Forvis Mazars Now!
Integration Insights

July 2024

Microsoft
Solutions Partner

Business Applications

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Overview

Forvis Mazars Now! Integration Insights is a cloud native offering designed to manage all the system interfaces in one centralized location. It comes with a prebuilt set of interfaces with Dynamics 365 Finance and Supply Chain Management and provides KPIs and metrics to monitor the health of the enterprise. With a modern web portal, it allows users to easily identify anomalies, correct data, and resubmit data for processing.

Key Objectives

Forvis Mazars Now! Integration Insights is designed to meet these objectives:

- **Streamline Integration Processes**: One-stop solution for integrating systems and applications, reducing complexity and time spent on individual interfaces

- **Improve Data Quality & Accessibility**: Promote data consistency and reliability across platforms for better decision making.

- **Reduce Costs**: Help reduce the total cost of ownership; includes a prebuilt connection with D365 for multiple flows mitigating the need to build from scratch.

- **Standardize the UX**: Build new, standardized interfaces, reducing the time to market and enabling businesses to grow at scale.

- **Support Compliance**: Improve third-party compliance by providing KPIs and metrics on variances and anomalies.

- **Enhance Scalability & Flexibility**: Built on the Azure platform as a service tool, it can strengthen business agility.
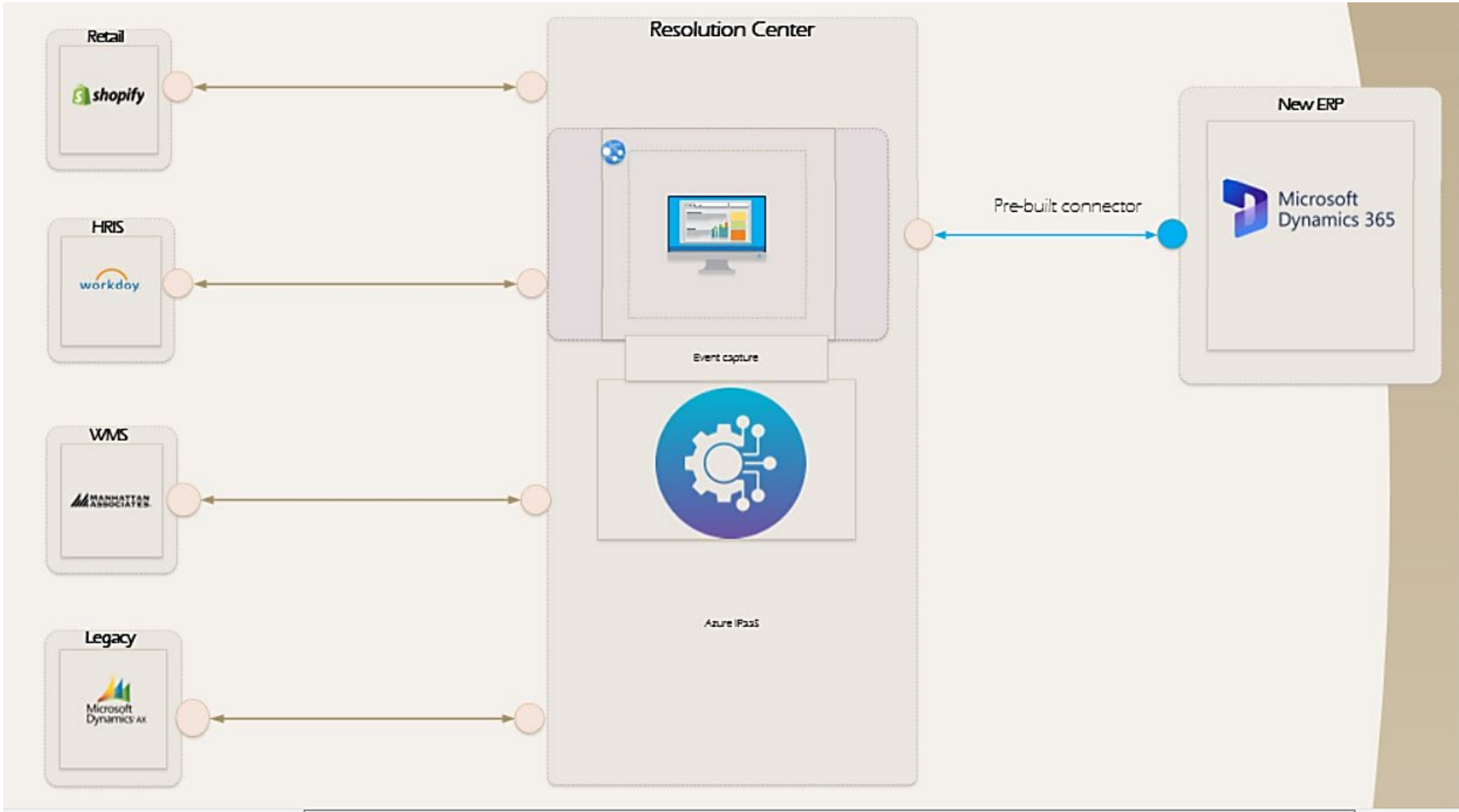
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Current Challenges

