

# Manufacturing Integration Platform

## Overview and Benefits

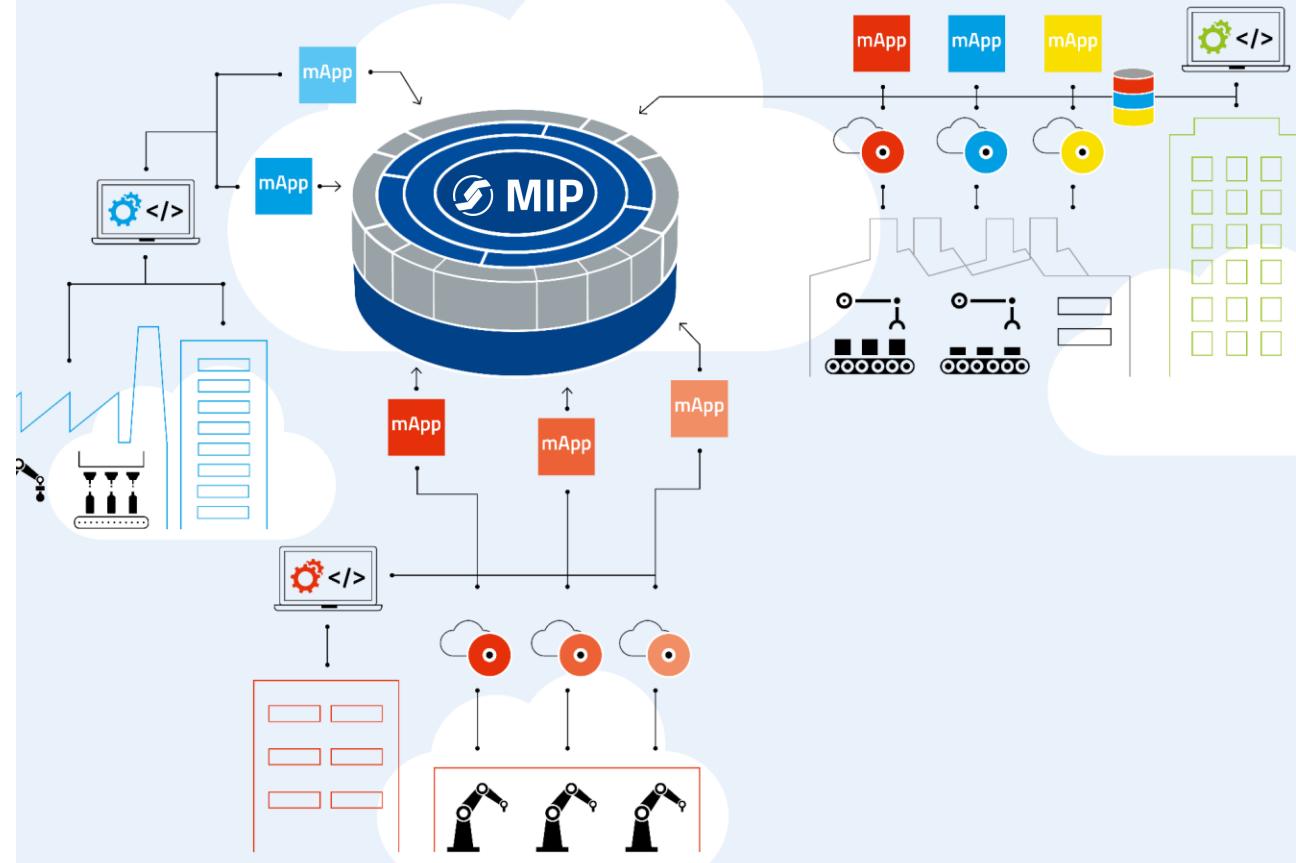


# MIP



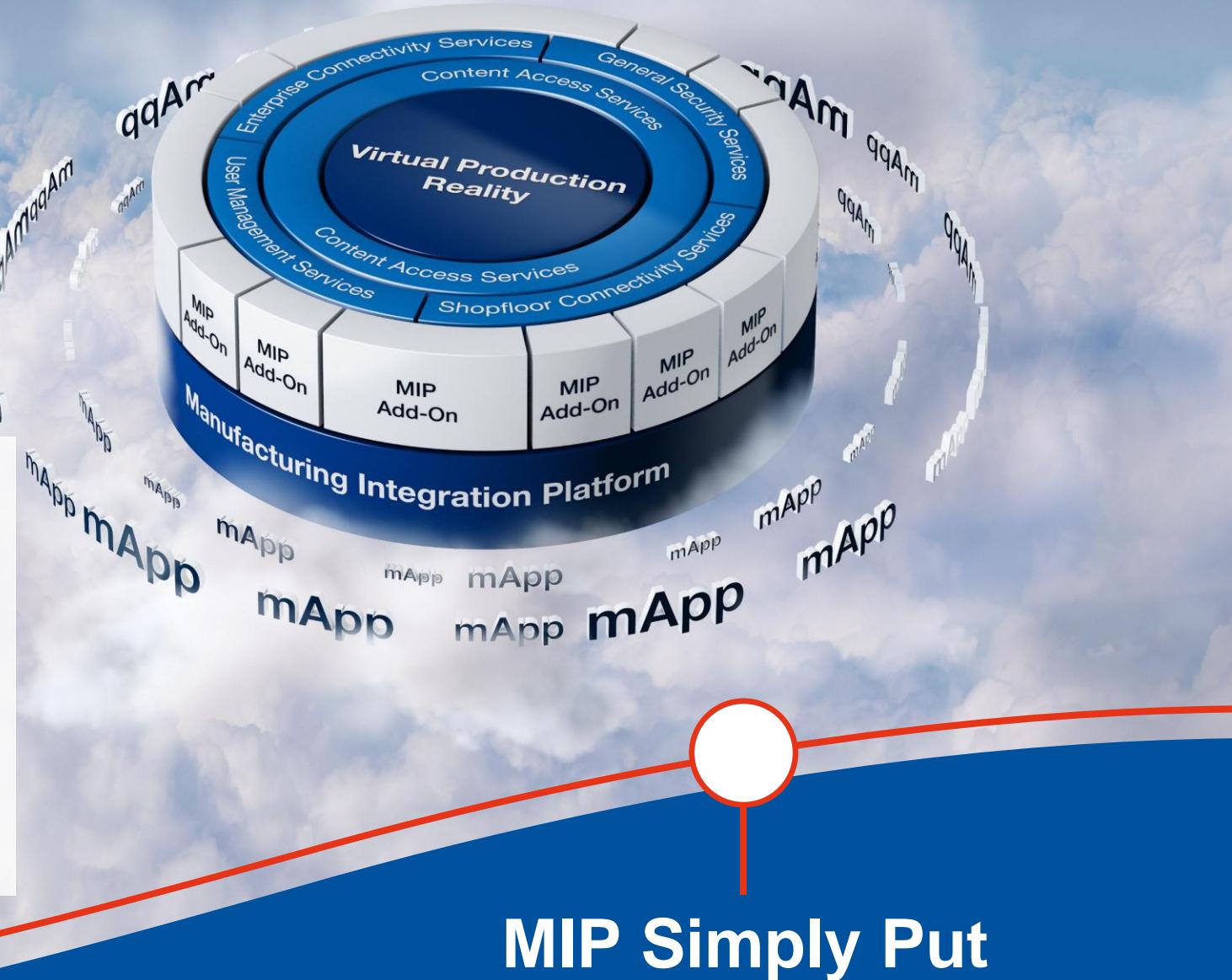
Manufacturing processes are becoming increasingly **complex**. This is why companies are asking today for **flexible platform solutions** allowing to program applications according to their specific requirements and **to combine** applications from different suppliers.

**The Manufacturing Integration Platform (MIP) of MPDV is the first representative of manufacturing IT offering these features.**



Why a Platform?

The MIP is an **open platform** for the manufacturing sector. The MIP is used as a central information and data hub in **production** and for all connected processes. All applications communicate using a **common information model** guaranteeing global **interoperability**.



**MIP Simply Put**

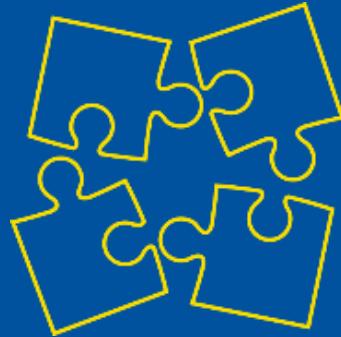
MIP users select from a multitude of so-called **manufacturing apps (mApps)** from different suppliers. These mApps provide different functions and can **be combined according to the users' requirements**.

Companies can **develop** their own mApps and **offer** them on the market. System integrators can create **custom solutions** from available standard applications for their customers.

