Do these sound familiar??

Master Data Scenario #1

Your business is buried in spreadsheets…

- You use Excel workbooks to create and manage SAP product data – one workbook per product
- Product managers own the workbooks
- Various individuals can own worksheets, columns in worksheets, or even individual cells
- Data is collected and managed in the workbook before being manually entered in your SAP system
- Data updates, changes, and additions are tracked manually

What happens when you create a new product, need real-time process status, or have to scale?

Master Data Scenario #2

You need to make a change to a subset of material records -- say from "Manufactured to "Kitted" as an ongoing project

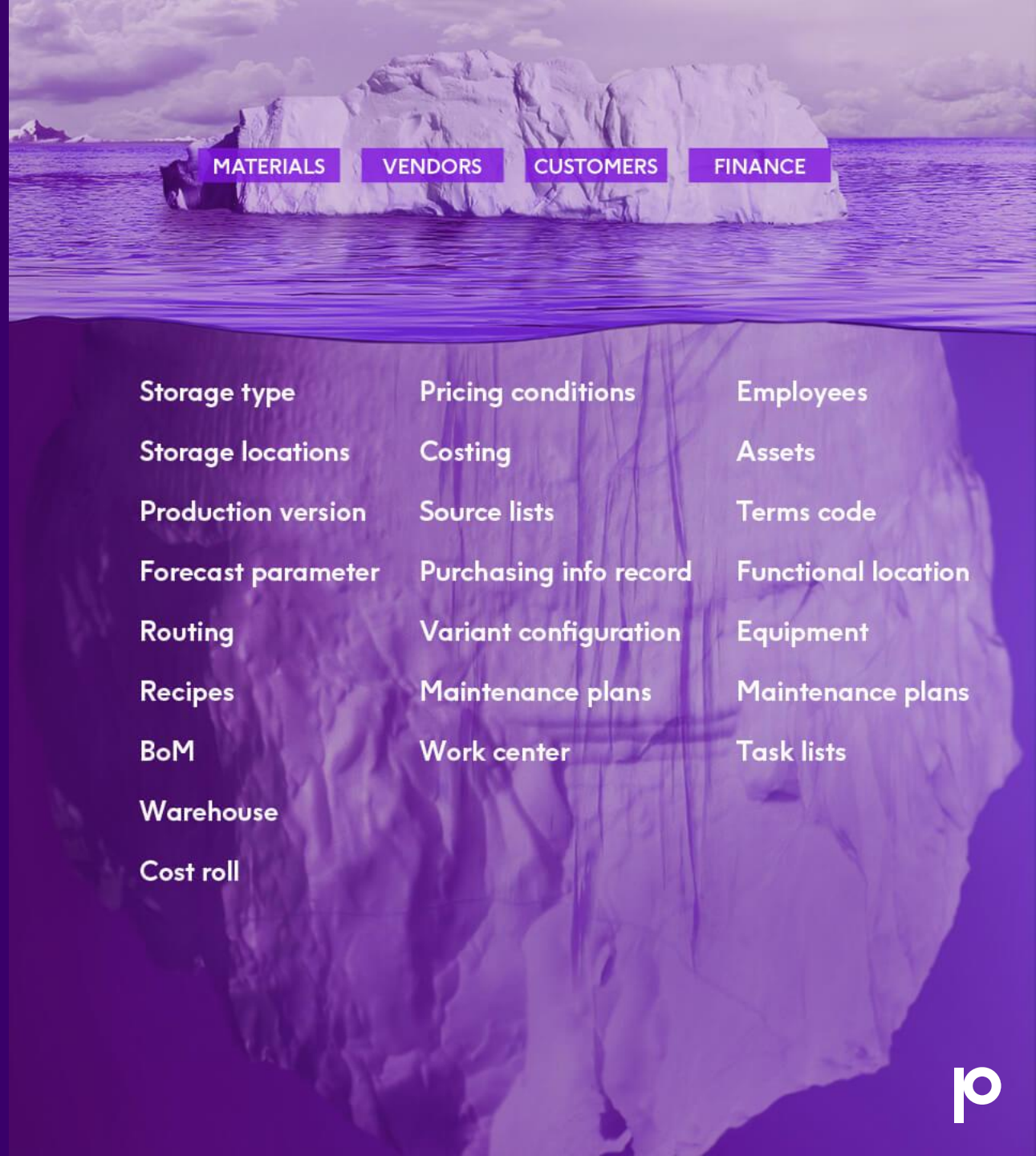
- This change will affect bills of materials, routings, sales orders, etc.
- Making these changes manually in the application interface will take about 60 hours/100 material records … and you have thousands of records to update.
- This means you need to hire and train new staff at a cost of about $4000/100 materials

