

precisely

# From Manual to Marvelous: Automating SAP Master Data Management Processes

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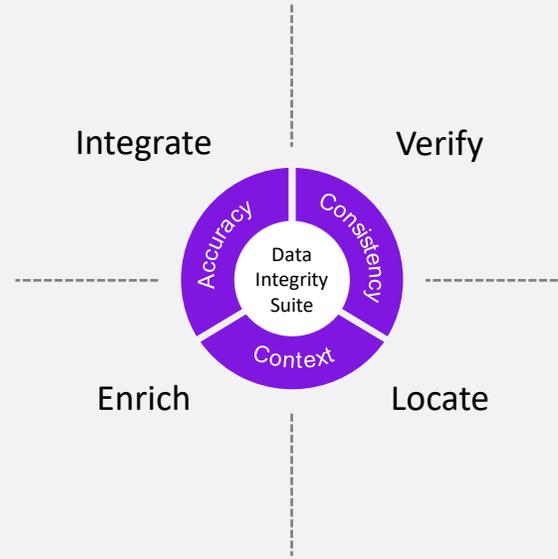
# Agenda

- Challenges with SAP master data
  - Material master data
- Digital transformation, data, and processes
- The value of the Precisely Automate Platform
- Key takeaways
- Questions



## The global leader in data integrity software

Our data integrity software, data enrichment products, and strategic services deliver accuracy, consistency, and context to power confident business decisions.



