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Digital
ready!

How the process industry discovers
its greatest potential

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Microsoft
Partner

Accuracy for Success in the Process Industry

To achieve long-term success in the pharmaceutical, biotechnology, food, cosmetics, food and medical technology sectors, you need to work with precision. This is because your day-to-day work consists of demanding tasks that you approach partly or completely manually.

This entails a number of risks, for example:

- High error rate due to misunderstandings when handling data or duplicate filing
- Enormous expenditure of time, even though you urgently need the resources elsewhere
- Backward working methods that do not meet high customer demands and give other companies a competitive advantage
- Quality of products decreases due to insufficient quality controls
- Lack of space and time to develop new ideas

But which processes should you approach and digitize?

Our guide will help you find the processes that are really worth digitizing. In six typical scenarios we show you which processes can unnecessarily complicate your daily business and how you can simplify them digitally. Do you recognize your company in a scenario? If so, don't hesitate and get started with digitalization.

Scenario 1

Lengthy Processes Waste Valuable Time and Money in the Process Industry

Processes in the process industry involve many intermediate steps and dependencies such as approvals and quality checks. If these steps are carried out manually, this leads to long processing times and delays.

Ask yourself the following questions to **identify** digitization potential:

Which steps in production and quality assurance take a long time to complete manually?

Where do delays occur again and again because processes are interdependent?

Which bottlenecks could you avoid with more efficiency?

Save time thanks to automated processes

Software solutions such as Enterprise Resource Planning help to reduce the large number of individual tasks and time-consuming processes, as they automate numerous processes such as batch management, quality controls and invoicing. This reduces the time required and the error rate caused by manual work. Particularly sensitive sectors such as the process industry benefit from security.

You can achieve this with **digitalization**:

- Efficient processes that run faster and minimize long processing times thanks to automation and digital workflows.
- Transparent real-time tracking of your processes. Everyone involved is informed at all times and bottlenecks can be identified at an early stage.

Scenario 2

The Search for Information Takes Time Away From Securing Your Batches

Consistent data is essential for reliable products. When it comes to information on material qualities, recipes and machine parameters, everything has to be consistent. This kind of information is often stored in an unstructured way. It leads to delays and, in the worst case, to quality problems. Unstructured data can lead to production downtimes or quality issues.

Ask yourself the following questions to **identify** digitization potential:

Which data needs to be sourced again and again very complex?

In which areas is it unclear who provides and updates information?

Are all those involved able to access the necessary process and production data quickly?

You can achieve this with **digitalization**:

- Central data storage on one interface, so that all information is always up-to-date and accessible to everyone.
- Transparent documentation and traceability, which is particularly essential in regulated industries such as the chemical and pharmaceutical sectors.
- Up-to-date data in real time, providing reliable production and quality information.

Overview and security thanks to central storage and real-time data

Central storage of documents and information in one digital hub saves time-consuming searches. Because you also have access to real-time data via software such as an ERP system, you are always up to date and your work steps are faster and more reliable. A search functionality allows you to find the documents you need in an instant way instead of spending time to search for them on a file server.

Scenario 3

Media Discontinuities Disrupt Workflows and Increase Error Risks

Media discontinuities often arise when data has to be transferred from paper forms or separate systems such as Excel to central solutions such as ERP systems. The risk: data loss and errors during the transfer.

Ask yourself the following questions to **identify** digitization potential:

Which data is transferred manually from one system to another?

In which cases are paper documents necessary to record information?

Do media disruptions affect your production and quality standards?

Working on **one interface** thanks to integration

When software solutions are synchronized with each other, they merge seamlessly. Microsoft is a champion in this area. This is because the solutions are perfectly coordinated and enhance each other. You no longer have to switch between different systems, but work centrally on one interface thanks to the integration.

You can achieve this with **digitalization**:

- Seamlessly integrated systems so that data is based on a single basis instead of being duplicated.
- Less errors, because instead of transferring data manually, the step is automated and digital.