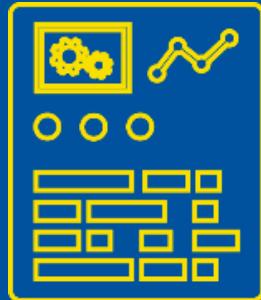
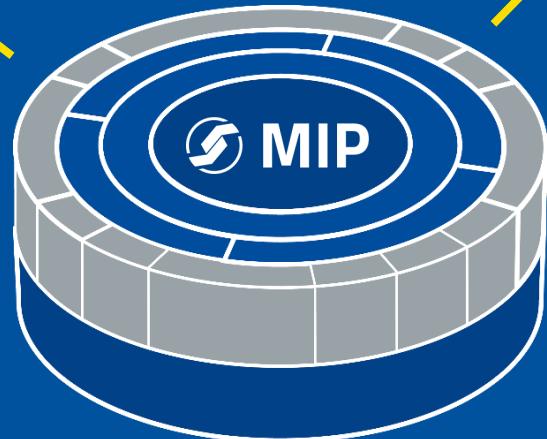
This transforms the MIP into an ecosystem of users, suppliers and system integrators providing completely new business models.



What are the Benefits of the MIP?



**Open platform architecture**  
allowing a flexible combination  
of applications  
of different suppliers



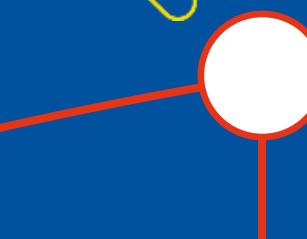
**Standard functions**  
enable targeted data analysis  
and the control of production



