



PROCESS
AUTOMATION
SOLUTIONS

Answer the data challenges for SMEs in 2024

Peter Huegel
Customer Solutions Architect

ASUG WISCONSIN CHAPTER MEETING
Milwaukee, WI
March 08, 2024

ChatPeter 1 ▼



How can I help you today?



® PA Solutions

ChatPeter 1 ▼



How can I help you today?



Tell us who is presenting and where he is coming from. Pull a corporate slide.



© PA Solutions

ChatPeter 1 ▼



YOU: Tell us who is presenting and where he is coming from. Pull a corporate slide.



ChatGPT

The presenter is Peter Huegel, representing



Process Automation Solutions.

Coming from....Location: He is hailing from Virginia

Coming from....Background: He is working 20y+ in Analytics related to SAP

Here is the slide you requested....



 Message ChatPeter.... 

ChatPeter 1 ▼



YOU: Tell us who is presenting and where he is coming from. Pull a corporate slide.



ChatGPT

The presenter is Peter Huegel, representing

Process Automation Solutions.

Coming from....Location: He is hailing from Virginia

Coming from....Background: He is working 20y+ in Analytics related to SAP

Here is the slide you requested....



 Message ChatPeter... 

We are part of a bigger team



Automation Tooling Systems Inc. (NYSE: ATS)

4,400

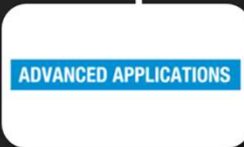
Cambridge ON, CN



Process Automation Solutions

1,500

Greenville SC * Vienna VA * Ludwigshafen, DE



Advanced Applications GmbH

150

Los Angeles CA * Rottweil, DE



ADVANCED APPLICATIONS

ChatPeter 1 ▼



How can I help you today?



What are the data challenges for SMEs in 2024?



© PA Solutions

ChatPeter 1 ▼



YOU: What are the data challenges for SMEs in 2024?



ChatGPT

Data Security

Data Management

→ Data Quality

→ Data Analytics

Costs of Data

Regulatory Compliance

Skills Shortage

Technology Adoption



Message ChatPeter....



© PA Solutions

ChatPeter 1 ▾



YOU: Are these the same challenges as in 2023?



ChatPeter

In general, yes.



Message ChatPeter....



© PA Solutions

ChatPeter 1 ▼



YOU: So, what is different then in 2024 to 2023?



ChatPeter

There is a new kid on the block:

Generative AI

This is going to change everything...

...and taking care about your data situation became
just slightly more urgent



Message ChatPeter....



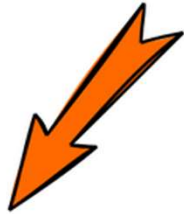
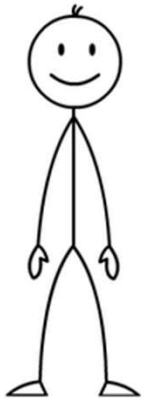
© PA Solutions



How to solve your data challenges?

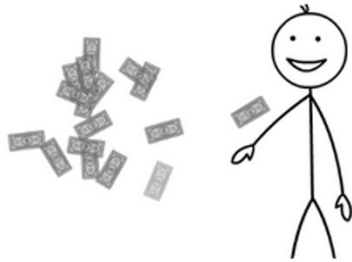
Generative AI!

But...How to deal with it?



Let's call this plan B

and park it for a while



How do we get to Plan A then?

Starting position:

Generative AI will not fix your data challenges,
but quality data is needed to get (any) AI going

Conclusion:

Data quality should be the priority
Everything else must follow

Why emphasizing Data Quality?