### Brands you trust, trust us



### Data leaders partner with us



# 12,000

customers

Customers in more than  
**100** countries

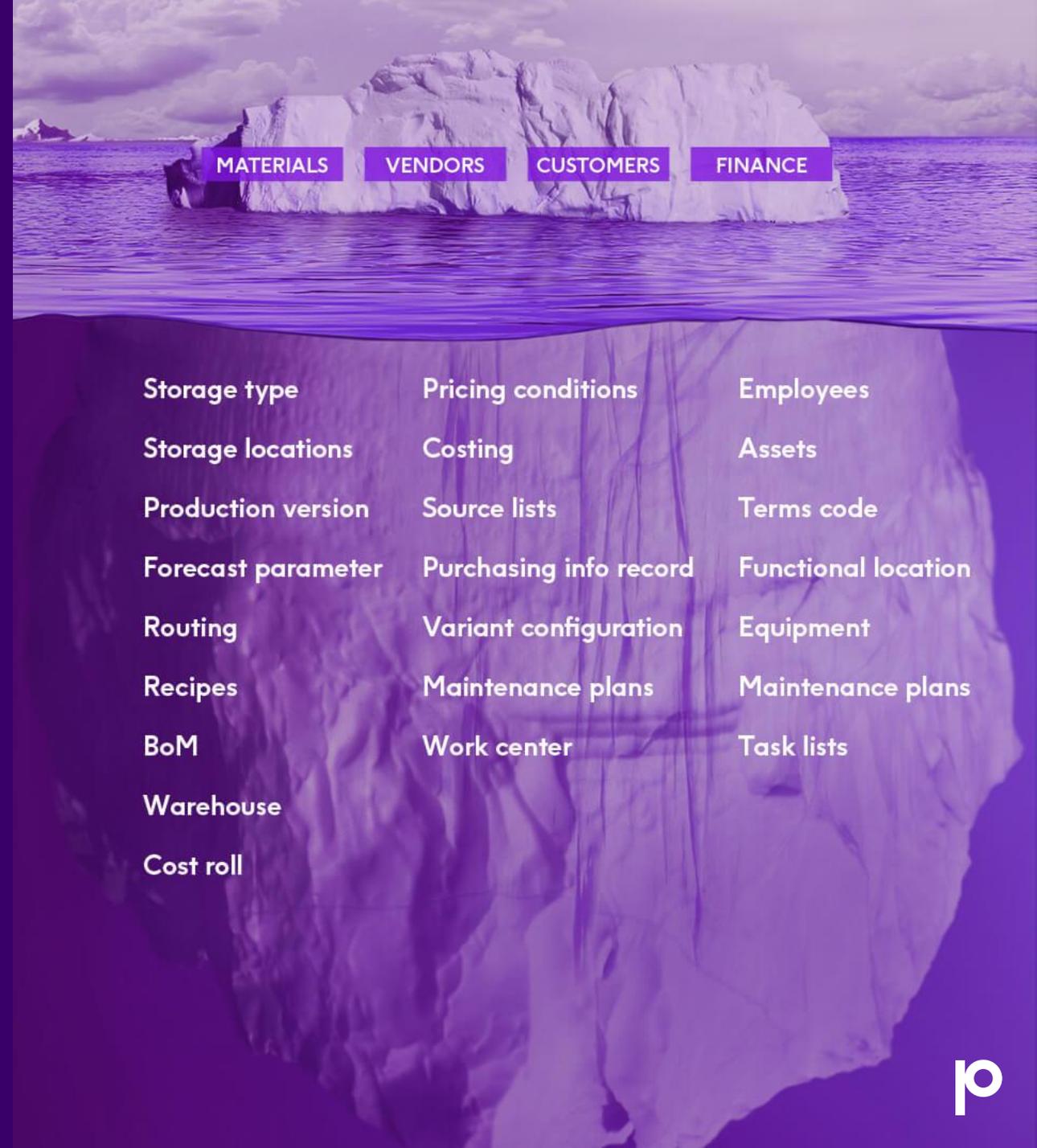
# 99

of the Fortune 100

# 2,500

employees

# The complexity of SAP master data



MATERIALS

VENDORS

CUSTOMERS

FINANCE

Storage type

Pricing conditions

Employees

Storage locations

Costing

Assets

Production version

Source lists

Terms code

Forecast parameter

Purchasing info record

Functional location

Routing

Variant configuration

Equipment

Recipes

Maintenance plans

Maintenance plans

BoM

Work center

Task lists

Warehouse

Cost roll

# Complexity is multidimensional

## Data complexity

- SAP master data records are complex and data intensive
- High-volume data processes with dozens of objects and fields
- When managed manually, prone to error
- As data growth accelerates, data complexity becomes an even greater challenge

## Process complexity

- Complex, data-intensive business processes involving multiple components are a challenge to automate
- Process governance is required to track processes, such as account creation, materials mgt, and updating or extension of records
- Due to complexity, human-in-the-loop processes pose unique challenges for automation

## Organizational complexity

- Multi-departmental processes
- Competing business priorities
- Short-term gains vs strategic initiatives

# Why Material Master

# Material Master: Central to Operations

Connects multiple business use cases and activities

Data threads weave through every department

Maintaining data integrity across these interconnected functions is crucial



# Operational Red Flags

Inconsistent or  
inaccurate material data  
can lead to:

## Order Fulfillment Errors

Wrong products shipped, incorrect  
pricing, and customer dissatisfaction

## Production Delays

Missing components or inaccurate BOMs  
halt production lines, costing time and  
money

## Inventory Mismanagement

Overstocking or understocking lead to  
wasted resources and lost sales  
opportunities