There has to be a better way…

Agenda

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

The complexity of SAP master data



Why Material Master

Complexity is multidimensional

Data complexity

- Complexity of master data records
- High-volume data processes
- Challenges data complexity creates for manual data entry and management processes

Process complexity

- Complex, data-intensive business processes involving multiple constituents are a challenge to automate
- Process governance and tracking
- Human-in-the-loop processes pose unique challenges for automation

Organizational complexity

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

Material Master: Central to Operations

Connects multiple business use cases and activities

Material Master Records = Complexity

Typical number of data objects in a record

Avg 18 “screens” (out of 36 possible)

Materials Record Challenges

Process Complexity & Inconsistencies

Data Creation & Management Processes

Data Quality & Maintenance

Process Simplification & Standardization

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

Why automation?

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

Data Creation

Data Validation

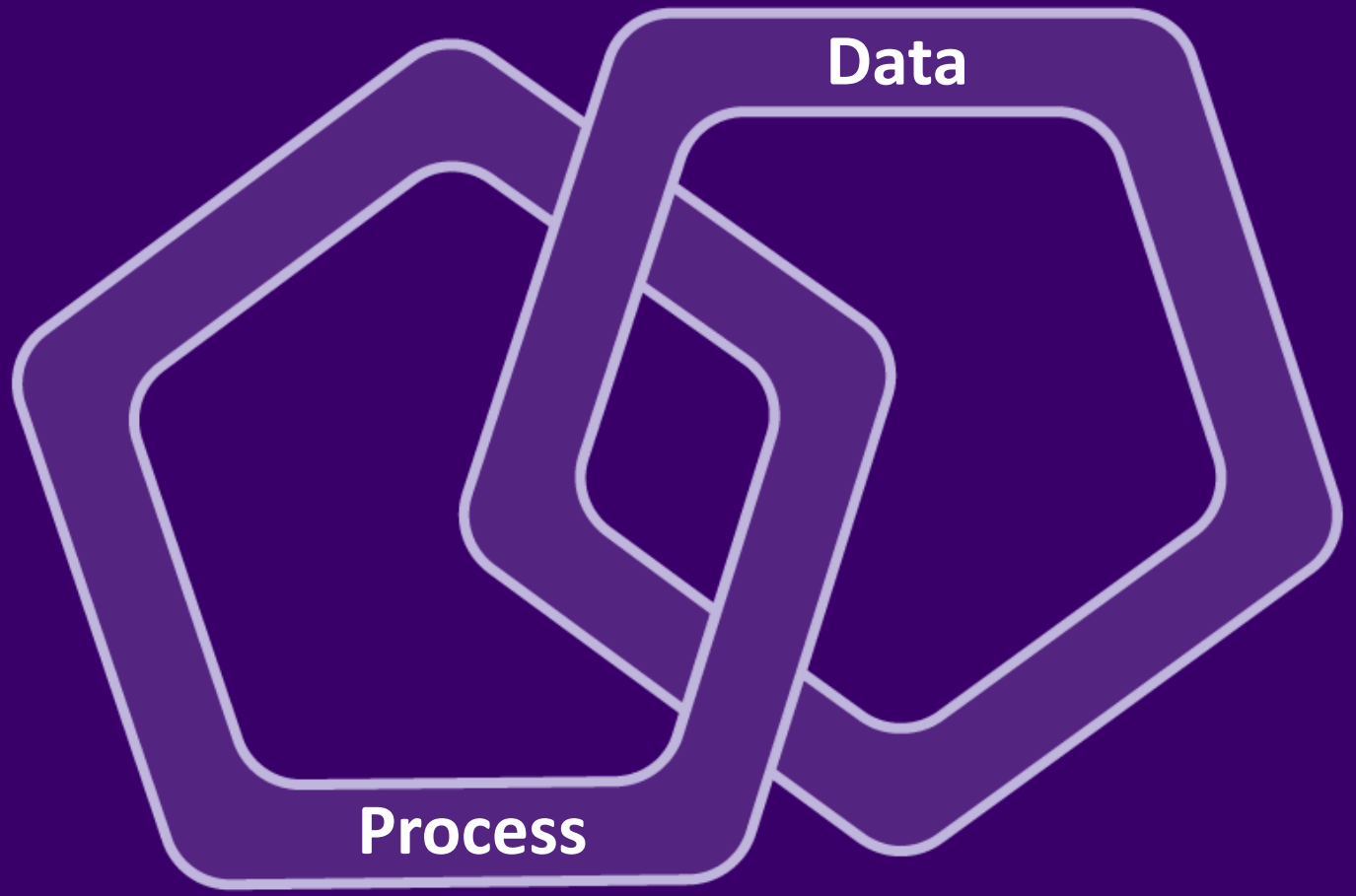
Data Movement

Scalability

Technology is a means to an end: Data is the currency of digital transformation

- HfS Research Blog

Interdependence of process and data



The Precisely Automate Platform

Precisely Automate portfolio

Automate Evolve

WORKFLOW-ENABLED PROCESS AUTOMATION

Automate and streamline SAP processes using workflows

- Advanced form and workflow capabilities
- Advanced data stewardship capabilities via web forms
- Data automaton and management (Excel – SAP)
- Extensive Audit and ROI reporting
- Detailed process analytics
- Process governance
- Centralized management
- Server-side file management and execution
- Attended or unattended automation
- Business-focused, low-code environment

Business users work in Excel or web forms

Automate Studio

STANDALONE DESKTOP

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

A complete automation platform

Data Automation

Excel to SAP

Exchange data with SAP quickly and easily using Excel

+

Process Automation

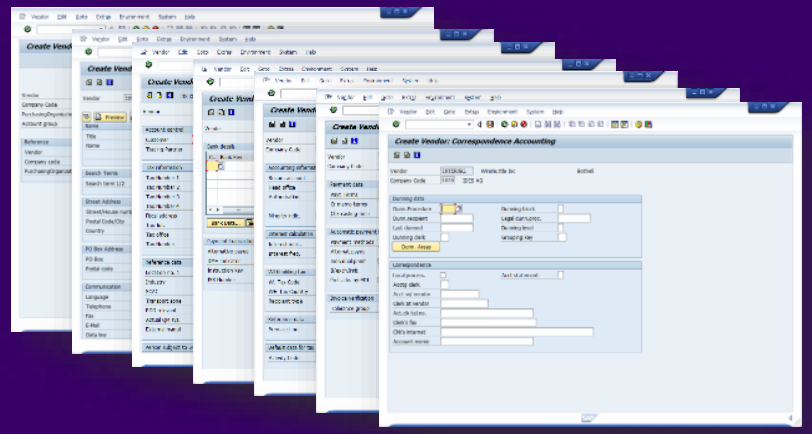
Excel Workflow

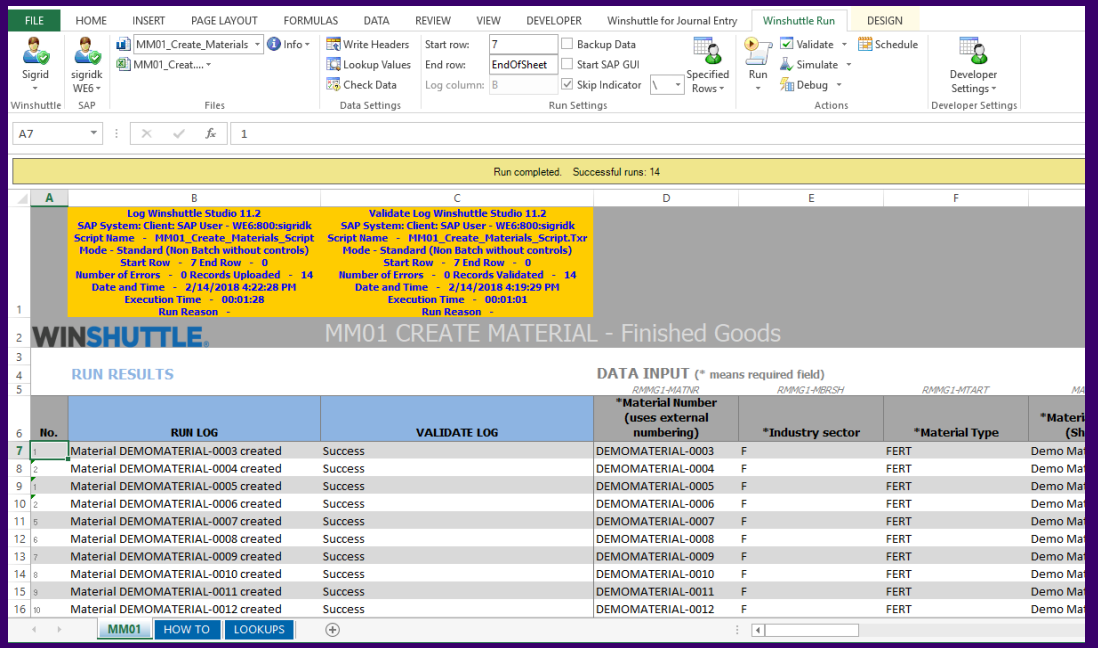
Automate and accelerate SAP business processes through Excel file management workflows