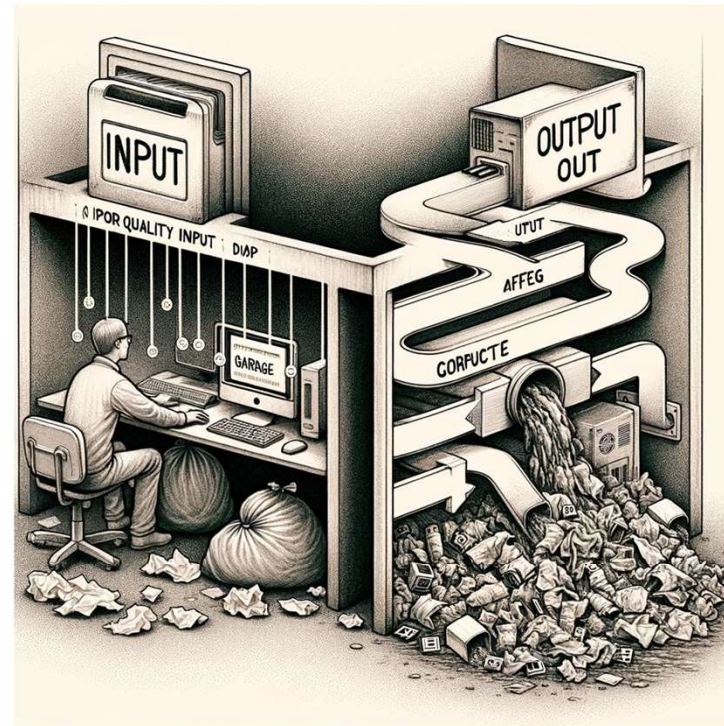
Data quality defined as <The right data, at the right moment, at the right place >

is the driving force for the success of production, inventory, sales, analytics and AI projects.

This can start immediately.

Garbage in – Garbage out is still a thing.

Actually, even more so now....



Created by DALL.E based on this quote

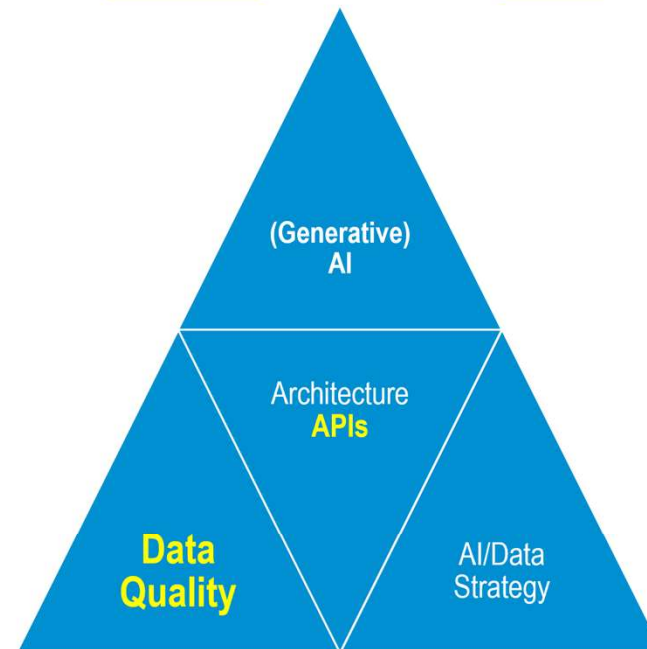
How do data and (Generative) AI relate?

Data are **a** key component – for anything, for AI and Generative AI they are **THE** key component

