

**RISE
WITH
SAP**

Driving Business
Innovation
Together

RISE with SAP Business Technology Platform

The data journey to SAP S/4HANA

October 2023

THE BEST RUN **SAP**



Accelerate & de-risk the move to SAP S/4HANA

“Poor data quality is the primary reason for 40% of all **business initiatives failing** to achieve their targeted benefits.”

Gartner, Measuring the Business Value of Data Quality

Smart Move with SAP BTP



Prepare

Data fit for purpose

Identify and address data quality and data privacy issues

Reduce cloud entry cost & downtimes

Right-size and modernize your data footprint before moving to cloud



Move

De-risk migrations

Accelerate and de-risk data migration to SAP S4/HANA and SAP LoB applications

Accelerate testing

AI-driven impact assessments and test automation



Transform

Govern your Master Data

Implement a strategy to create and maintain high quality master data

Innovation Quick Wins

Smart investments anticipate real-time business insights and drive ROI



Data migration can be painful

Because **data is important**, migration is too often
on the critical path of projects

If not handled properly, **projects spiral out of control ... fast**

All of this leads to:



**Missing Business
Milestones**



**Potential
Project Delays**



**Higher
Project Costs**

The real cost drivers for data migration projects



Inefficient processes

- Multiple spreadsheets
- Multiple versions



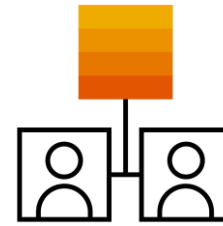
Murky visibility

- Actual status
- Gating items



Limited velocity

- High resource cost
- Lower ROI



Lack of accountability

- Audit trails
- compliance



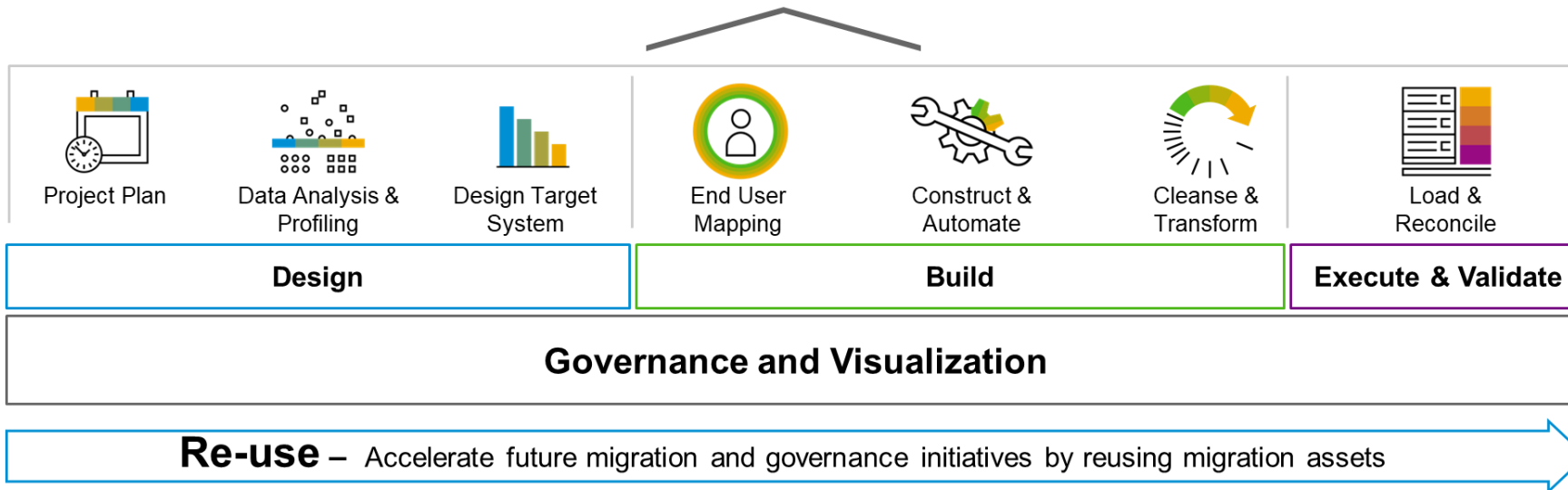
Lack of knowledge capture

- Capture policy and rules
- Analyze and Recommend

Combine technology and best practices

SAP Advanced Data Migration and Management software

SAP Advanced Data Migration and Management and Management by Syniti



Data migration project benefits



46%

Faster major data migration projects



52%

More efficient data migration project teams



31%

More efficient data migration IT staff

SAP Master Data Governance



SAP Master Data Governance helps create and maintain a single, common and high quality view of critical master data objects, such as customer, supplier, material, or financial master data and share these across end-to-end business processes.