Form & Workflow

Automate and accelerate SAP business processes with integrated forms and workflows

Replace multiple GUI screens with business-friendly Excel





Run completed. Successful runs: 14

Log Winshuttle Studio 11.2
SAP System: Client: SAP User - WE6:800:sigridk
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 4:22:28 PM
Execution Time - 00:01:28
Run Reason -

Validate Log Winshuttle Studio 11.2
SAP System: Client: SAP User - WE6:800:sigridk
Script Name - MM01_Create_Materials_ScriptLTxr
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

DATA INPUT (* means required field)

No.	RUN LOG	VALIDATE LOG	*Material Number (uses external numbering)	*Industry sector	*Material Type	*Materi (Sh
1	Material DEMOMATERIAL-0003 created	Success	DEMOMATERIAL-0003	F	FERT	Demo Ma
2	Material DEMOMATERIAL-0004 created	Success	DEMOMATERIAL-0004	F	FERT	Demo Ma
3	Material DEMOMATERIAL-0005 created	Success	DEMOMATERIAL-0005	F	FERT	Demo Ma
2	Material DEMOMATERIAL-0006 created	Success	DEMOMATERIAL-0006	F	FERT	Demo Ma
5	Material DEMOMATERIAL-0007 created	Success	DEMOMATERIAL-0007	F	FERT	Demo Ma
6	Material DEMOMATERIAL-0008 created	Success	DEMOMATERIAL-0008	F	FERT	Demo Ma
7	Material DEMOMATERIAL-0009 created	Success	DEMOMATERIAL-0009	F	FERT	Demo Ma
8	Material DEMOMATERIAL-0010 created	Success	DEMOMATERIAL-0010	F	FERT	Demo Ma
9	Material DEMOMATERIAL-0011 created	Success	DEMOMATERIAL-0011	F	FERT	Demo Ma
10	Material DEMOMATERIAL-0012 created	Success	DEMOMATERIAL-0012	F	FERT	Demo Ma