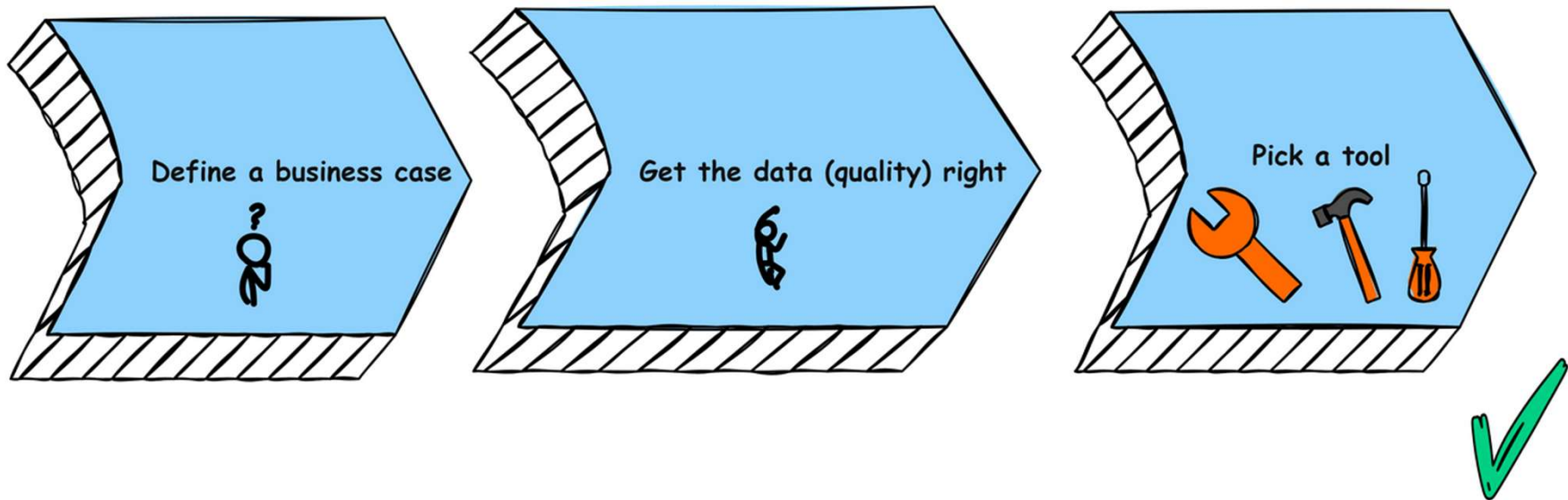


Source: Willem Koenders TWDI Group LinkedIn

Business Expectations Needs



This is what a Plan A can look like





How does Process Automation fit into this picture?

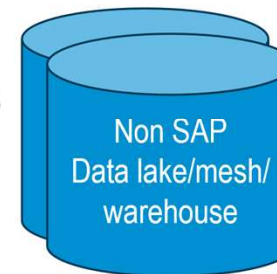
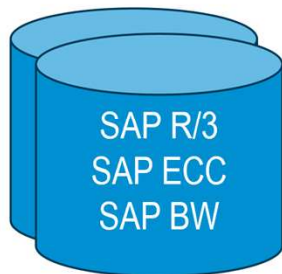


How does Process Automation fit into this picture?

Looking into optimizing your shipping processes? Advanced Shipping for S/4HANA



- Automation
 - Process definition
- Process optimization
 - Workflow definition
- Workflow optimization
 - Shopfloor automation
 - Shopfloor integration
 - Data Preparation
 - Data Analytics

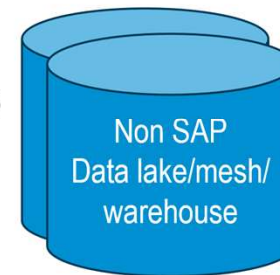
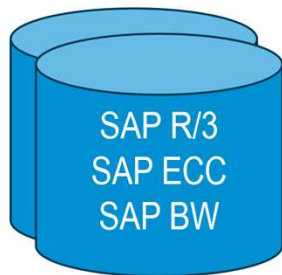
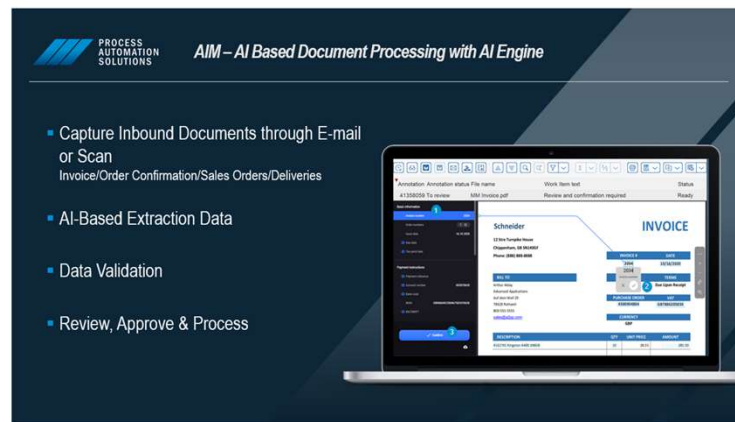


How does Process Automation fit into this picture?