## Financial Reporting Inaccuracies

Misleading profitability calculations and  
compliance issues

# Material Master Records = Complexity

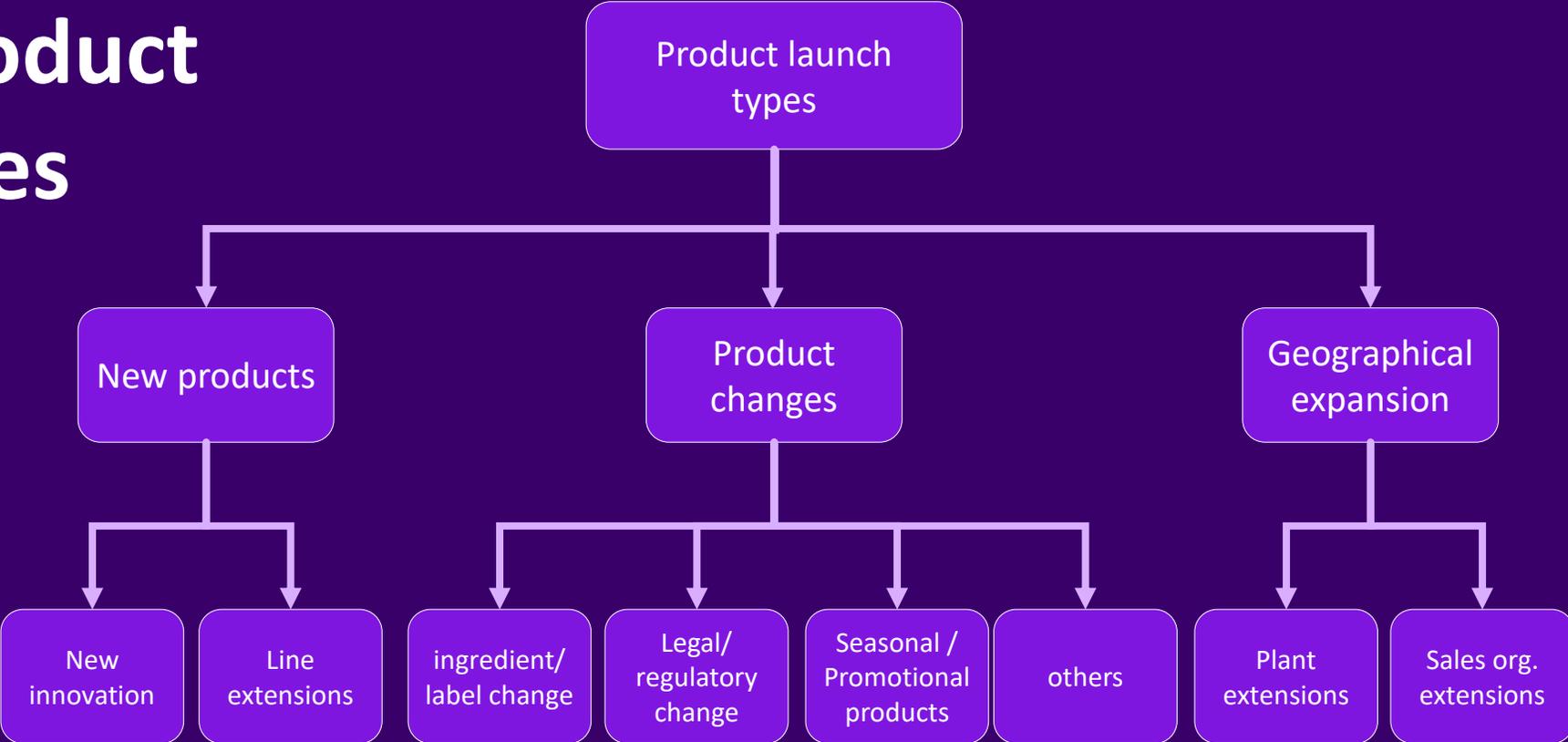


Typical number of data attributes in a record



Avg 18 "screens" (out of 36 possible)

# Use one solution for all your product launch types



# Why automation?

Materials management is a perfect example of the interdependence of process and data