- Disparate systems creating **data silos** and complexities
- Inefficiencies caused by **redundant data handling** by using multiple different tools
- **Rebuild** similar interfaces ground up limiting scalability or integrating new acquisitions quickly
- Lack of **centralized monitoring** hindering operational insights

- Inability to add **new innovations** like generative AI
- **No reporting and insights** to enforce vendor compliance
- Considerable **manual overhead** for maintaining integrations, resulting in employee dissatisfaction
- Issues with **data integrity**; lack of timely delivery blurs the accurate depiction of data
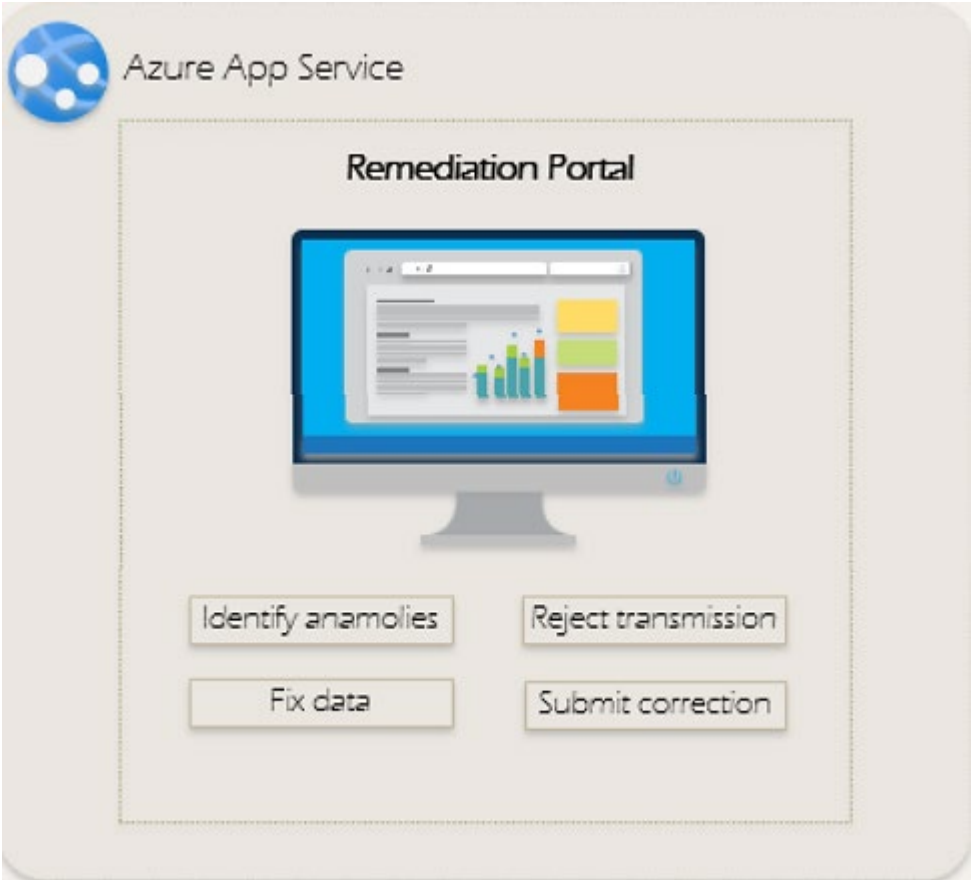
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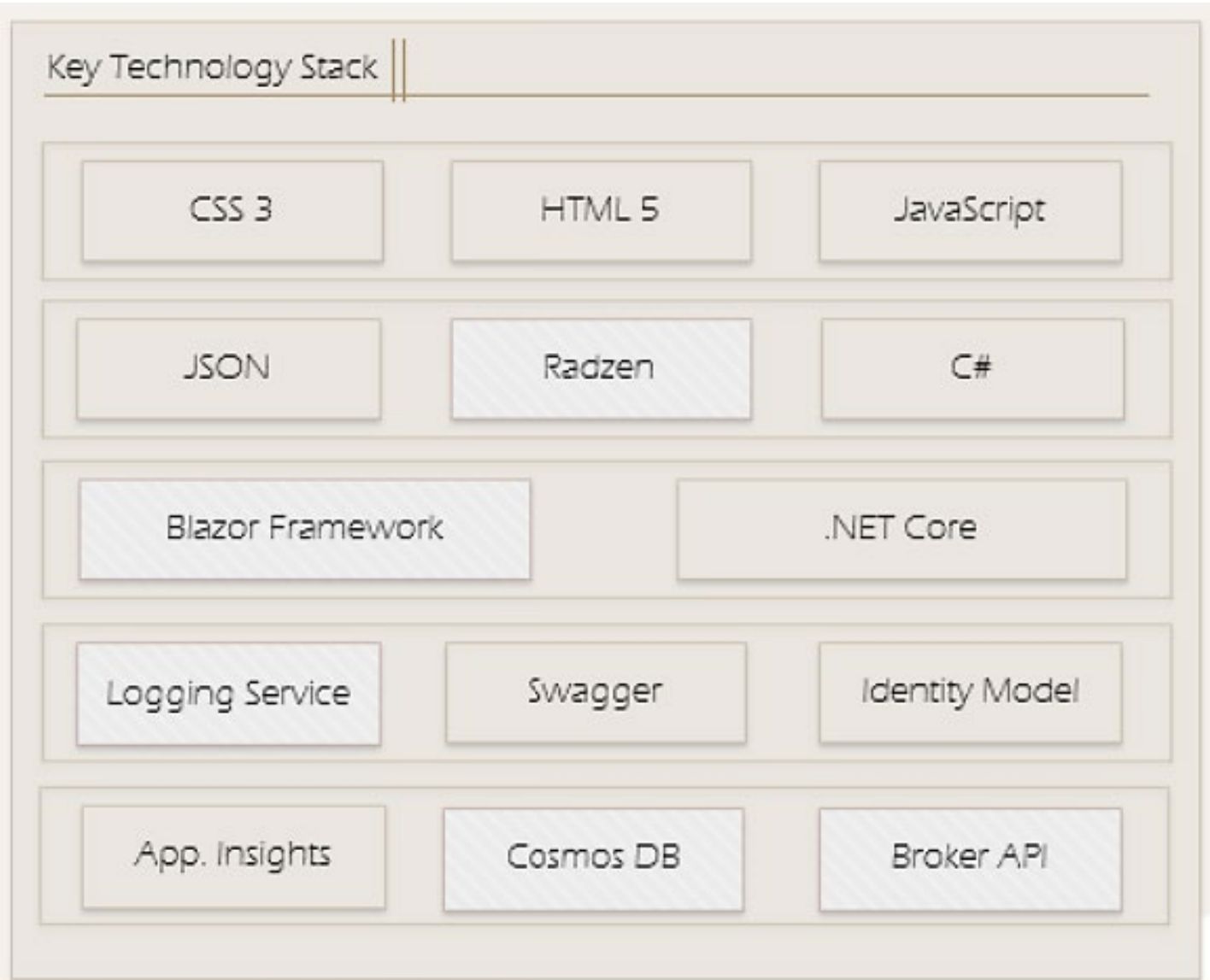
Solution Overview

The robust integration middleware, built on Azure PaaS, offers monitoring and troubleshooting capabilities through a web-based portal, including a prebuilt connector to D365 for validation error correction and seamless integration.