**Interoperability**  
promoting the data exchange  
between different systems

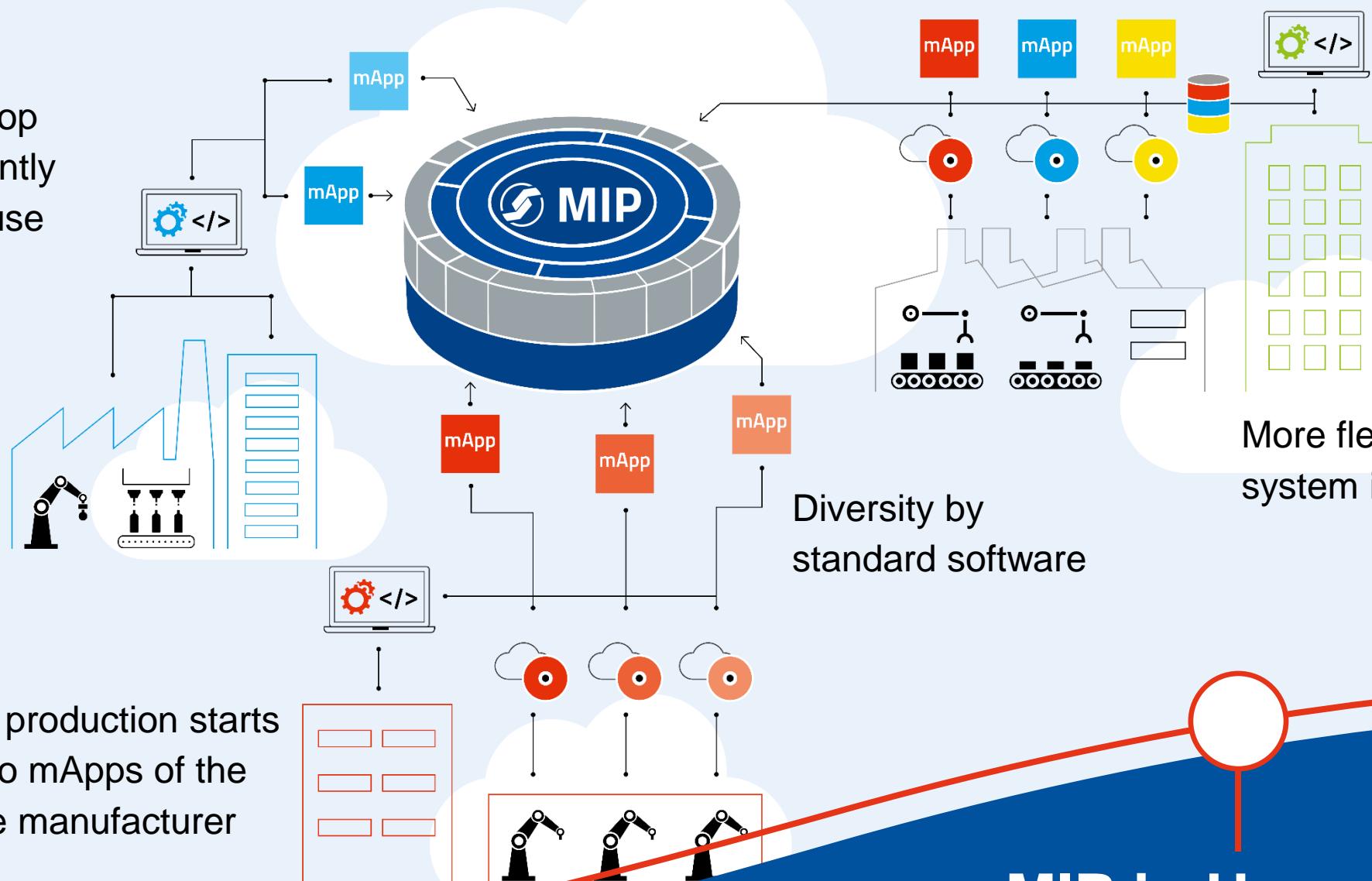


**Increased  
transparency and  
efficiency**  
in production



## MIP Benefits

Develop  
efficiently  
in-house