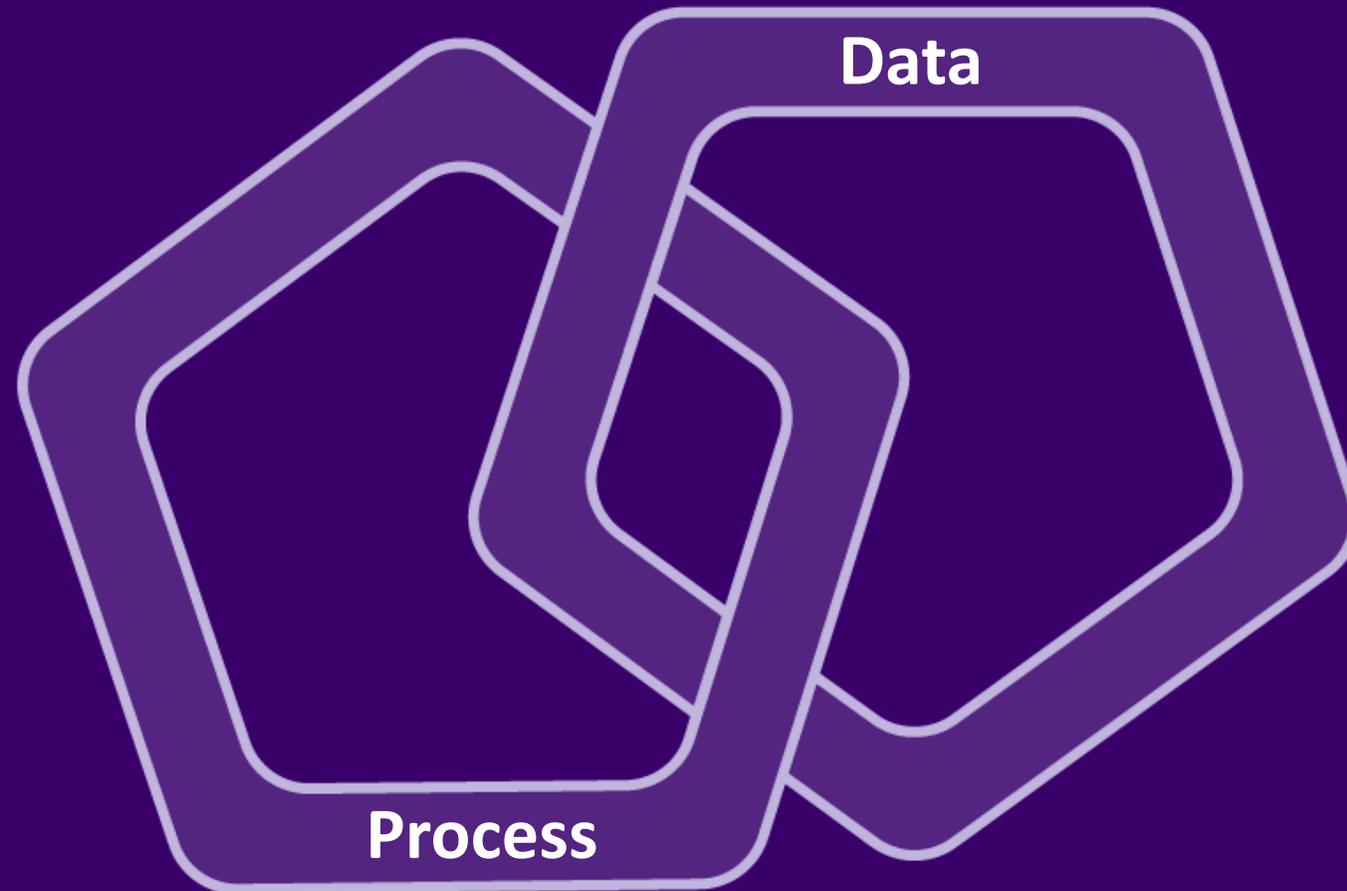
Data  
Creation  
at Scale

Data  
Validation

Data  
Governance

Visibility

# Interdependence of process and data



# A complete automation platform

## Data Automation

### Excel to SAP

Exchange data with SAP quickly and easily using Excel



## Process Automation

### Excel Workflow

Automate and accelerate SAP business processes through Excel file management workflows

### Form & Workflow

Automate and accelerate SAP business processes with integrated forms and workflows

# The Precisely Automate Platform

# Precisely (formerly Winshuttle) Automate Portfolio

## Automate Studio

### STANDALONE

Exchange data with SAP quickly and easily using Excel

- Data creation and maintenance
- Data migration
- Operational reporting
- Data stewardship

Business users work in Excel



## Automate Studio Manager

### GOVERNED

Share, manage, & control Precisely across the enterprise

- Basic 2-step workflow
- Centralized management
- Granular control of licenses, users & policies
- Extensive audit and ROI reporting
- Server-side job execution

Business users work in Excel



## Automate Evolve

### WORKFLOW-ENABLED

Automate and streamline SAP processes using workflows

- Advanced form and workflow capabilities
- Advanced data stewardship capabilities via web forms
- Detailed process analytics