Data processing challenge answered by AI based document processing for S/4HANA



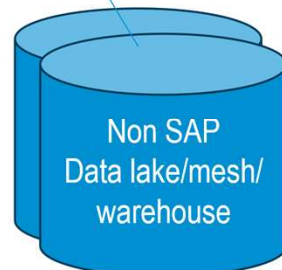
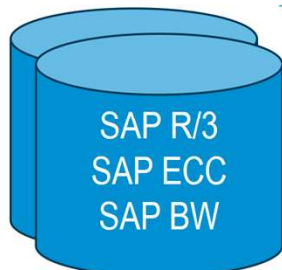
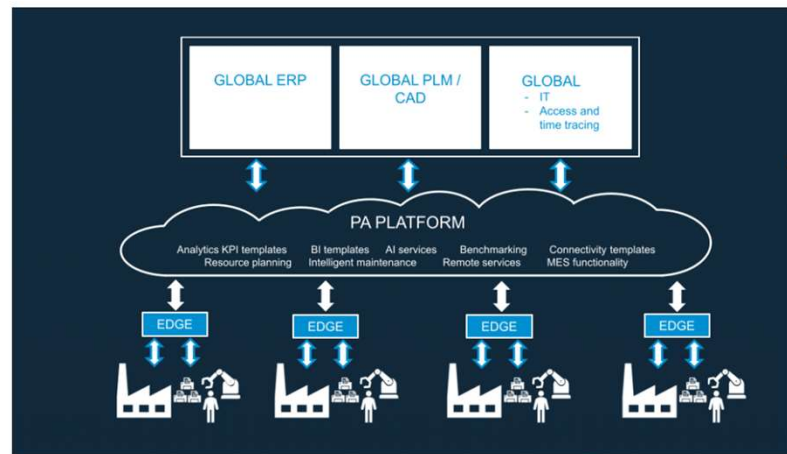
- Automation
 - Process definition
- Process optimization
 - Workflow definition
- Workflow optimization
 - Shopfloor automation
 - Shopfloor integration
 - Data Preparation
 - Data Analytics



How does Process Automation fit into this picture?

You have multiple plants or systems. **PA Facts:** Production.IoT.Analytics.AI - all integrated

- Automation
- Process definition
- Process optimization
- Workflow definition
- Workflow optimization
- Shopfloor automation
- Shopfloor integration
- Data Preparation
- Data Analytics