A complete automation platform

Data Automation

Excel to SAP

Exchange data with SAP quickly and easily using Excel

+

Process Automation

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Form & Workflow

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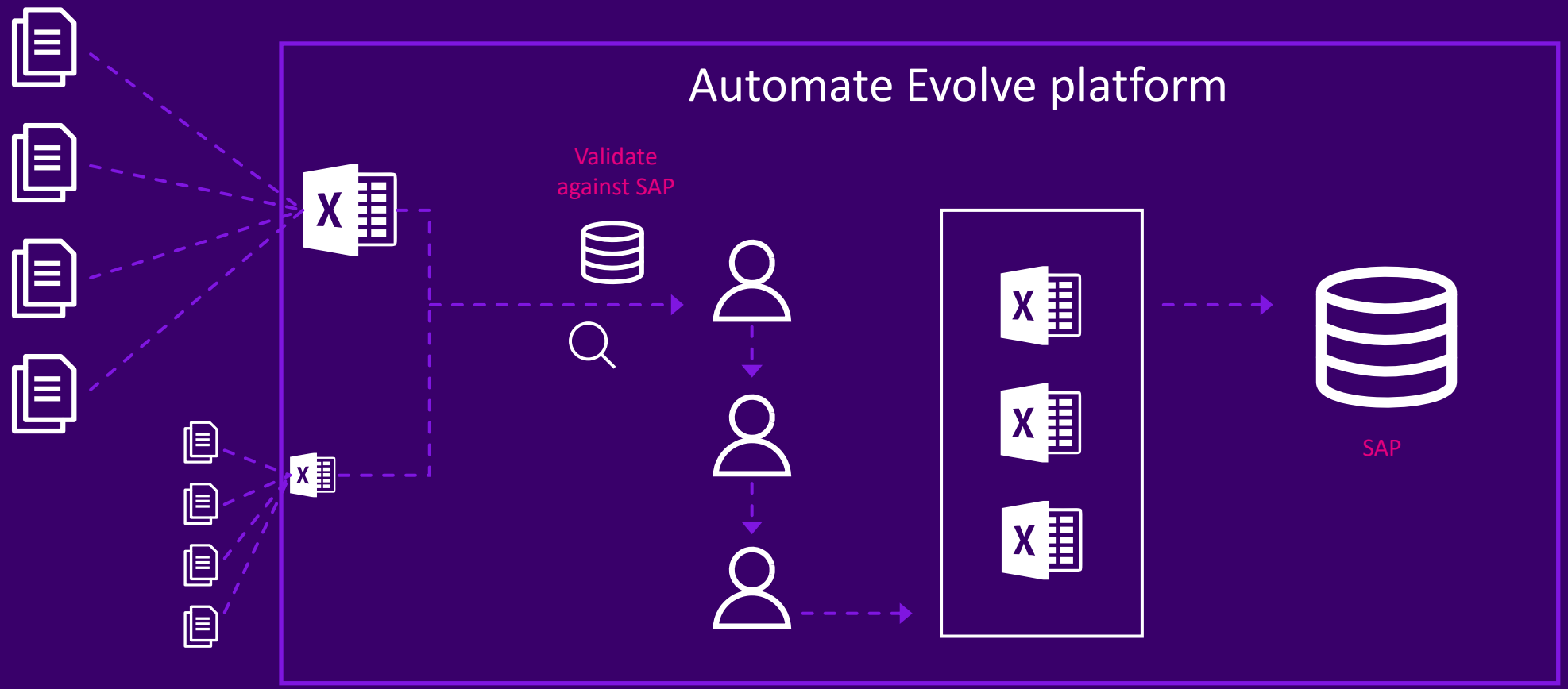
Excel workflow



A complete automation platform

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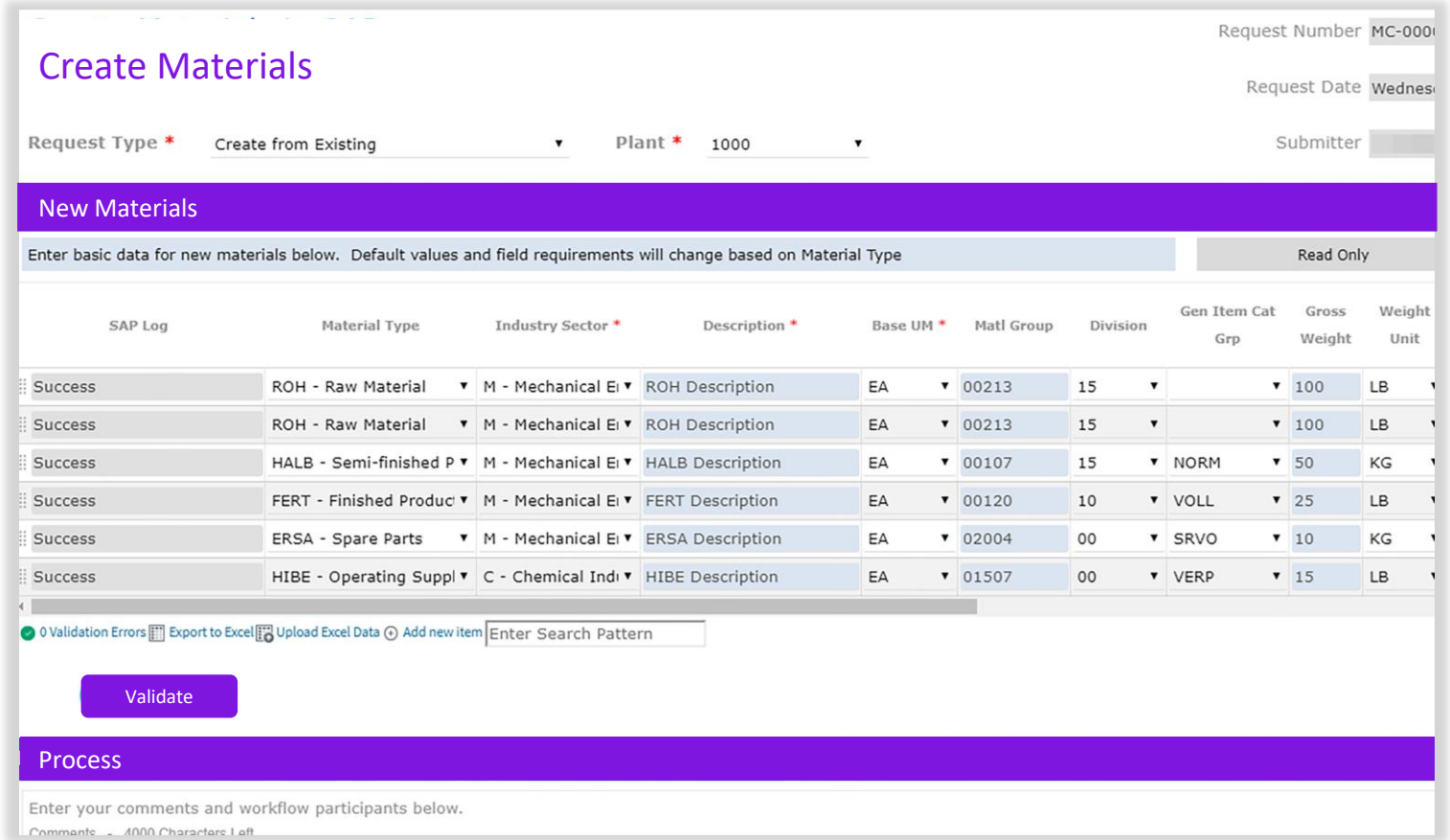
Form & Workflow