Business users work in Excel or web forms



# Make an impact across your business



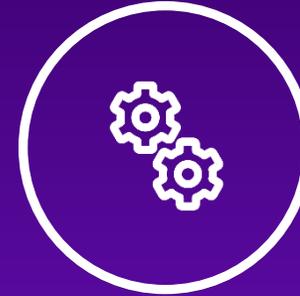
Financial  
Accounting



Controlling



Sales and  
Distribution



Materials  
Management



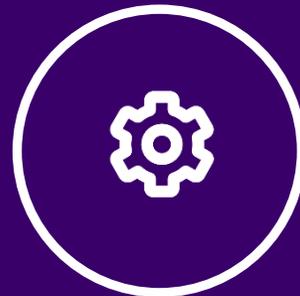
Plant  
Maintenance



Asset  
Management



Project Systems



Production  
Planning



Quality  
Management



Human  
Resources

# Replace multiple GUI screens with business-friendly Excel



Winshuttle for Journal Entry Winshuttle Run Winshuttle Studio 11.2

Run completed. Successful runs: 14

**Log Winshuttle Studio 11.2**  
 SAP System: Client: SAP User - WE6800:sgirdk  
 Script Name - MM01\_Create\_Materials\_Script  
 Mode - Standard (Non Batch without controls)  
 Start Row - 7 End Row - 0  
 Number of Errors - 0 Records Uploaded - 14  
 Date and Time - 2/14/2018 4:28:28 PM  
 Execution Time - 00:01:26  
 Run Reason -

**Validate Log Winshuttle Studio 11.2**  
 SAP System: Client: SAP User - WE6800:sgirdk  
 Script Name - MM01\_Create\_Materials\_Script\_Tor  
 Mode - Standard (Non Batch without controls)  
 Start Row - 7 End Row - 0  
 Number of Errors - 0 Records Validated - 14  
 Date and Time - 2/14/2018 4:19:29 PM  
 Execution Time - 00:01:01  
 Run Reason -

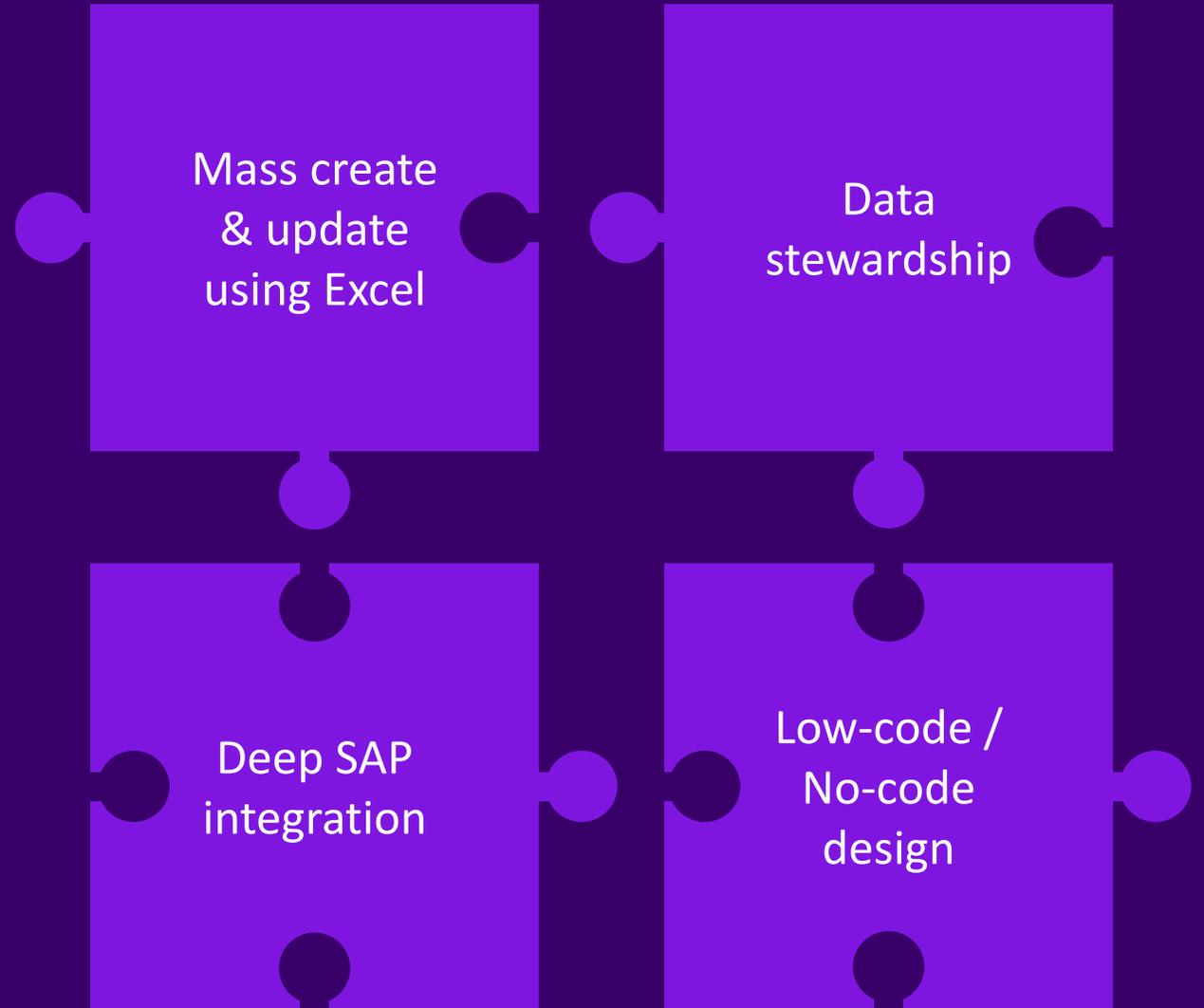
**WINSHUTTLE** MM01 CREATE MATERIAL - Finished Goods

