

Journey to SAP Integration Suite

Part of the **Messer** World 



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Speaker Introduction



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Agenda

- About Messer
- Messer's Digitalization Agenda
- Journey to Integration Suite
- Value delivered with Integration Suite
- Case Studies
- Integration Architecture
- SAP PO 7.5 to Integration Suite Migration
- Migration Plan

About Messer



Company

Formed in 2019 after our business was acquired by Messer Group and CVC Capital Partners, we draw on a rich heritage of industrial gases expertise to meet customer needs. As a part of Messer Group, we are the world's largest privately owned industrial gases business.

Messer is a technology and applications leader with the industry knowledge and experience to meet customer needs across industrial, food, medical, chemical and electronics industries. We offer over 120 years of proven experience in the safe and reliable production and delivery of industrial, medical, and specialty gases..

Solutions

- Problem-solving gas technologies
- Extensive, flexible and reliable gas distribution network
- Industry experts and local customer service team

About Messer



Our Products

Industrial Gases | Medical Gases | Laser Gases Specialty Gas and Mixtures

Ar Argon

Widely used as a blanketing or shielding gas in metallurgy, As well as arc welding and cutting

CO₂ Carbon Dioxide

Common in beverage carbonation, modified atmosphere packaging, substrate cooling, supercritical CO₂

He Helium

A versatile gas whose uses range from MRI magnet cooling to pressurizing fuel tanks for rockets ships

H Hydrogen

Used in electronics industry, for heat treatment applications, producing hydrogenated oils and for hydrogen fueling

N Nitrogen

Colorless, odorless, tasteless and nonflammable, nitrogen is used in food freeing and chilling applications, electronics and metal fabrication – to name a few

O Oxygen

Oxygen's many uses are based on its combustion-sustaining, oxidizing and life-supporting attributes

Key Markets / Gas Technology Applications



Food and Beverages

For carbon, and advanced food processing and packaging.



Healthcare

Including gases for medical uses, and pharmaceutical R&D and processing.



Water Treatment

For municipal and industrial purification and treatment.



Pulp and Paper

For pulp bleaching and water treatment.



Metals

For welding, combustion, thermal treatment and 3D manufacturing.



Chemicals & Specialist

For various processes.



Oil and Gas

For well production and hydrocarbon processing.



Electronics

For use in manufacturing and excimer lasers.

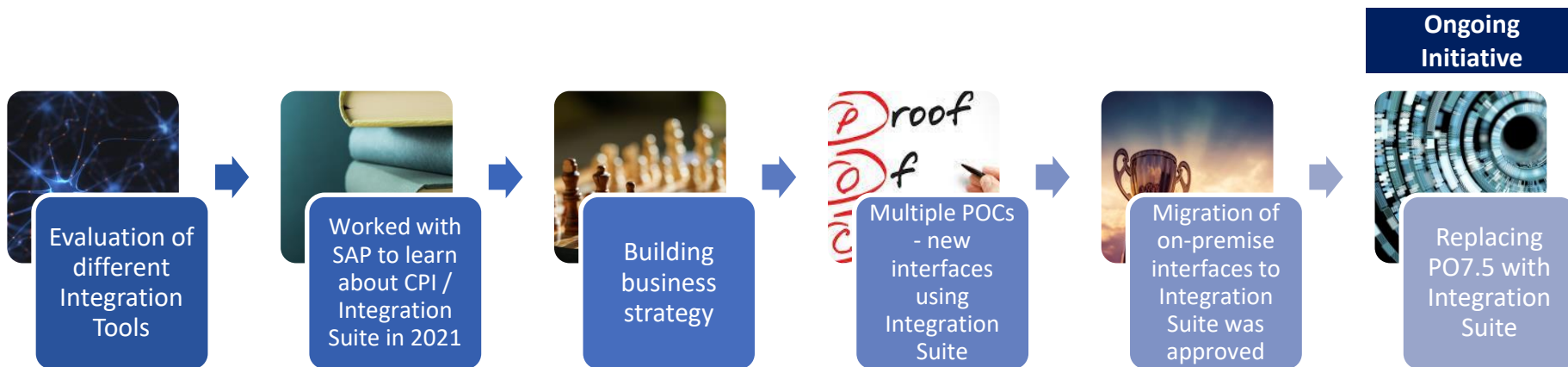
Messer's Digitalization Agenda



As part of Messer's **Digitization** and **Business Transformation** strategy, Messer was looking for an Integration Platform which can -