SAP Master Data Governance – Get your Data Clean and Keep it Clean



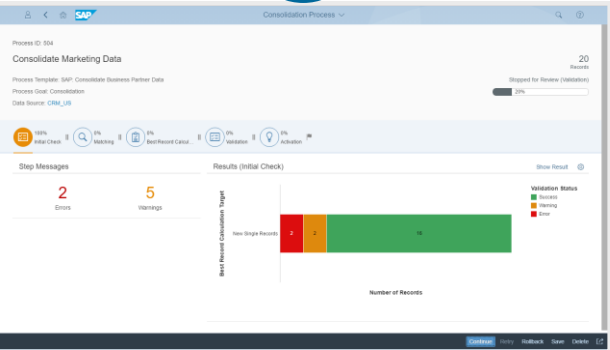
SAP Master Data Governance

Common, high quality view of Enterprise Master Data

Central Governance

Create master data in line with business processes, e.g. procure-to-pay, record-to-report.

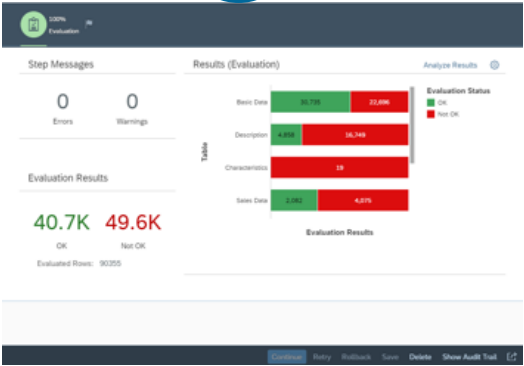
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Data Quality management

Manage master data quality by defining, enforcing, monitoring, and improving quality

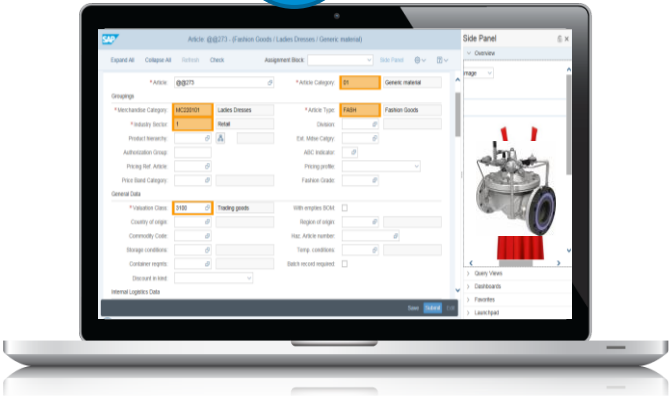
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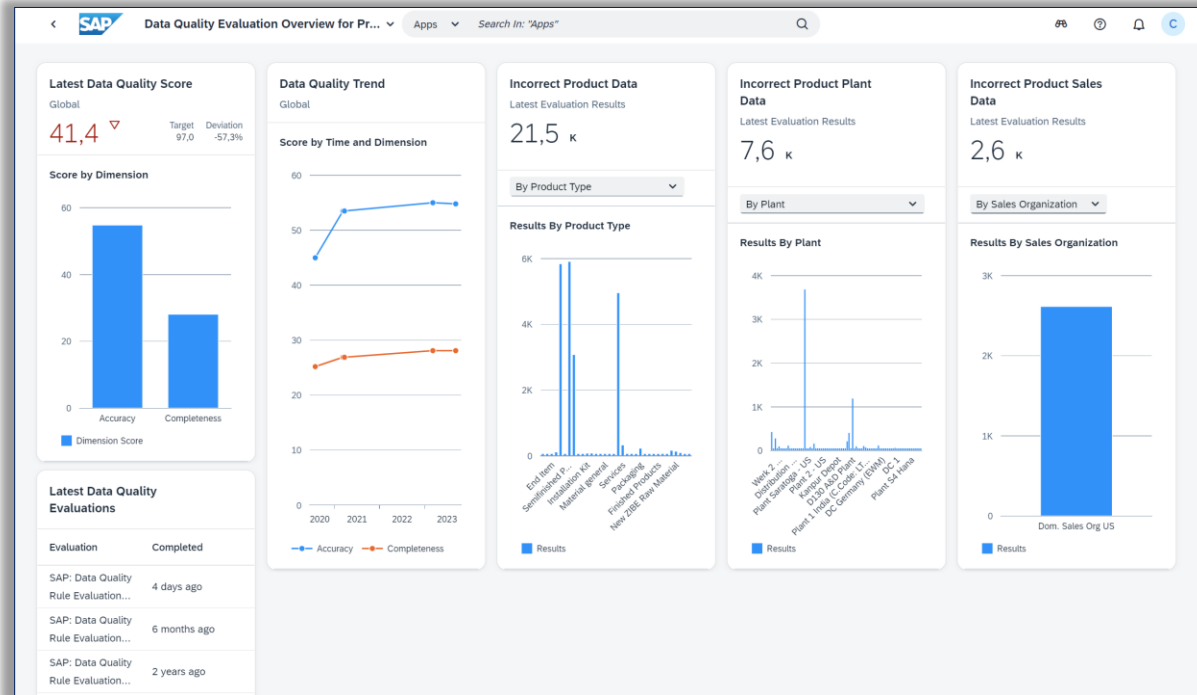
Consolidation and Mass Processing

