



*Resource Management*

**HYDRA X**  
*BUILD YOUR FACTORY SMART*

WE CREATE SMART FACTORIES



Do you make optimum use of your **resources**?  
... and do you know their potential?



Motivation

"If one of our supervisors wants to **know** what is being produced on a machine and whether everything is running well, then they either have to **call** or **go there** themselves. This is certainly antiquated."

"Most of our machines provide us with **data**, but what do we do with this data? How can we **use** this data to **optimize** our **processes**?"

"We have got two major **problems** in our production: **maintenance** and **NC programs**. Both are **time-consuming** and **tiring**."



**Your Issue**





- Manage all your resources in one system.
- Keep digital histories automatically.
- Keep an eye on everything.
- Use intelligent tools for maintenance and automatic data transfer.



## Our Solution

## With the mApps of the HYDRA X category Resource Management, you can...

- ... manage all resources and keep histories.
- ... monitor the performance of your resources & display it in real time – including KPIs.
- ... control & optimize maintenance of your resources.
- ... record and classify your energy consumption.
- ... record and analyze process data.
- ... optimize setup processes via digital transfer of setting data & NC programs.



**HYDRA X**





Production  
Process  
Analysis

Energy  
Management

AI-based  
Capacity  
Utilization  
Analysis

Maintenance  
& Service  
Management

Process Data  
Management

Machine  
Performance  
KPIs

Equipment  
Management

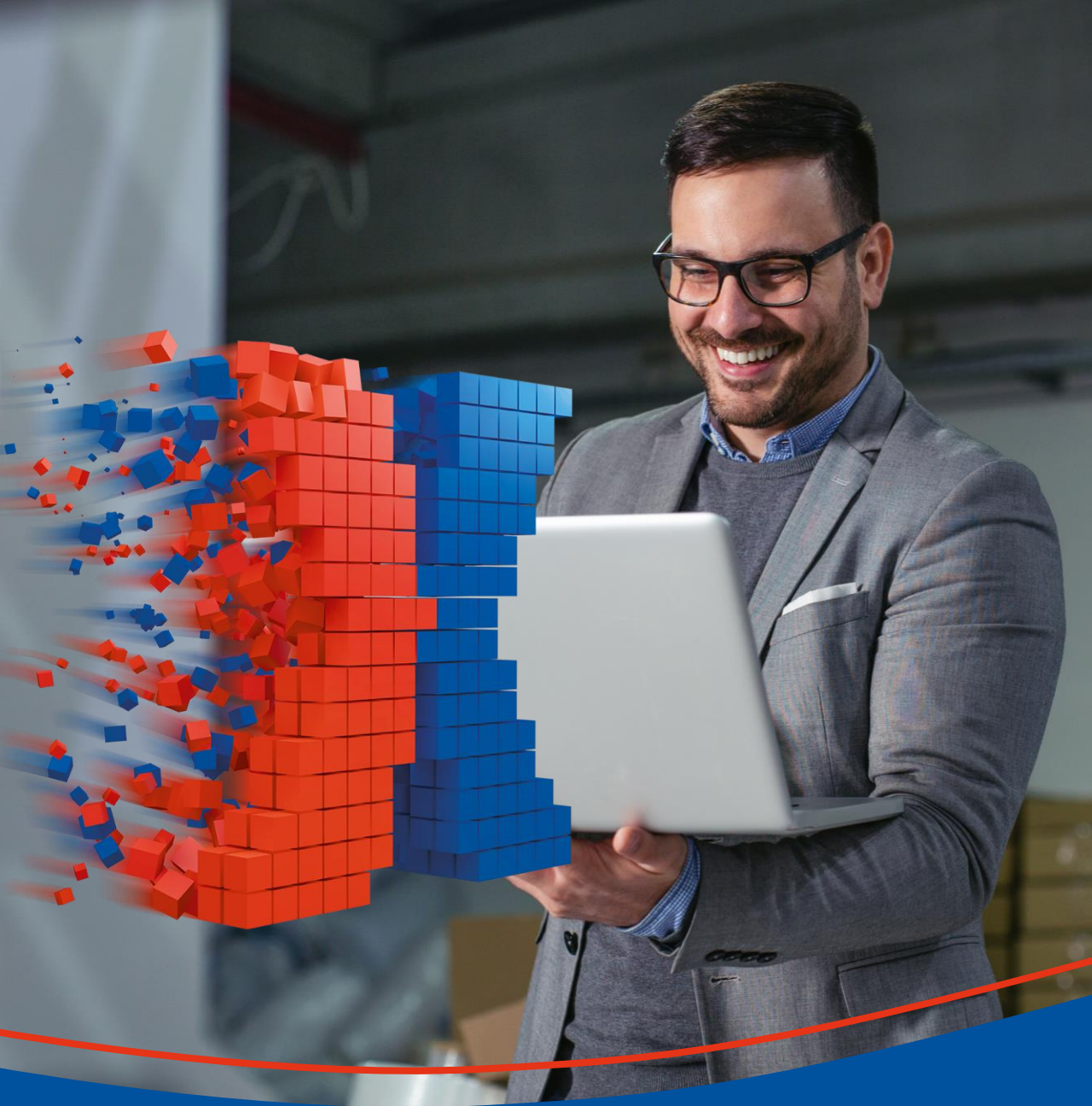
DNC &  
Setting Data

Shop Floor  
Monitor

Machine  
Monitoring

Machine  
Status  
Analysis

# Resource Management mApps



## **Improve process reliability**

No more unreliable written documentation

## **Increase productivity**

Optimize setup processes & maintenance

## **Reduce costs & meeting standards**

Optimize energy consumption (DIN EN ISO 50001)

## **Full transparency**

In-depth knowledge of production processes



**Your Benefits**

With **HYDRA X** Resource Management,  
you make optimum use of your  
machines, tools und other resources.