- Robust integration middleware leveraging Azure PaaS platform
- Provides capabilities to monitor and troubleshoot through a state-of-the-art web-based portal
  - Prebuilt connector to D365 provides validation errors so these can be corrected easily
- Provides KPIs and metrics to enforce vendor compliance
- Standardized data model for easy integration and deployment in a new environment
- Provides ability to correct incoming data to D365 for quick resolution

- Comes prebuilt and connected with D365 Finance and Supply Chain Management for the following features:
  - Outbound confirmed Purchase Order
  - Inbound Product receipts
  - Inbound Sales order shipments
  - Outbound transfer order shipments
  - Outbound Product catalog
  - Inbound Employee/Worker Updates
  - Outbound Realized Commerce Sales Transactions
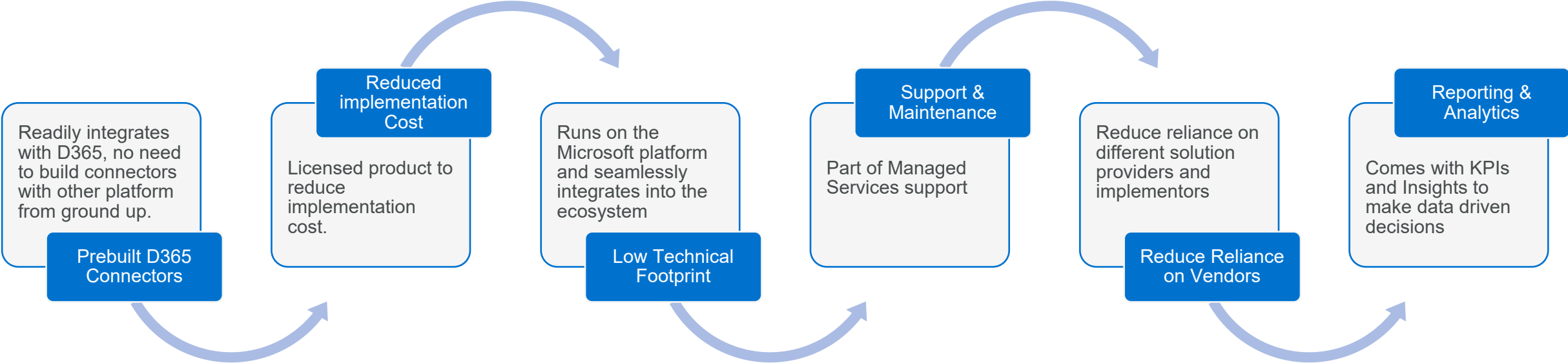
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Solution Overview, continued

Solution Overview, continued

Key Technology Stack

CSS 3	HTML 5	JavaScript
JSON	Radzen	C#
Blazor Framework		.NET Core
Logging Service	Swagger	Identity Model
App. Insights	Cosmos DB	Broker API

Azure App Service

Remediation Portal

Identify anamolies	Reject transmission
Fix data	Submit correction

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Robust Integration Middleware
Benefits

Business Process Automation	**Compliance & Governance**	**Analytics & Reporting**	**Reduced IT Complexity**
Reduced TCO	**Efficient Data Exchange**	**Improved Productivity**	**Enhanced Decision Making**
Scalability & Growth	**Flexibility**	**Monitoring & Troubleshooting**	**Data Security**

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Our Platform vs. Competitors
Advantages

Enhancing D365 Finance and Supply Chain Management by extending functionality cost-effectively.

Reduced implementation Cost

Readily integrates with D365, no need to build connectors with other platform from ground up.

Prebuilt D365 Connectors

Licensed product to reduce implementation cost.

Runs on the Microsoft platform and seamlessly integrates into the ecosystem

Low Technical Footprint

Support & Maintenance

Part of Managed Services support

Reduce reliance on different solution providers and implementors

Reduce Reliance on Vendors

Reporting & Analytics

Comes with KPIs and Insights to make data driven decisions

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Unique Data System

Integration Groups

SUPPLY CHAIN PARTNERS

TOTAL TRANSACTIONS: 119

ACTION REQUIRED: 66

| ⏮ | ◁ | | 1 |
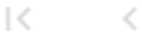
Supply Chain Partners Interfaces