Consolidate master data into a single view for accurate analytics and operational insight

3



SAP Master Data Governance, Data Quality Management



Feature Highlights



Effectively **manage and monitor data quality** and ensure continuous **data quality improvements** and issue remediation



Document all data quality rules in a **central rule repository** and provide insight into business level definitions and technical implementations



Identify and develop **new business rules with AI-based rule mining** or defined manually




Use **data quality dashboard** to create visibility into current data quality levels




Identify poor quality data and **fix data quality issues** via mass processing


SAP Master Data Governance – Manage Product Data Quality across Idea-to-Market




Define your **Data Quality Standards** and Rules



Measure Product **Data Quality Compliance** against your defined Data Quality Standards and Rules



Identify **non-compliant** Product Data



Re-mediate Data Quality Issues and continuously improve Product Data Quality

Validation Rules for Products

Standard

Validation Rules (12)

Rule	Base Table	Status
<input type="checkbox"/> ZPROD_RULE_001_ACCURAC Y FERT Products as EA or PC on MEINS	Basic Data (MARA)	Approved
<input type="checkbox"/> ZPROD_RULE_002_ACCURAC Y FERT Products must have desc > 5 chars	Description (MAKT)	To Be Implemented
<input type="checkbox"/> ZPROD_RULE_003_CORRECTN ESS FERT Products need a Old material number	Basic Data (MARA)	Approved
<input type="checkbox"/> ZPROD_RULE_004_CORRECTN ESS ROH Materials need a Material Group	Basic Data (MARA)	Approved
<input type="checkbox"/> ZPROD_RULE_005 Material Price Group for US Sales Org mandatory	Sales Data (MVKE)	Approved
<input type="checkbox"/> ZPROD_RULE_006 MRP Controller check	Plant Data (MARC)	Approved
<input type="checkbox"/> ZPROD_RULE_010 Missing Material Description	Description (MAKT)	Approved
<input type="checkbox"/> ZPROD_RULE_011 Marked for deletion but stock exists	Accounting (MBEW)	Approved

ZPROD_RULE_010

Missing Material Description

General Information

Business Details

Business Description:
Show any active materials that do not have descriptions in each of the following languages: English... More

Business Reason:
Missing descriptions in all languages impact all logistic processes

Scope:
Global rule, applicable to all finished products with active status

Link:
-

Contacts

Rule Owner:
-

Implementation Expert:
-

Business Contact:
-

Data Owner:
-

Usage

Standard

Usage	Status	Usage Action
<input type="radio"/> Data Quality Evaluation	Enabled	<button>Disable</button>