- Help Messer to innovate quickly and to integrate business processes in order to realize the real value of SAP BTP cloud deployments.
- **Minimize** maintenance efforts and cost for development and operations
- **Meet Capabilities:** SAP Integration Suite offers several enhancements and new features that are not available in SAP PO, such as support for microservices and event-driven architectures, integration with SAP ECC, S/4HANA and SAP Cloud Products, Salesforce and integration with external cloud services.
- **Help** get Smooth and seamless integration development
- **Be** Constantly evolving and future ready integration platform
- **Help** Better and alert-based interface monitoring and exception handling
- **Accelerate business outcomes:** Quickly integrate and connect any application or business partner with thousands of pre-built integrations using a proven methodology based on 50 years of SAP best practices.

Journey to Integration Suite



Benefits

- Real time monitoring of the interfaces
- Alert notification with key information from the payload
- Minimum maintenance cost
- Minimum downtime

Value Delivered with Integration Suite

Innovating with **Cloud Agility** Leading Industrial Gas Provider and Distributor

Business Context

- Requirement for seamless flow of information between drivers & Scheduling/Planning Agents
- Requirement for hassle-free web portal to have visibility on Planning & Maintenance processes
- Requirement to fetch PO from various 3rd Parties in different formats and create an SO in the system

Applexus Solutioning

- Integration of Genesys (Cloud App) and Samsara (Cloud App) for vehicle telematics & monitoring and apps & driver workflows
- Integration of Prometheus (Maintenance & Scheduling) tool with SAP ECC for synchronous data exchange
- Integrating a landscape of systems (SAP ECC) into the cloud (Connexion) for PO to SO process using SAP BTP – Integration Suite (Cloud Integration)

Business Benefits

- Ensure seamless collaboration between scheduling agents and drivers to reduce TAT and optimize fleet management
- Streamline plant maintenance schedule seamlessly with event monitoring and incorporate change in maintenance planning
- Eliminate manual processing of sales orders by automating the conversion of PO to SO in the cloud



Case Study – Genesys-Samsara Integration



Case Study

Cloud Integration



Leading Supplier and Distributor of Industrial Gases

Challenges

1. Requirement for seamless & timely flow of information between Drivers & Scheduling/Planning Agents.
2. In the as-is process, Drivers sent messages from PeopleNet (Fleet management software service flow) into GOLD (client's legacy contact center) as an alert.
3. These alerts could be potentially ignored for a long period, thus delaying the response time and unutilized labor hours

Solutioning

Integration of Genesys (Cloud Contact Center) and Samsara(Cloud Fleet Management App) using SAP BTP Integration Suite for vehicle telematics & monitoring apps & driver workflows

Benefits



The integration between SAMSARA & GENESYS cloud platforms has improved response time to the driver and provided a better overall experience for both driver, planners and customer



The need to implement an external solution requiring more servers, a new support team and a new technology stack was eliminated as we could integrate and make a seamless workflow between the Genesys & Samsara using SAP Integration Suite



Rapid deployment of BTP Cloud integration solution ensured faster value realization