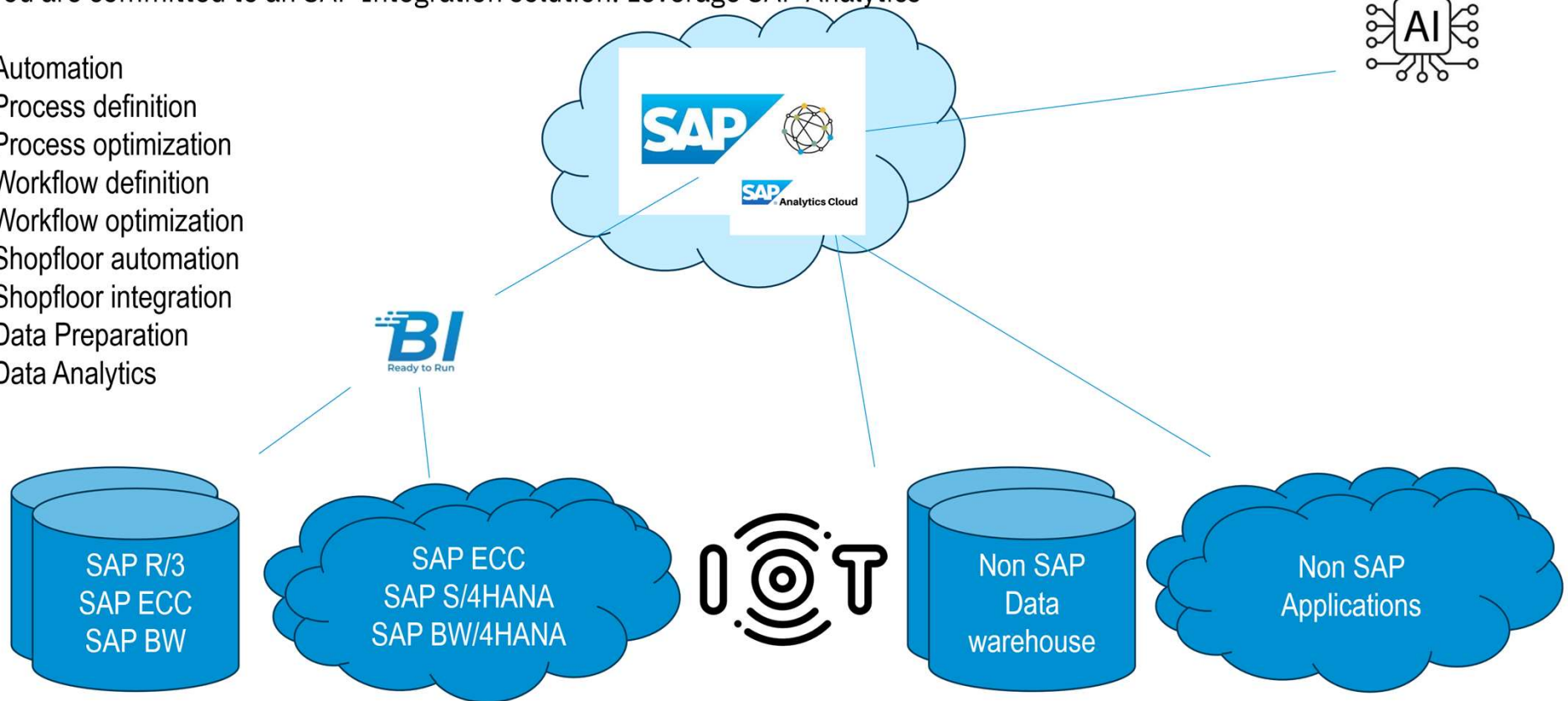


How does Process Automation fit into this picture?

You are committed to an SAP Integration solution. Leverage SAP Analytics

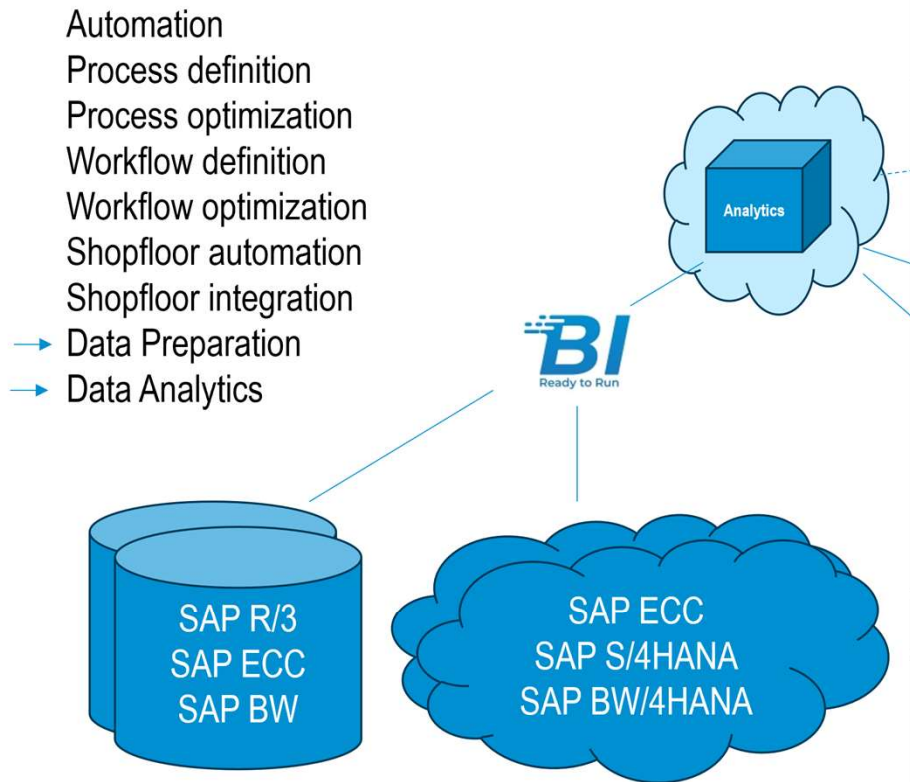


- Automation
- Process definition
- Process optimization
- Workflow definition
- Workflow optimization
- Shopfloor automation
- Shopfloor integration
- Data Preparation
- Data Analytics



How does Process Automation fit into this picture?

Finally, you are on-prem? Or you look for a very agile solution for Analytics and Planning.



Ready to Run (R2R)

R2R Modules

R2R PP
Production

R2R SD
Sales

R2R PUR
Purchasing

R2R MM-IM
Materials Management

R2R PM
Plant Maintenance

R2R QM
Quality Management

R2R CS
Customer Service

R2R PS
Project Management

R2R HR
Human Resources

R2R FI
Finance

Executive Summary

When all you have is a hammer, everything looks like a nail.
[Even if it is a mighty hammer, like Generative AI]

based on Abraham Maslow/Abraham Kaplan



Created by DALL.E based on this quote

Thank you for your time!
Are there any questions?



Peter Huegel
Customer Solutions Architect

 (703) 463-9801

 peter.huegel@pa-ats.com

FOLLOW US   

Let's get our data challenges behind us, so we can attack new challenges