PURCHASE ORDERS OUTBOUND

TOTAL TRANSACTIONS: 60

ACTION REQUIRED: 19

PURCHASE ORDER RECEIPTS INBOUND

TOTAL TRANSACTIONS: 59

ACTION REQUIRED: 47

| ⏮ | ◁ | | 1 |

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Breaking Down Data Silos

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Purchase Order Receipts Inbound

— Header

Time Generated
10/13/2023 7:37:48 PM +00:00

Id
1b16ba07-0a80-4787-bb7b-ef7965a5402d

Result Code
600

Result Message
Error

Correlation Id
97BB7305-0067-4723-B845-7B0794ADF40B

External Reference Id
6aae3273-3dc8-4262-9fca-2a6e4a2a2251

Operation Name
ProcessedWithErrors

Operation Status
Failure

Source
Partner

Target
D365FO

— Data

VALIDATION ERROR Results. Purchase Order 000402 and Line Number 1 can't be imported as Size Id differs from original PO Line Size Id.
VALIDATION ERROR Results. Purchase Order 000402 and Line Number 1 can't be imported as Location Id does not exist.

Purchase Order
000402

Line Number
1

Receipt Number

Receipt Date
10/13/2023 3:34:47 PM

Source Product Receipt Date
9/11/2023 9:27:00 PM

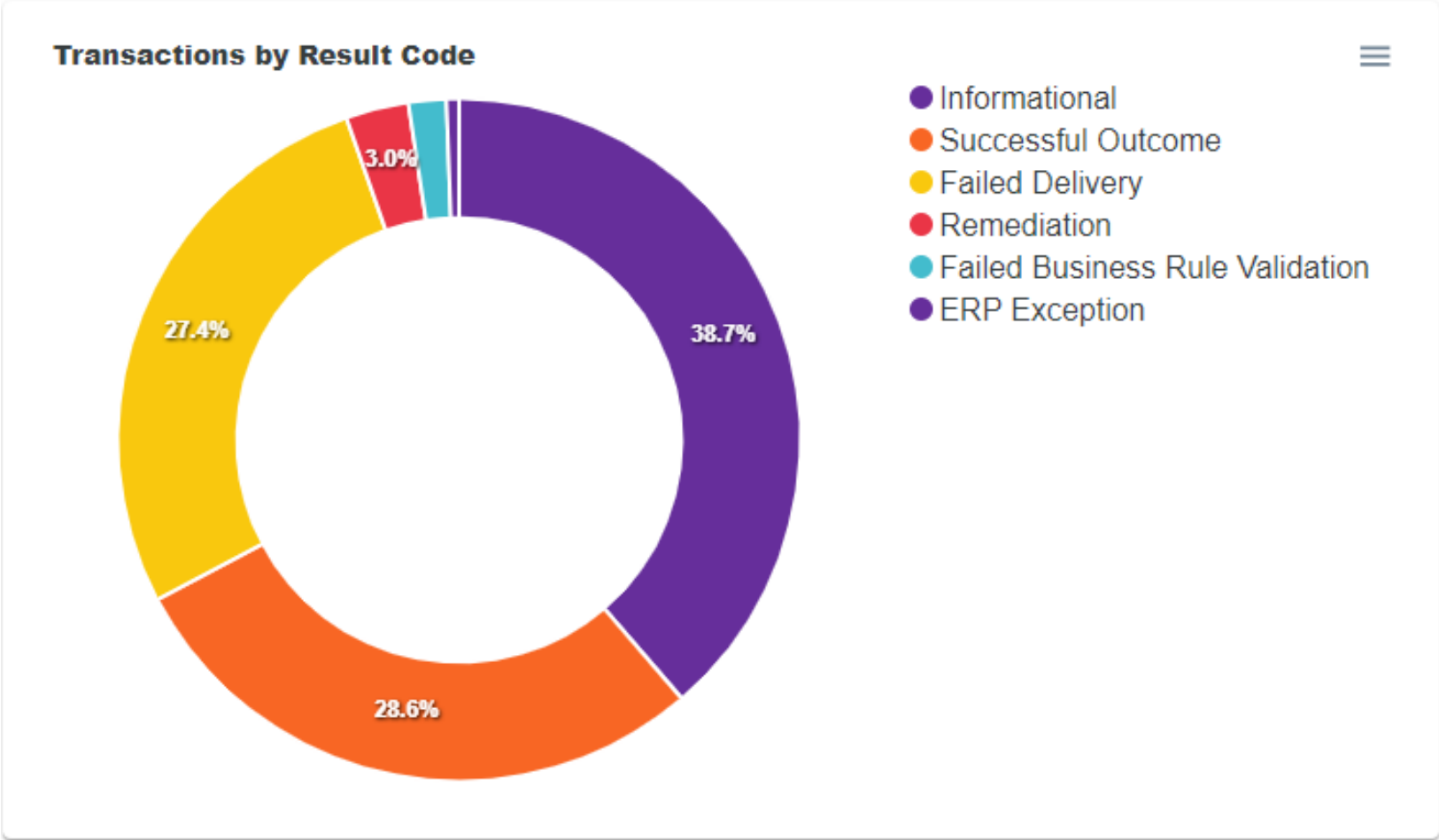**Warehouse**
11

Item number
ALUMINIUM
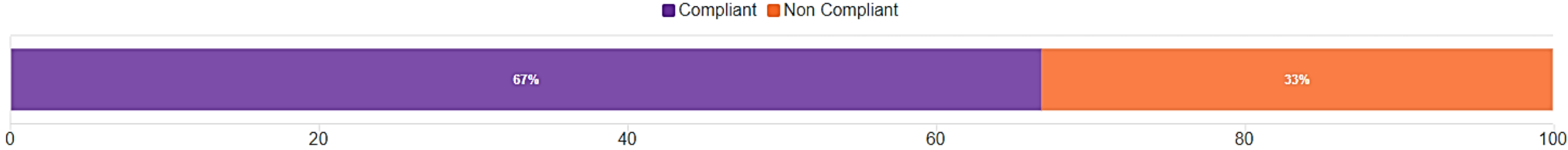
Product name

Quantity
1

Size
S

Color

Unit
EA

Invoice account
30355

Infusing Business Intelligence

Transactions by Result Code

- ● Informational — 38.7%
- ● Successful Outcome — 28.6%
- ● Failed Delivery — 27.4%
- ● Remediation — 3.0%
- ● Failed Business Rule Validation
- ● ERP Exception

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Improving Compliance

Key Performance Indicators

■ Compliant ■ Non Compliant

| 67% | 33% |

Scale: 0, 20, 40, 60, 80, 100

Transactions by Date

Transaction Count (y-axis): 0, 20, 40, 60, 80

Data points:
- 69
- 45
- 26
- 8
- 1
- 8
- 6
- 4
- 2

Date (x-axis): 30 Sep, Oct '23, 02 Oct, 03 Oct, 04 Oct, 05 Oct, 06 Oct, 07 Oct, 08 Oct, 09 Oct, 10 Oct, 11 Oct, 12 Oct, 13 Oct
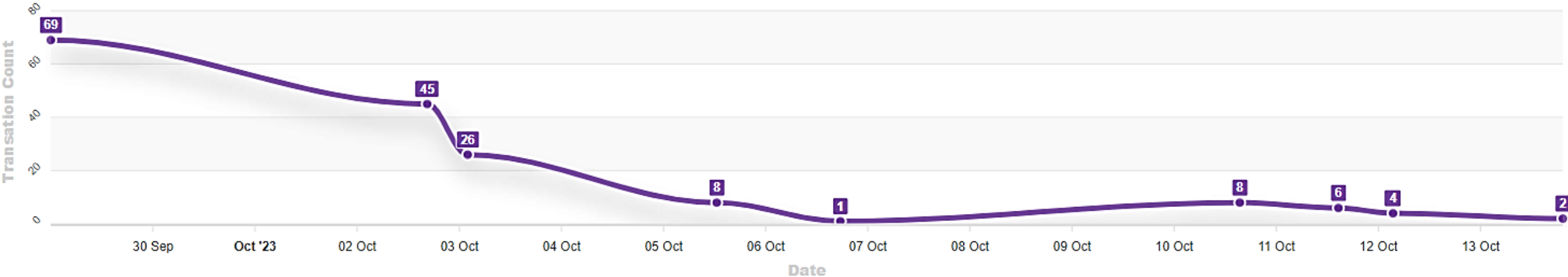
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