Profit Now!

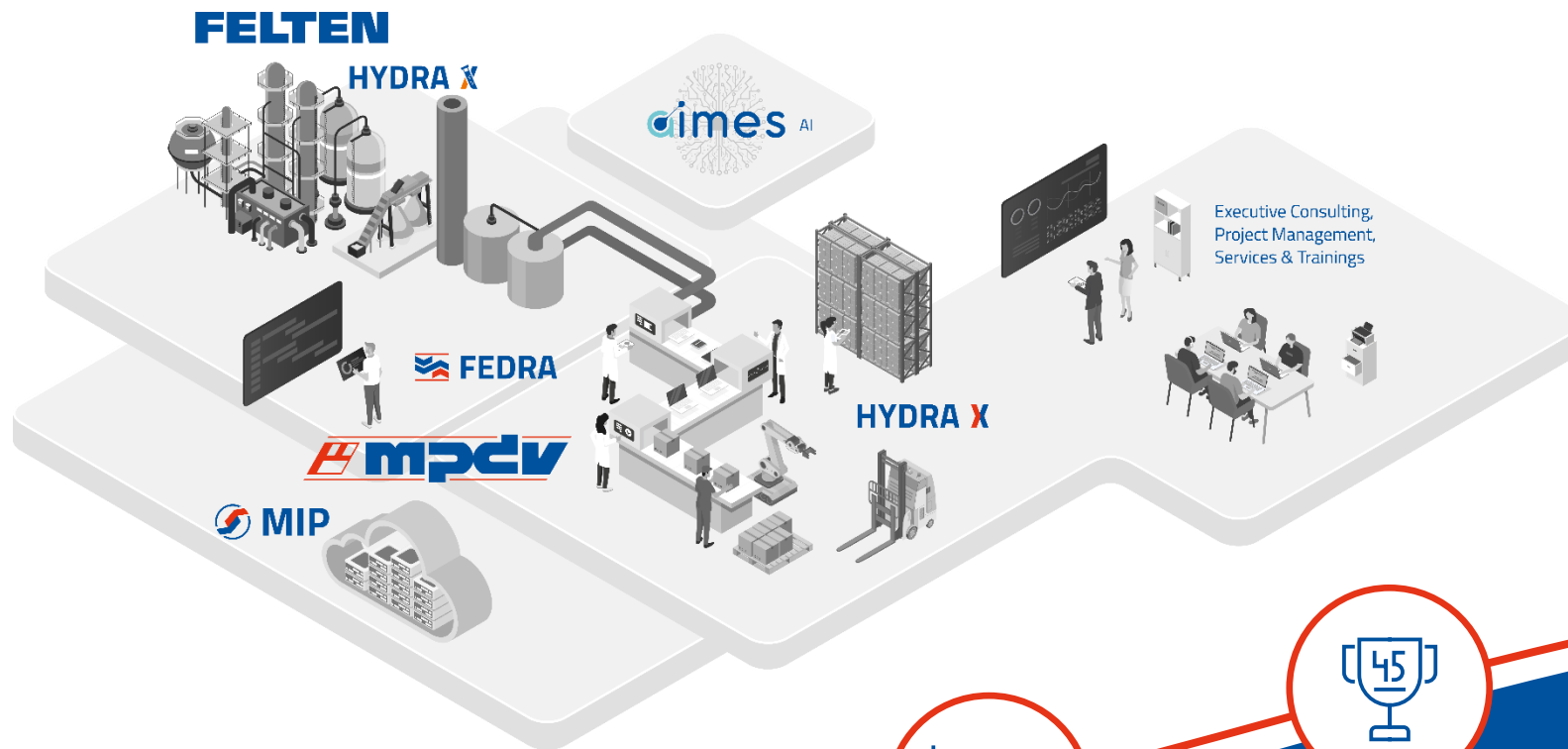


A photograph of a modern industrial building complex. The main building is white with blue accents and multiple windows. A smaller, more modern glass-fronted building is attached to the side. The sky is blue with white clouds. A red line graphic runs across the bottom of the image, ending in a white circle.

## About MPDV

WE CREATE SMART FACTORIES





people work with our  
solutions every day

**1.485.000**

installations in all  
industries

**2.430**



**45**

years in the market &  
market leader for  
manufacturing IT



**80 Mio.**

euros  
group turnover



**530**

employees



**13**

locations worldwide

# Would you like to find out more about HYDRA X?



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