Automate and accelerate SAP business processes with integrated forms and workflows

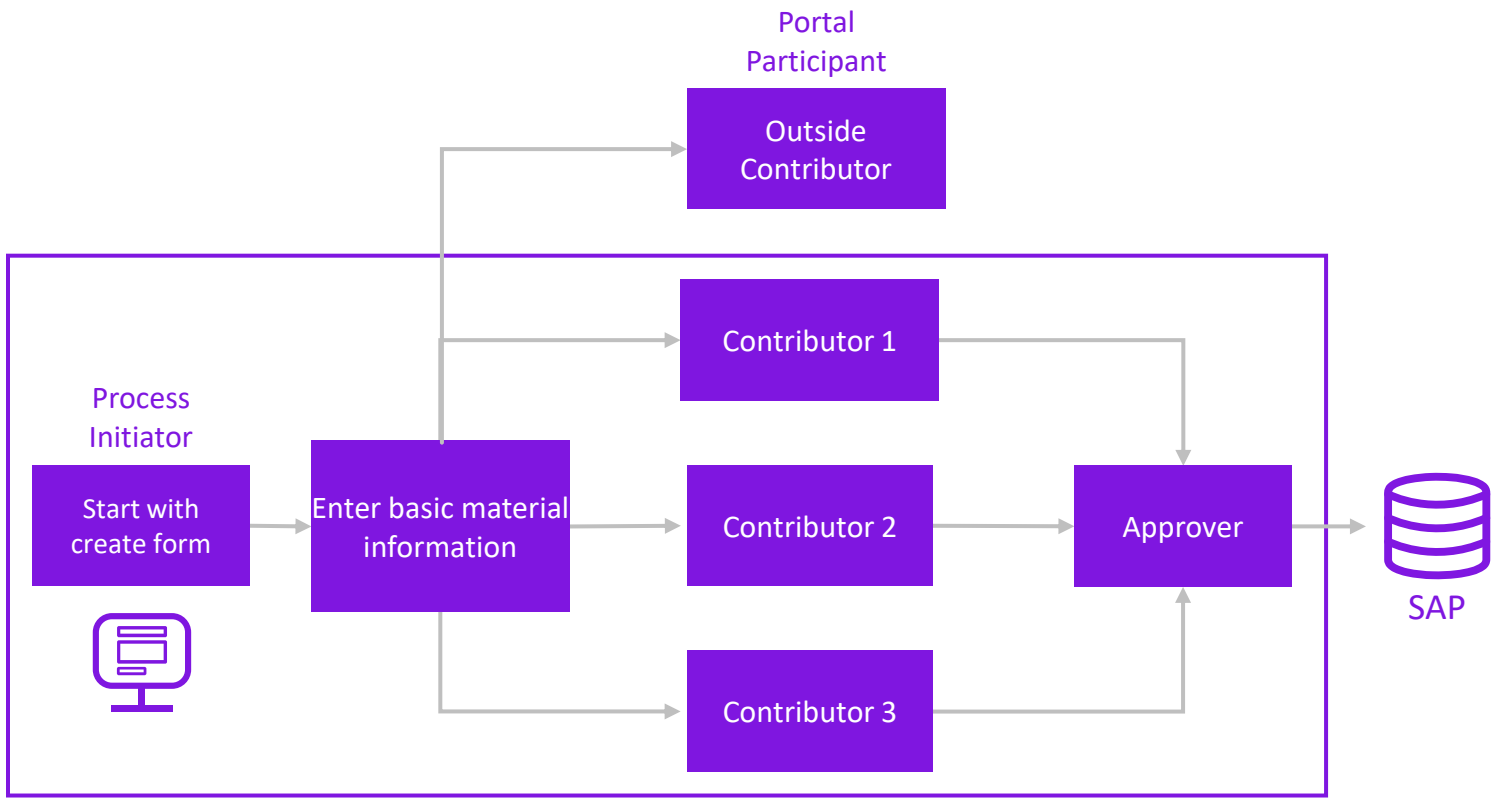
Form-based automation

Build in data guardrails to ensure your data is right the first time.



