the Dynamics for Pharma & Life Sciences Solution

Regulatory Compliance

Lot Traceability

Pharma Manufacturing

Quality Management

Inventory & Material Management



Solutions

Temperature Monitoring

Item no.	Item	Reference	Number	Quantity	Unit	Batch number	Location	Control plan	Temperature	Control E.	Control Tol.	Dr.
A-0000	34710002 41801 PM	Container	00100	100.00	kg	RM00000	REC1	20220117-01	15120			
A-0000	34710002 41801 PM	Transfer	00100	100.00	kg	RM00000	REC1	20220117-01	15120			
A-0000	34710002 41801 PM	Transfer	00100	100.00	kg	RM00000	REC1	20220117-01	15120			

Track the time spent by controlled items out of refrigerated zones (TOR/TOS) and compare it to the medicine's allowable excursion time

Advanced Purchase Receipt

Drum PO Receipt

Check values, then confirm

Vendor: Contoso Asia
Item: 001008
Batch: RM001 • Qty: 20.00 kg • Inventory status: Available • Batch number: RM0000008 • Serial number: RM0000008-001
Item ID: RM001 • Qty: 20.00 kg • Inventory status: Available • Batch number: RM0000008 • Serial number: RM0000008-002

Cancel

Handle the inbound process of lot and container/drum receipt into the warehouse using mobile devices

Advanced Production RAF

RAF Serial and Pkt. Entry

Check values, then confirm

kg

Item: Intermediate product-001
Batch number: QUAR
Item ID: RM001

11
10
9

Cancel

Create lots and containers/drums of manufactured product, print identification labels, and report as finished the actual quantity using mobile devices

Key Drivers

Overview of the Dynamics for Pharma & Life Sciences Solution

Regulatory Compliance

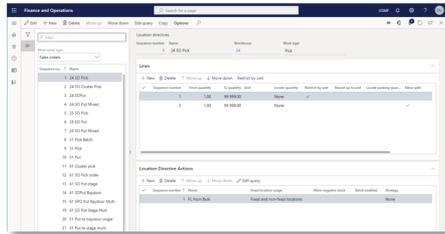
Lot Traceability

Pharma Manufacturing

Quality Management

Inventory & Material Management

Picking & Put Away Strategies



Optimize time and movements by adopting the best picking and put away strategies taking contamination and storage conditions into account

Sampling

A screenshot of the SAP 'Picking and Operations' interface showing a 'Standard view' of sampling data. It features a table with columns for 'Sample', 'Description', 'Sample type', 'Sampling type', 'Quality order', 'Batch number', 'Serial number', 'Sampling date', 'Operational date', and 'Created by'.

Sample	Description	Sample type	Sampling type	Quality order	Batch number	Serial number	Sampling date	Operational date	Created by
IP01-BK03-02		02	Pool	031411	IP001	IP001-BK031	15/10/2015		081
IP01-BK03-03-01	Sample 001	01	Container	031411	IP001	IP001-BK031-001	15/10/2015	12/11/2019	081
IP01-BK03-03-02		01	Container	031411	IP001	IP001-BK031-002	15/10/2015		081
IP01-BK03-03-03	UR-100L_PSample	01	Container	031438	IP001	IP001-BK031-001	9/18/2015		entire.wu@lsf.sap
IP01-BK03-03-04		01	Container	031438	IP001	IP001-BK031-002	15/10/2015		entire.wu@lsf.sap
IP01-BK03-03-05		01	Container	031438	IP001	IP001-BK031-003	15/10/2015		entire.wu@lsf.sap
IP01-BK03-03-06		01	Container	031438	IP001	IP001-BK031-004	15/10/2015		entire.wu@lsf.sap
IP01-BK03-03-07		01	Container	031438	IP001	IP001-BK031-005	15/10/2015		entire.wu@lsf.sap
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IP01-BK03-03-18		01	Container	031438	IP001	IP001-BK031-016	15/10/2015		entire.wu@lsf.sap
IP01-BK03-03-19		01	Container	031438	IP001	IP001-BK031-017	15/10/2015		entire.wu@lsf.sap
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IP01-BK03-03-74		01	Container	031438	IP001	IP001-BK031-072	15/10/2015		entire.wu@lsf.sap
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IP01-BK03-03-83		01	Container	031438	IP001	IP001-BK031-081	15/10/2015		entire.wu@lsf.sap
IP01-BK03-03-84		01	Container	031438	IP001	IP001-BK031-082	15/10/2015		entire.wu@lsf.sap
IP01-BK03-03-85		01	Container	031438	IP001	IP001-BK031-083	15/10/2015		entire.wu@lsf.sap
IP01-BK03-03-86		01	Container	031438	IP001	IP001-BK031-084	15/10/2015		entire.wu@lsf.sap
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IP01-BK03-03-88		01	Container	031438	IP001	IP001-BK031-086	15/10/2015		entire.wu@lsf.sap
IP01-BK03-03-89		01	Container	031438	IP001	IP001-BK031-087	15/10/2015		entire.wu@lsf.sap
IP01-BK03-03-90		01	Container	031438	IP001	IP001-BK031-088	15/10/2015		entire.wu@lsf.sap
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IP01-BK03-03-93		01	Container	031438	IP001	IP001-BK031-091	15/10/2015		entire.wu@lsf.sap
IP01-BK03-03-94		01	Container	031438	IP001	IP001-BK031-092	15/10/2015		entire.wu@lsf.sap
IP01-BK03-03-95		01	Container	031438	IP001	IP001-BK031-093	15/10/2015		entire.wu@lsf.sap
IP01-BK03-03-96		01	Container	031438	IP001	IP001-BK031-094	15/10/2015		entire.wu@lsf.sap
IP01-BK03-03-97		01	Container	031438	IP001	IP001-BK031-095	15/10/2015		entire.wu@lsf.sap
IP01-BK03-03-98		01	Container	031438	IP001	IP001-BK031-096	15/10/2015		entire.wu@lsf.sap
IP01-BK03-03-99		01	Container	031438	IP001	IP001-BK031-097	15/10/2015		entire.wu@lsf.sap
IP01-BK03-03-100		01	Container	031438	IP001	IP001-BK031-098	15/10/2015		entire.wu@lsf.sap
IP01-BK03-03-101		01	Container	031438	IP001	IP001-BK031-099	15/10/2015		entire.wu@lsf.sap
IP01-BK03-03-102		01	Container	031438	IP001	IP001-BK031-100	15/10/2015		entire.wu@lsf.sap

Conduct sampling activities and track information related to samples for batch release testing, in-process control, special controls, stability studies or other purposes

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