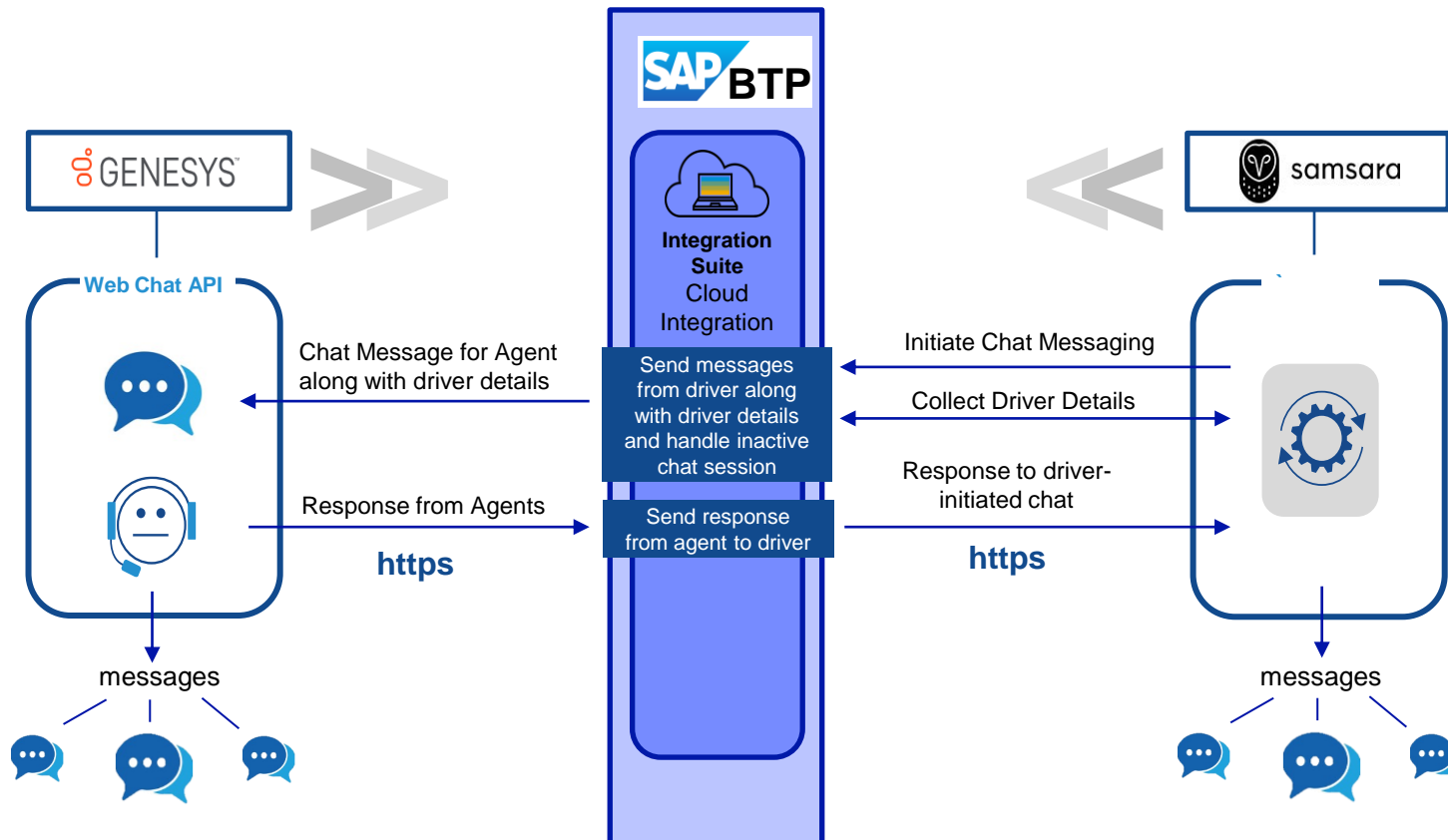
Gained real-time visibility on fleets and end-customer services, to enable digital transformation on a massive scale



Our client could Easily integrate with a variety of third-party routing and dispatching software to simplify operations into a centralized view using BTP **Cloud Integration platform**

Case Study – Non-SAP Integrations

Genesys-Samsara Integration



Case Study – Conexiom Integration

Cloud Integration



Leading Supplier and Distributor
of Industrial Gases

Challenges

1. Email is currently sent to Esker Mailbox and purchase order data is pulled from the email and attachment.
2. Sales order confirmation for all the sales orders is done manually.

Solutioning

1. Introduce Conexiom application to fully automate the process of sending email confirmation.
2. Use all and send the details to SAP Cloud Integration to pass order details from Conexiom to SAP ECC.
3. Set up an integration flow at SAP Cloud Integration to accept order details in JSON format via HTTPS c SAP ECC via SOAP webservice