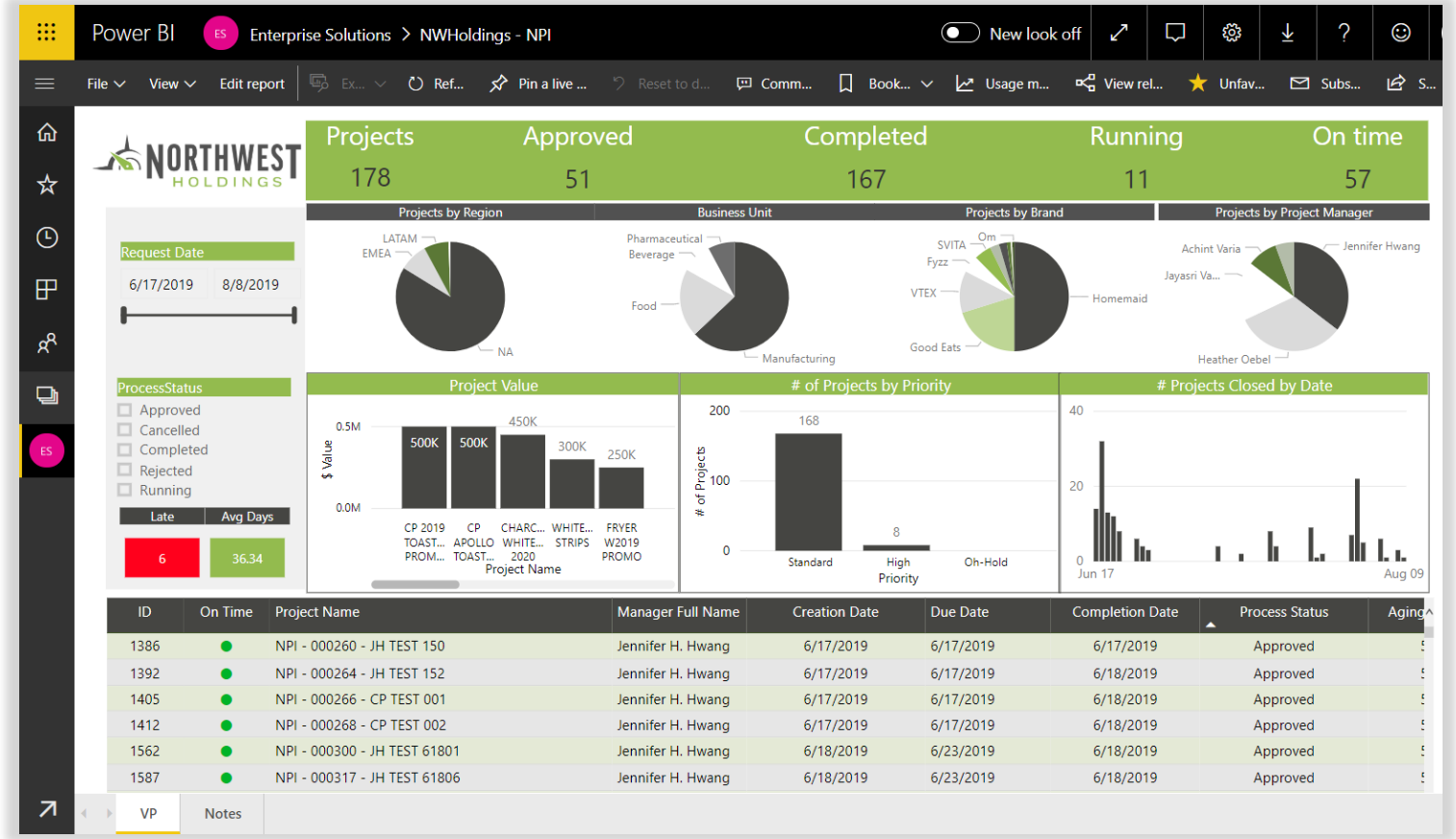
Form & Workflow

Automate record creation with forms and workflow across multiple contributors



Automate Evolve

Get more visibility



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

Empowering business teams to make an impact

Master Data Challenges

CUSTOMER STORY:

Energy Drink Company

CHALLENGE

- Slow, manual processes causing product launch bottlenecks
- Lack of visibility into launch project status

SOLUTION

- Digitized three launch processes
- Reduced product launch cycle times by 50-75%
- Increased visibility and improved governance
- Achieved repeatable, predictable processes

Dorman speeds through master data changes

CHALLENGE

- Change subset of materials from ‘Manufactured’ to ‘Kitted’
- Update BoMs and Routings
- Change sales order to reflect non-kitted materials

RESULTS

Per 100 materials

	Hours	Total Cost	Difference
Manual Processes	60	$4,500	
Using Automation	5	$375	$4,125 saved

3,000 materials converted in 1st quarter after implementation

Savings = $123,750

- Minimal business impact
- Improved data quality

Wrap-up

Precisely Automate Benefits

Agility

Speed

Improved data quality

Process visibility

Business team focus

Automation flexibility

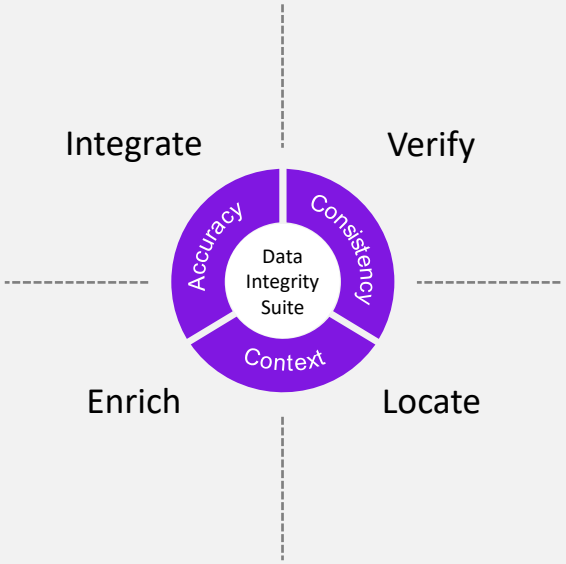
Scalability

More precise reporting & forecasting

precisely

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.



12,000
customers

99
of the Fortune 100

Customers in more than
100 countries

2,500
employees

Brands you trust, trust us

amazon · RBS · New York Life · NAVIENT · Westpac
creditsafe · New York Power Authority · DNB · TRUIST · L'OCCITANE EN PROVENCE
BARCLAYS · Fannie Mae · Mercedes-Benz · TD Bank · TRAVELERS
blue california · T-Mobile · Twitter · VISA · CROWLEY People Who Know

Data leaders partner with us

databricks · snowflake · aws · CLOUDERA · Google Cloud
splunk> · servicenow · IBM · CONFLUENT · Microsoft
neo4j · TomTom · here · okta · OPENSHIFT

What’s your story?
Questions?

precisely

Thank you!

precisely