**RUN RESULTS**

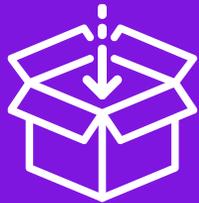
No.	RUN LOG	VALIDATE LOG	DATA INPUT (* means required field)			
			*Material Number (uses external numbering)	*Industry sector	*Material Type	*Material
7	Material DEMOMATERIAL-0003 created	Success	DEMOMATERIAL-0003	F	FERT	Demo Ma
8	Material DEMOMATERIAL-0004 created	Success	DEMOMATERIAL-0004	F	FERT	Demo Ma
9	Material DEMOMATERIAL-0005 created	Success	DEMOMATERIAL-0005	F	FERT	Demo Ma
10	Material DEMOMATERIAL-0006 created	Success	DEMOMATERIAL-0006	F	FERT	Demo Ma
11	Material DEMOMATERIAL-0007 created	Success	DEMOMATERIAL-0007	F	FERT	Demo Ma
12	Material DEMOMATERIAL-0008 created	Success	DEMOMATERIAL-0008	F	FERT	Demo Ma
13	Material DEMOMATERIAL-0009 created	Success	DEMOMATERIAL-0009	F	FERT	Demo Ma
14	Material DEMOMATERIAL-0010 created	Success	DEMOMATERIAL-0010	F	FERT	Demo Ma
15	Material DEMOMATERIAL-0011 created	Success	DEMOMATERIAL-0011	F	FERT	Demo Ma
16	Material DEMOMATERIAL-0012 created	Success	DEMOMATERIAL-0012	F	FERT	Demo Ma

# Automate Studio

The right capabilities to get SAP work done faster and improve data quality.



# Get to value fast



## Installation

- Desktop software
- Precisely function module



## Training

- 1-3 day(s) online (8 hours)
- Exercises in your system



## Execution

- Launch first solutions
- Expand to new use cases

**1 – 3 WEEKS**

# Automate Evolve

The right combination of capabilities to automate data-intensive processes.

Enterprise-grade  
workflow &  
automation

Robust data  
Stewardship

Deep SAP  
integration

No-code,  
low-code  
software



## CHALLENGE

- Struggled with product lead times
- Couldn't keep up with seasonal demands
- Difficulty winning business due to slow NPI cycle time

## SOLUTION

- Implemented the Precisely NPI Solution
- Reduced NPI cycle time by 50%
- Reduced product lead times
- Achieved significant revenue gains & \$1.3M in productivity savings



Questions?

The image features a solid purple background with several 3D-rendered geometric shapes. At the top left is a horizontal rectangular block. To its right is a sphere. Further right is a vertical rectangular block. In the center, a sphere is partially obscured by a vertical rectangular block. At the bottom left is another sphere. To its right is a horizontal rectangular block. The text 'Thank you!' is centered in the middle of the image, and 'precisely' is positioned at the bottom right, overlapping the bottom-right rectangular block.

Thank you!

**precisely**