Implementation

Scope

Expression:
ZPROD_RULE_010_SCP

Status:
Active

Condition

Expression:
ZPROD_RULE_010_CON

Status:
Active

Send for Implementation Disable

SAP Master Data Governance – Manage Product Data Quality across Idea-to-Market



Define your **Data Quality Standards** and Rules



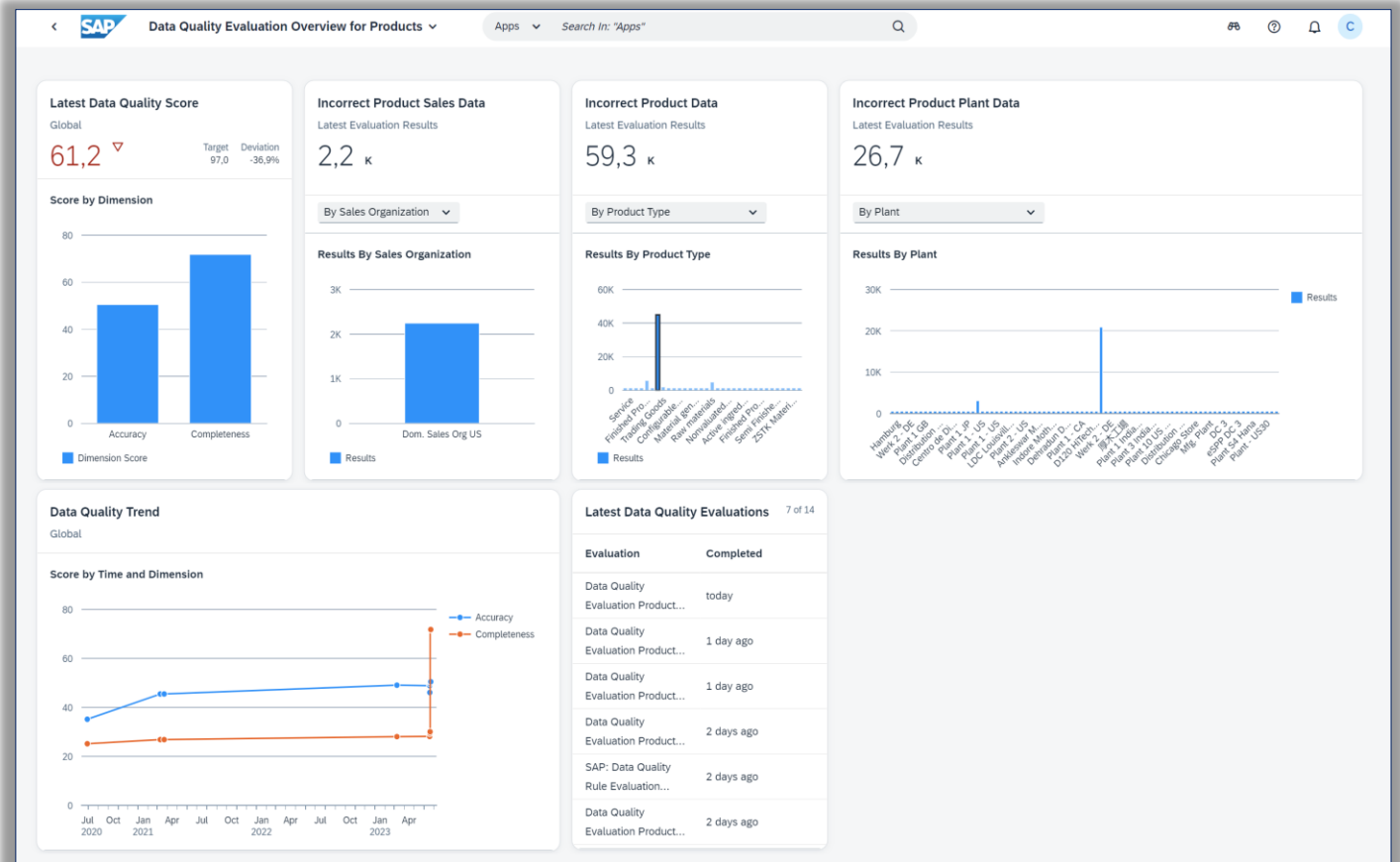
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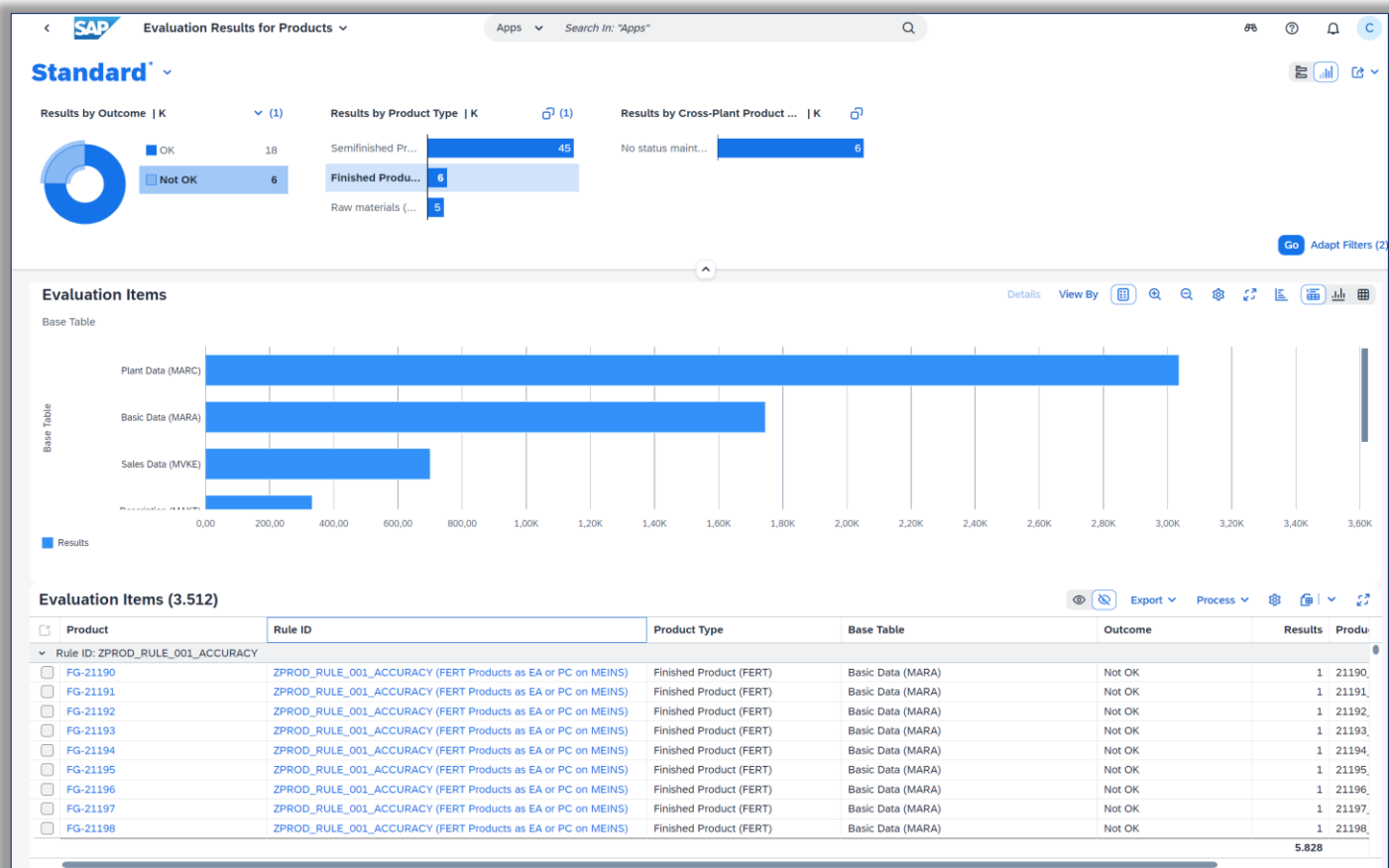
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SAP Edit: Result