Scenario 4

Decisions Based on Missing or Insufficient Data Limit Your Success

Decisions in the process industry often depend on process parameters, quality controls and production requirements. If this information is insufficient or missing, no well-founded decisions can be made. The result: errors, higher costs or even security risks.

Ask yourself the following questions to **identify** digitization potential:

In which areas are decisions currently being made without sufficient data?

Which key figures do you regularly miss in order to make strategic or operational decisions?

You can achieve this with **digitalization**:

- Data-based information for decisions in real time.
- Better processes, because changes are made more considered and more accurately if there is a solid basis for them.

Well-founded decisions thanks to evaluations with all relevant data

A consistent, real-time database is the key to precise evaluations. Business intelligence systems such as Microsoft Power BI are able to access all relevant data in the company and display it appropriately. Instead of incomplete analyses, you receive well-founded key figures. You will no longer make business decisions based on your instinct but rather on data.

Scenario 5

Paper-Based Processes Slow Down Your Innovation and Strengthen Competition

Many companies still use paper-based processes. Typical examples are documentation and the signing of important documents. This generates paper and printing costs, takes a lot of time and effort and is outdated.

Ask yourself the following questions to **identify** digitization potential:

Which processes still require paper print-outs, manual signatures or scanning?

In which areas are the print and paper costs high?

Which tasks could be made more efficient with digital document management?

Multi-site and mobile signing thanks to e-signatures

If required people work from different locations or remotely, signatures on printed documents become a time-consuming task. With software such as Yaveon ProDocs sign, you, your colleagues and third parties sign documents flexibly, digitally and remotely. You can also access signed documents electronically.

You can achieve this with **digitalization**:

- Lower material costs by replacing paper-based processes with digital documentation.
- Optimized workflows which are free of manual processes and their administration.

Scenario 6

Routine Tasks Take Away the Motivation That Is Essential for Reliable Products

Many routine tasks characterize your daily business. These include recording measured data, checking material availability and manually documenting results and quality events. These routine tasks are often monotonous and annoying. The responsible persons rapidly lose motivation and the joy of their work.

Ask yourself the following questions to **identify** digitization potential:

Which routine tasks are especially time-consuming?

In which areas are tasks often repetitive, which affect the motivation of those involved?

You can achieve this with **digitalization**:

- Automation of routine tasks that relieve your employees and allow them more time for their core business.
- More efficiency and less potential for errors, because routine processes work reliably and error-free.

Faster results thanks to practical workflows

Repetitive tasks and requests can be automated with the Microsoft Power Platform. Workflows automatically assign tasks, accelerate processes and improve efficiency, for example when approving invoices. A document management system that initiates and runs through workflows helps here. Progress is documented and success is achieved faster.

The Path to Digitalization: Make the **Most of** **Your Processes!**

Digitalization is more than just technical innovation - it is the key to sustainable success and competitiveness. Automated and digitally controlled processes not only reduce the error rate, but also significantly increase the efficiency and flexibility of your processes. Daily business in the process industry can be significantly improved by digital solutions: Repetitive tasks are automated, information flows smoothly between systems and decisions are based on real-time, centralized data. You win time, efficiency and security as well as setting up your company optimally to remain successful in a dynamic market environment. You should not let the outdated structures slow you down. Use your outstanding potential and place your company at the top of the process industry.

Digitalization Know-How, Experience & Expertise for Solutions: Yaveon

As a Microsoft partner and digitization professional with its own ERP industry solution especially for the pharmaceutical, biotech, chemical, food, cosmetics and medical technology industries, YAVEON transforms complex processes into pure simplicity – transparent and compliant. Our solutions are future-proof and scalable so that you can grow in the long-term and celebrate innovations. In addition, best practices based on trustful collaboration with our 750 customers worldwide will enable industry-leading success through digitalization. Thanks to strategic integration, you can use the entire toolkit for digital processes at the highest level: from document management to electronic data exchange, there are many other YAVEON solutions that seamlessly merge with your ERP into one unit. Only you set the limits!

Our team with over 200 employees at different locations and our global partner network work towards one goal every day: your freedom to reach the extraordinary.

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