



Trust in Automation

Actionable Insights to Speed S/4HANA Modern Migration

April 2023

What We'll Cover...

- Modern Challenges with S/4 Migration
- Identifying S/4 Migration Approaches
- Customer Story 1: People Will Accelerate Your Understanding of Process
- Customer Story 2: The Truth about Reducing Defects and Maximizing Coverage
- Customer Story 3: Don't Wait for S/4 to Start Automating
- Customer Story 4: Automation Speeds Implementation

Modern Challenges with S/4 Migration

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Current Application Landscape

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FRAGMENTED

application landscape with geographically distributed, socially distanced teams

POOR EXPERIENCE

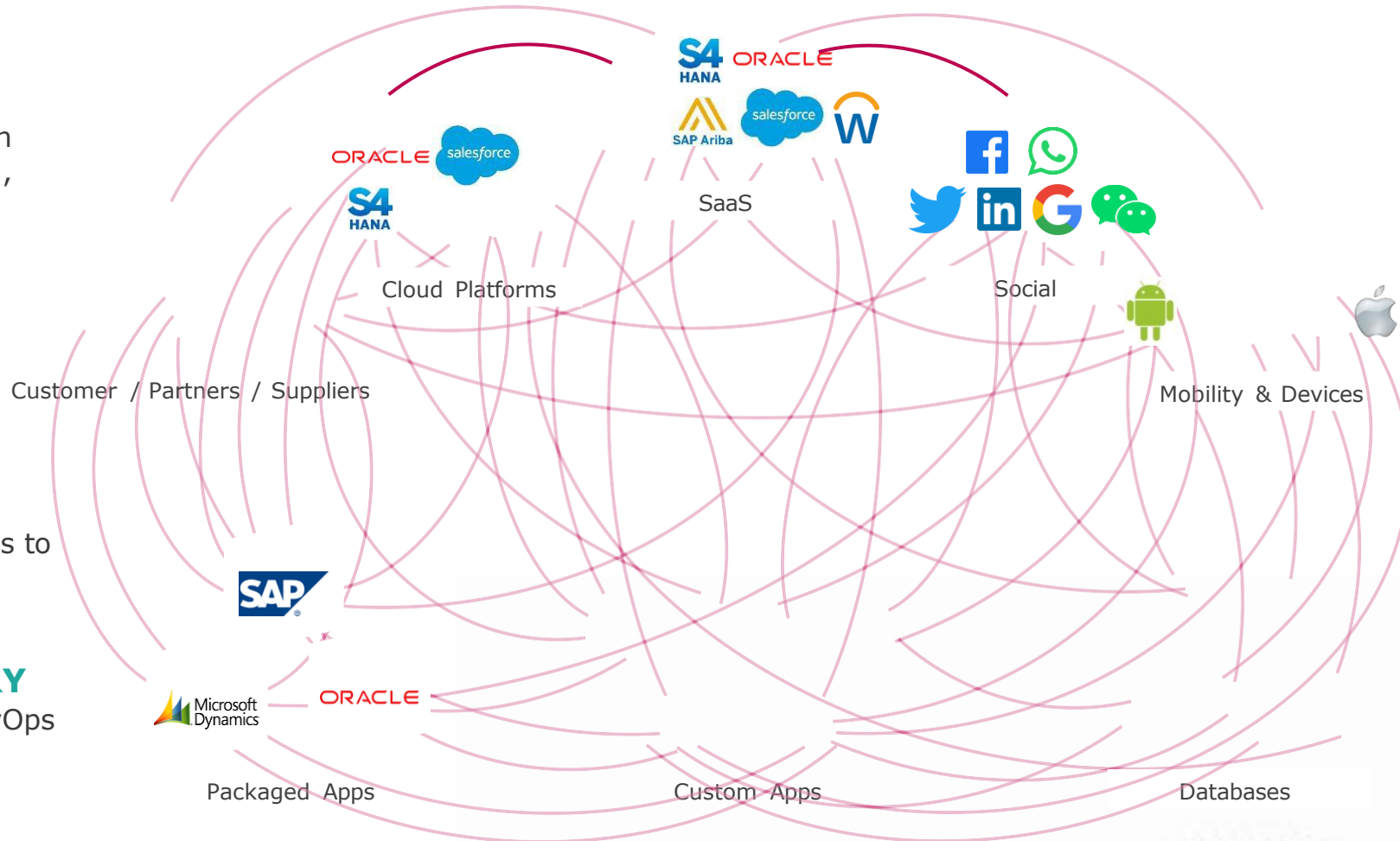
for both customers and employees

TECHNOLOGY RISK

associated with increased reliance on enterprise apps to run the business

OUTDATED DELIVERY

with limited Agile and DevOps practices



Quantifying the Challenge

87%

Say the most important requirement as they migrate to SAP S/4HANA is...

minimal disruption to operations

Source: SAP Insider SAP S/4HANA Migration 2021 Benchmark Report

63%

Report that automation provides **cost savings**

Source: ASUG Insight Spotlight Survey 2021

39%

of SAP S/4HANA customers **underestimated the complexity** of their migration

Source: ASUG Whitepaper, "Expedite SAP S/4HANA Migrations and Maintain Business Continuity with Automation."