Apps Search In: "Apps"

Standard

Message Type: Log Message Class: Log Message Number: Table: Row:

9 Overview 9 Basic Data 9 Material Ledger General 54 Material Ledger Prices 18 Material Ledger Future Prices

Records (9) Edit View Display View

Replace Values (0) Clear Fields (0) ↑↓ 🔍 ⚙️ 📄

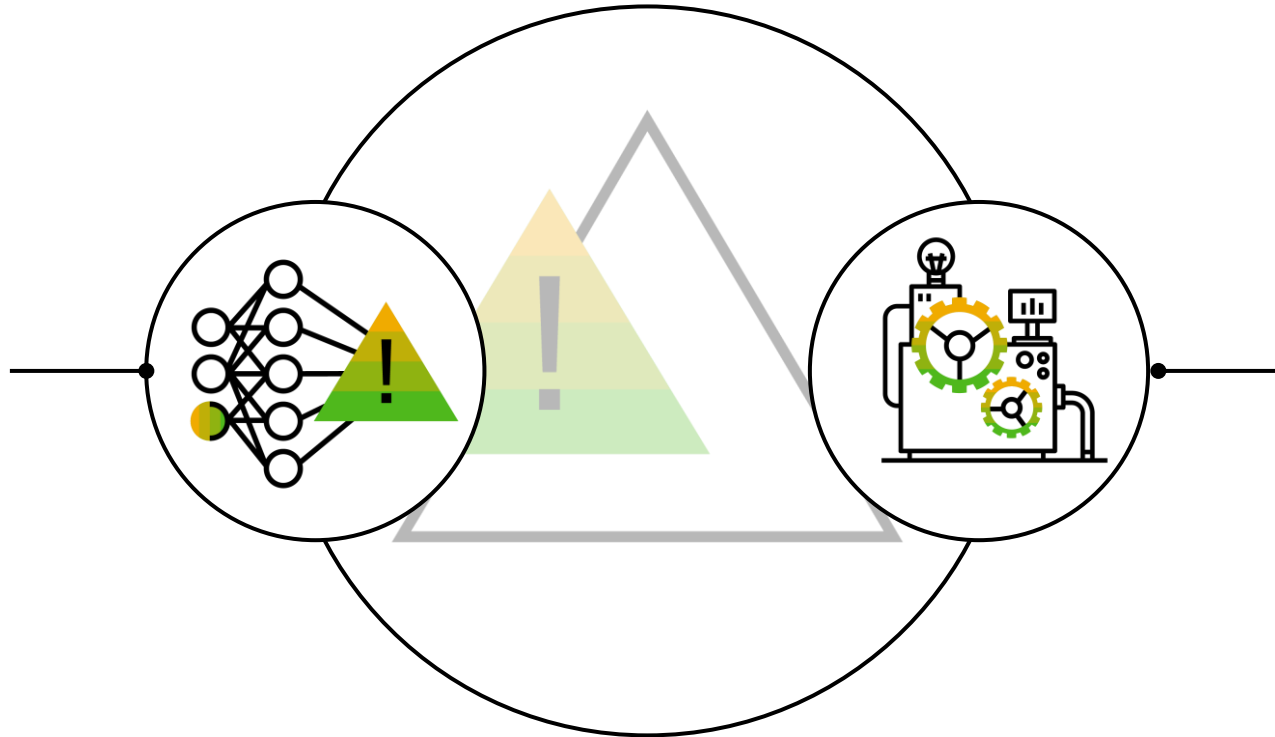
Product	Base Unit	Changes
<input type="checkbox"/> FG-21190	MT PC	1 Change
<input type="checkbox"/> FG-21191	MT EA	
<input type="checkbox"/> FG-21192	MT MT	
<input type="checkbox"/> FG-21193	MT MT	
<input type="checkbox"/> FG-21194	MT MT	
<input type="checkbox"/> FG-21195	MT MT	
<input type="checkbox"/> FG-21196	MT MT	
<input type="checkbox"/> FG-21197	MT MT	
<input type="checkbox"/> FG-21198	MT MT	