Benefits



Reduces manual work



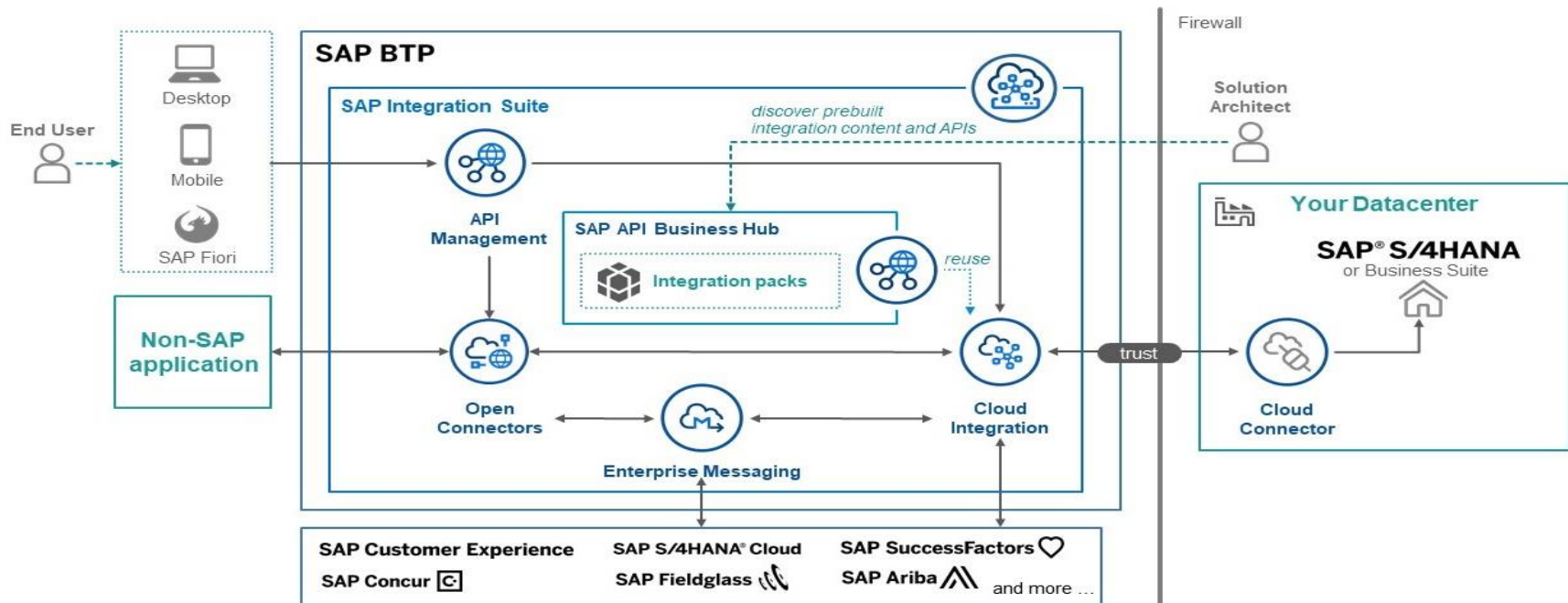
Improves efficiency and accuracy



Provides an automated email confirmation to the sender's email address.

Integration - Architecture

SAP Integration Suite



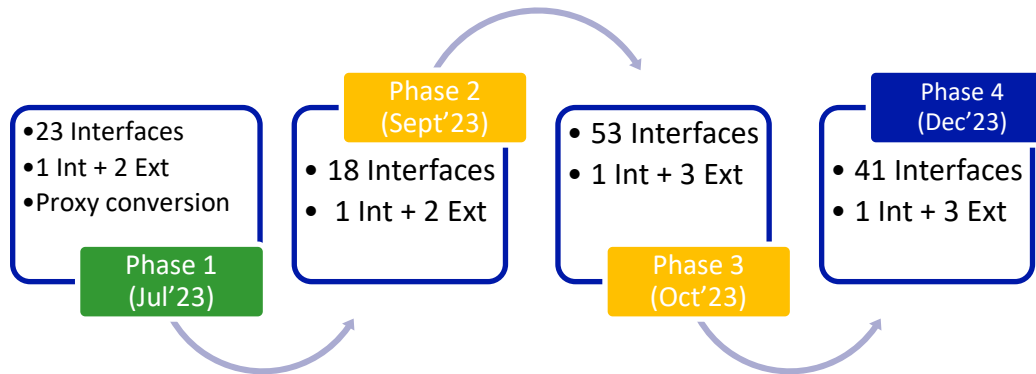
Courtesy : SAP

PO 7.5 Migration to Integration Suite - Migration



- Migration assessment analysis was done by **SAP Migration Factory Team** which helped Messer to put together the migration plan.
- Messer is now executing the migration with the support from Applexus and Stefanini
- Phased migration with multiple go-lives for better planning and control
- Initial estimation: 52 weeks of migration
- SAP Migration tool was launched in January 2023 which expedited the migration process by 50%
- Successfully went live with Phase 1 interfaces with no major challenges/issues
- Positive feedback from business users about alert-based monitoring of the interface
- Moving to cloud-based middleware will help Messer to save the maintenance cost by >60%

In-house Migration Plan



Analyze interfaces for risks, challenges
Identify infrastructure requirements

Set up Cloud environment for SAP Cloud Platform
Integration Suite
Import existing integration flows & mappings

Adjust client application to adopt to
new end points, service keys

Evaluate

Plan

Preparation

Test

Migrate

Live

Prepare detailed migration strategy

Test-drive the deployed Interfaces

Cutover-
Decommission older PIPO Interfaces
Deploy interfaces in Integration Suite.

Thank you



Questions?

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