

A man with a beard, wearing a white lab coat and a white hairnet, is looking intently at a computer monitor in a pharmaceutical or laboratory setting. The background shows industrial equipment and bright lighting.

*HYDRA X for Process
Compounding Management*

HYDRA X

Are your **compounding** processes running smoothly and digitally? Are you well prepared for the increasing competitive pressure in your industry?



Motivation

"Fluctuating raw material qualities and lack of transparency in manufacturing processes often lead to **rework** and **modify recipes**."

"Our **employees** shoulder a **great deal of responsibility** when handling raw materials and equipment. **Paper-based instructions** are often **not prominent enough**."

"Important data for the individual phases of the manufacturing process **is either not available or too late**. This is why we do not detect irregularities **right away**."

"**Paper-based processes** make documentation extremely **time-consuming** and complicate traceability."

"**Competitive pressure** is **incredibly high** in our industry, and we are unsure how to further optimize our processes."



Your Issue



- Reduce the workload of your employees with **user-guided processes**.
- Create a **digital image** of your manufacturing processes.
- Manage your orders and processes in **real time**.
- Have every step of the process **documented** automatically
- Set up digital **batch tracking**.



Our Solution

With the mApps HYDRA X for Process of the category Compounding Management, you can ...

- ... ensure compliance with manufacturing specifications: Precise adherence to quantities, quality standards, and other manufacturing specifications.
- ... execute processes efficiently and securely: Use scanners for improved identification, error reduction, and seamless traceability of materials.
- ... guide operators safely: Clear instructions in weighing, dosing, and mixing processes for error-free workflows
- ... generate batch mixing based on resources: dynamic generation considering production specifications and resource capacities



HYDRA X for Process Compounding Management



- Complying with regulatory requirements
- Monitoring material & container holding times as well as specifications for product shelf life
- Integrating HACCP into your processes
- Complying with guidelines such as kosher, halal, and allergens, and provide digital support
- Introducing safe user guidance including digital checklists and locks in case of deviations

Your Benefits



Increasing efficiency and productivity

- Easing the burden of responsibility on employees
- Shortening lead times and higher added value through the standardization of processes
- Consistent and more timely implementation of processes



Increasing delivery reliability

- Safeguarding and optimizing material stocks
- Bidirectional data exchange in real time with the ERP system
- Reducing material waste, e.g. through accurate weighing



Digital instead of paper-based processes

- Transparent provision of essential data
- Digital recording for batch traceability
- Simple analysis and documentation of all process steps in real time

Your Benefits

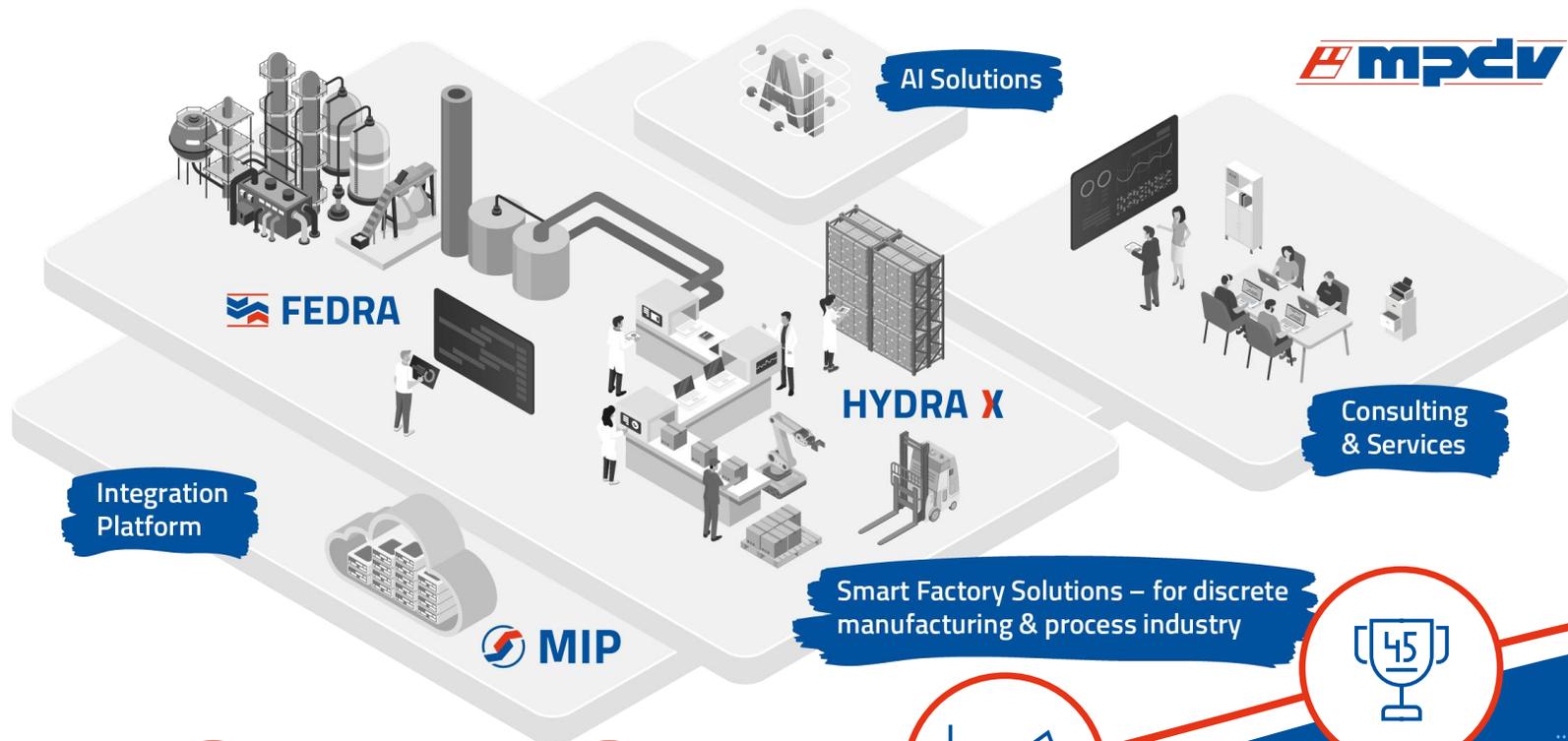
With HYDRA X for Process **Compounding Management**, you can meet manufacturing requirements such as **weighing, dosing, mixing, and filling** of materials efficiently and safely.



Get started now!

A photograph of a modern industrial building complex. The main building is white with blue accents and a large glass entrance. To the right, a blue-roofed structure features the MPDV logo. A small pond is in the foreground. A white box with the text 'About MPDV' is overlaid on the left side, connected to a blue bar at the bottom by a red line.

About MPDV



people work with our solutions every day

1.485.000

installations in all industries

2.430



Worldwide present



530
employees



80 Mio.
euros
group turnover



45
years in the market &
market leader for
manufacturing IT



Would you like to find out more about HYDRA X for Process?



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