Identifying S/4 Migration Approaches

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Approach to S/4 Migration

*No matter the approach or stage in your S/4 Journey, **automation is essential***

MOST COMMON

"LIFT & SHIFT"

Automate now,
reuse later

Capture, document, &
automate testing in ECC
SAP GUI and E2E apps

Reuse ECC GUI automation
in S/4HANA to test
S/4HANA business process
readiness.

GREENFIELD

Start with a new and
clean slate

Capture, document &
automate testing in E2E
apps

Build understanding of apps
and processes that will
interface with S/4HANA

"End-to-end automation has allowed us to gain efficiency and uncover defects we wouldn't have normally seen manually. We use automation to validate data loads and identify data defects early, and we've automated close to 100% of our regression testing to build a foundation for the future."

-Sachin Chhabra, IT
Director, PepsiCo

People Will Accelerate Your Understanding of Process

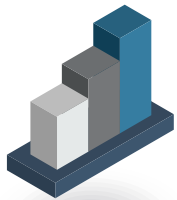
Heather Whitfield

Head of Process and Test Automation

Applied Materials

Applied Materials

Worlds #1 semiconductor and display equipment company, Est. 1967



\$23.06 billion in revenue
(TOTAL in 2021)



~15,700 patents



~27,000 employees
in **19** countries

WORKSOFT[®]



The last 15 years I've spent building the automation program...**number 1 challenge...the business really does not understand their processes completely. They think they do, but they really don't and if we can't get that process knowledge how are we going to move to S/4. It's a huge barrier.**



Heather Whitfield

Head of Process and Test Automation



So what we're doing. **We've started by focusing on the people first.** Looking at the process knowledge we have within our business. **Not just relying on the functional resources that we think has a lot of this knowledge, but actually looking into the business itself...to try to take this inventory of what process knowledge is out there...who we need to become part of the program. Who do we really need to bring in? And then looking to see where we have gaps.**

Key Points:

People will accelerate your understanding of Process

WORKSOFT®

- Use your migration as an opportunity ...
but you will need to understand your processes!
- Use people to increase process knowledge... then identify the gaps.

The Truth about Test Cycle Speed, Defects and Coverage

Wout Jacobs

Test Automation Architect

Dutch Railways

Dutch Railways

The world's busiest rail network



WORKSOFT[®]

- Defining the goals of Test Automation?
 - Test Faster (automation is faster than manual)
 - Coverage (automate earlier, automate more)
 - Detect Defects sooner to react quicker

- What should you aim to do?
 - Continuous Testing –finance, procurement, supply chain, logistics
 - Run's so "we don't have to look at it"
 - 8/9 am see the results, our test results are in can take action on the results quicker, every single day,

Don't Wait for S/4 to Start Automating

Jeenda Sri Ranjan

CEO & Co-Founder

ThreeRun – Working with BASF

ThreeRun

Managing Testing for BASF (Chemicals)



- What costs the most in an Automation Project?
 - Its not the software, it's the resources needing to be applied to the automating cycle!
 - So you need a solution that maximize value from each minute of effort...
- If I create automation on ECC, will it be wasted when I move to S/4HANA?
 - No! Don't delay, start automating today!
 - Only Worksoft can migrate automation assets from ECC (SAP GUI) to S/4HANA automatically

*“ERP is **90%** about people,
process, culture and politics and **10%**
about IT...
Misunderstand that, and you are heading for failure,”*

Jeenda Sri Ranjan
Co-Founder and CEO of
THREERUN

Automation Speeds Implementation

Christopher Pete

Automation Director

Ariel Corporation

Automation Speeds Implementation

Automated Testing Enables S/4 Go Live Ahead of Schedule

“We kicked off our SAP conversion in July of 2020. We had an estimated go live of around January, 2021. We were actually able to realize our go live much sooner. Rarely do you hear an SAP project going live earlier than what was initially planned. **One of the big factors that allowed us to really realize that was the fact that we had automated a lot of the testing.**”



CHRISTOPHER PETE
ARIEL CORPORATION



75% TESTING
FASTER

2 Months AHEAD OF
SCHEDULE

So, What did we hear?

Key Themes from Customer Stories



WORKSOFT[®]

Heather

- People for Process Knowledge

Wout

- Speed, Coverage, Defects
- Goal is achievable!

Jeenda

- Don't wait!
- ECC to S/4HANA script reusability

Christopher

- Use automation as an accelerator during SAP Migration

Thank you