Field	New	Old
Base Unit	PC	MT

Testing challenges in cloud software upgrades and updates

Complex modern architectures

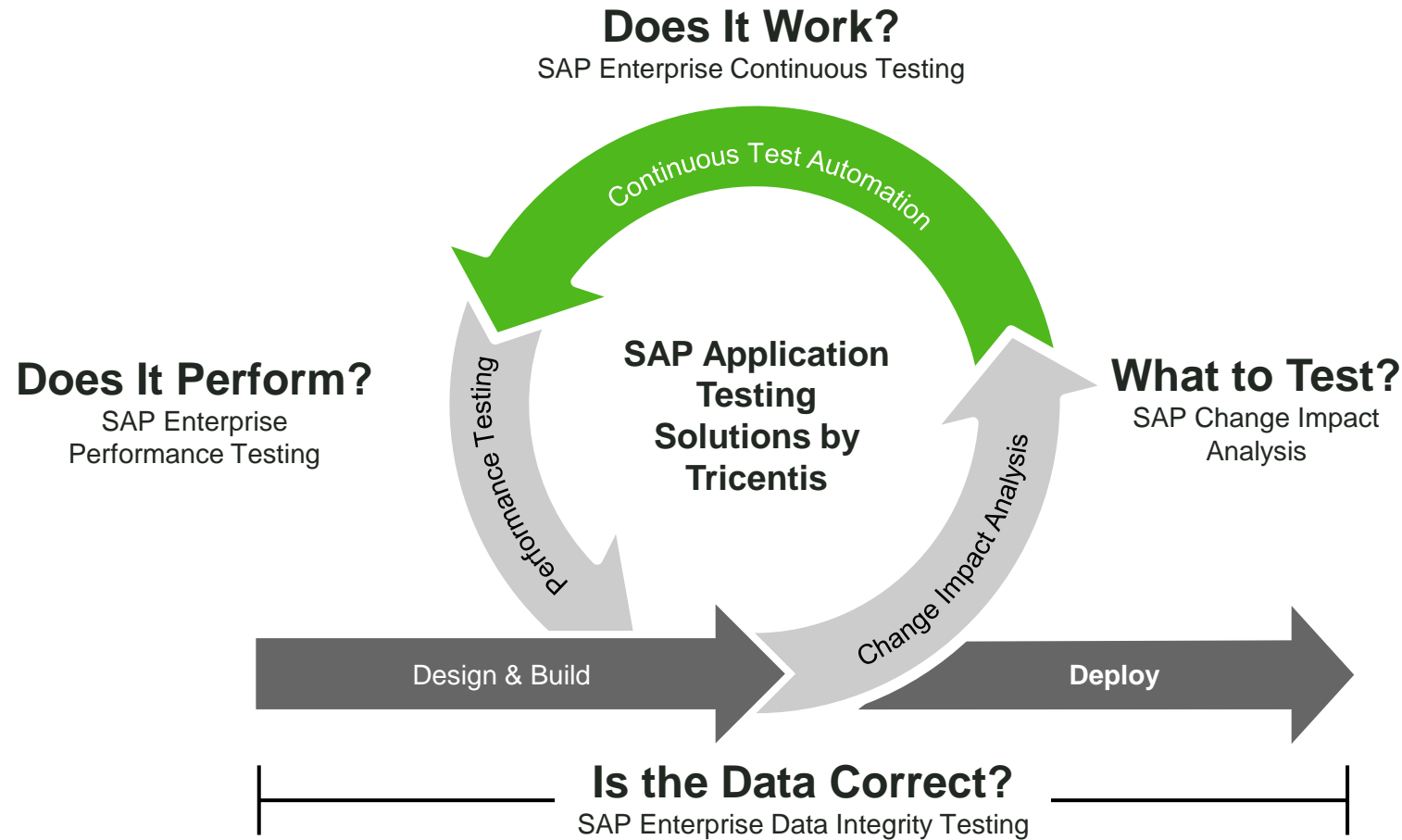
- Cloud infra & autoscaling brings new performance considerations
- In microservices architected apps, one service can bring down many



Outdated testing approaches (faster release cycles require faster testing)

- Manual testing can't keep pace with DevOps
- Test scripts require maintenance

SAP Application Testing Solutions by Tricentis



Key Benefits

Application release rates increased by **300%**

Production errors reduced by **78%**

Testing scope reduced by **84%**

Easier transition to SAP S/4HANA



Accelerate Move to SAP S/4HANA



- **>1,000 data quality attributes** managed autonomously each day
- **90% reduction** in master data creation time
- **One global system** for R&D

[Read the story](#)

Achieve faster data migration, archiving and clean data

- SAP Advanced Data Migration and Management by Syniti
- SAP Archiving and Document Access by OpenText

Improve productivity and reduce cost through consolidated master data

- SAP Master Data Governance

Ensure business continuity through testing

- SAP Enterprise Continuous Testing by Tricentis

Q&A.



Gerd Danner
RISE with SAP BTP Lead, EMEA North