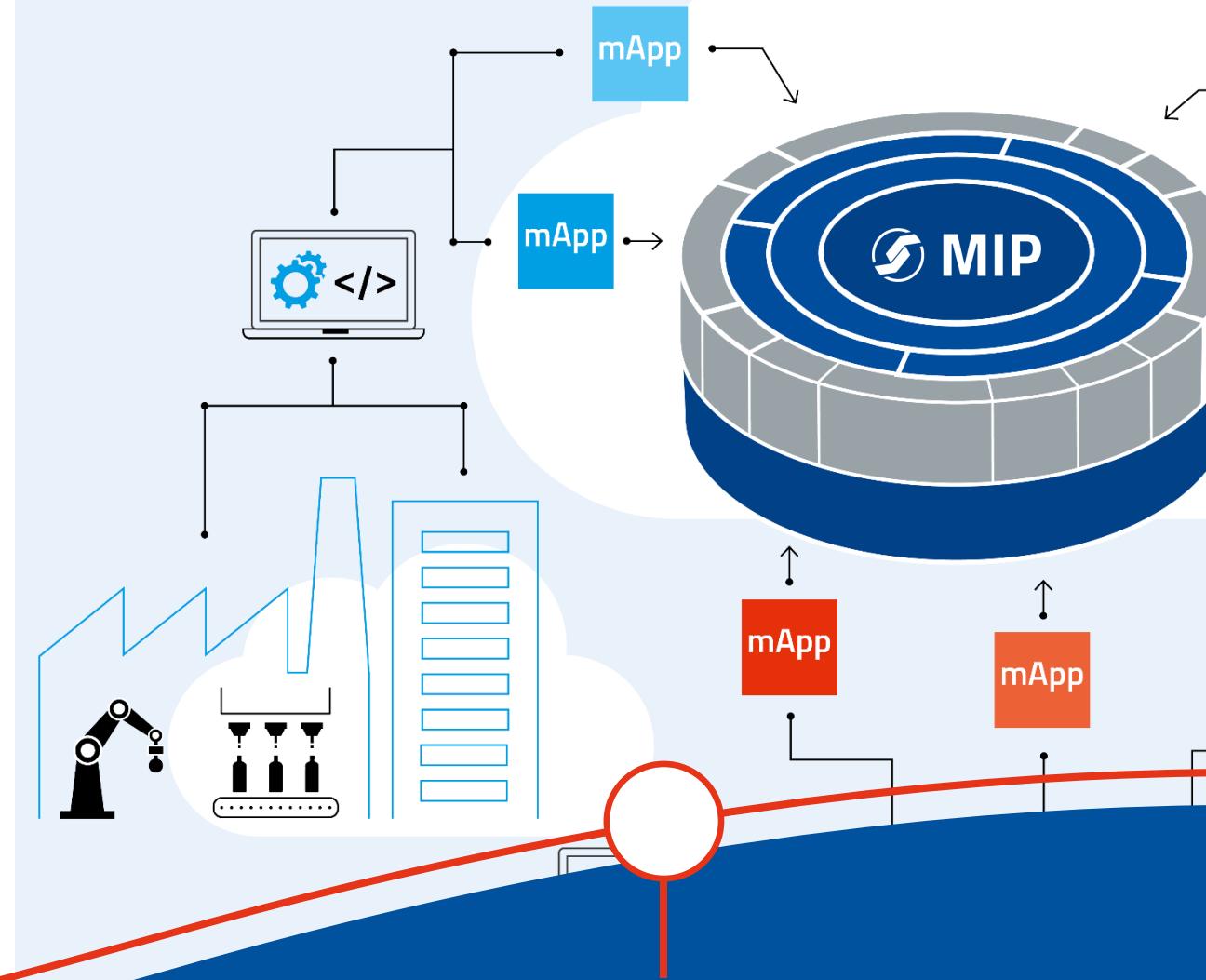


**MIP in Use ...**  
**Profit From the Ecosystem**

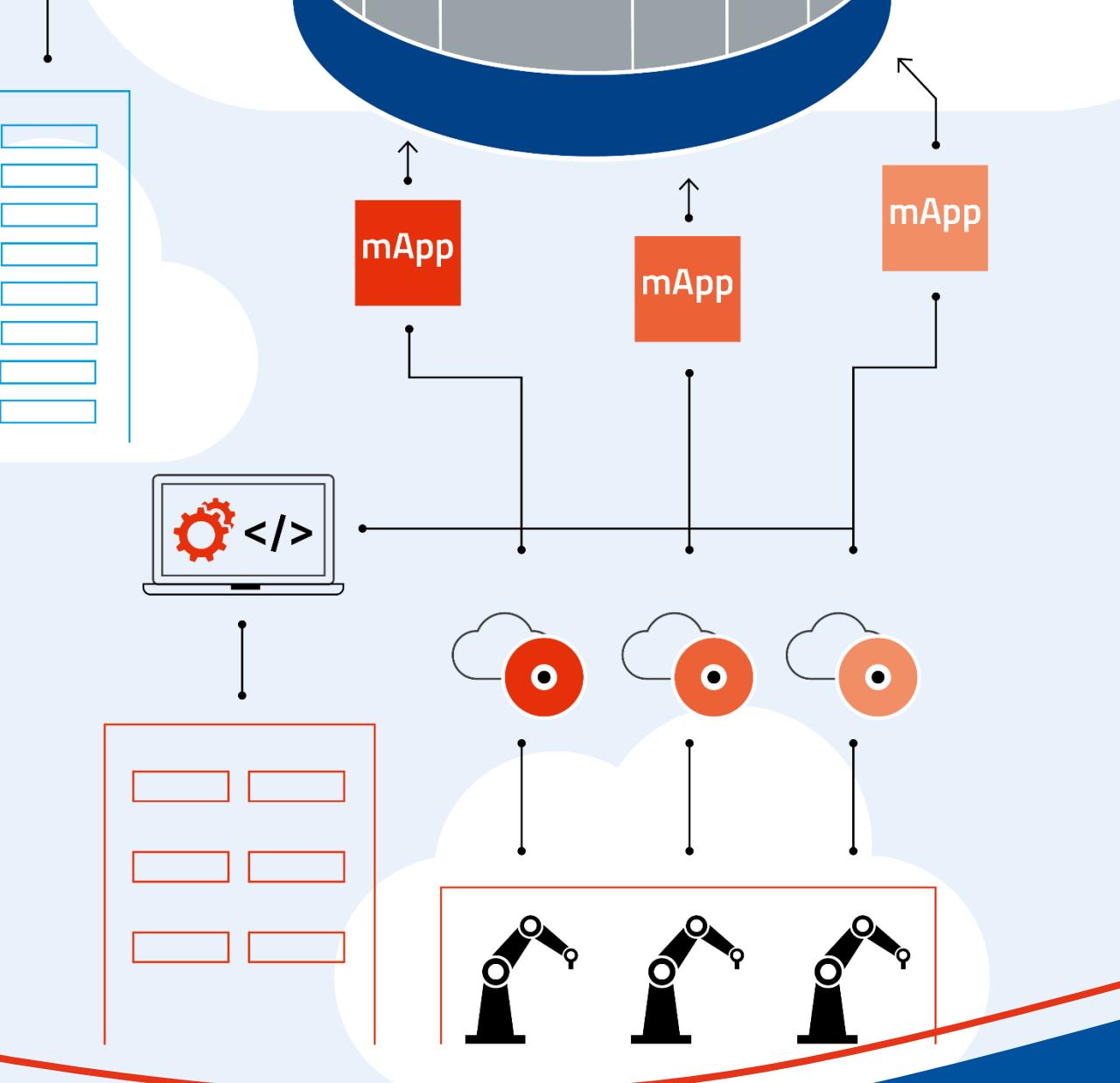
Manufacturing companies and **app developers** can **create applications** for production in no time based on the MIP. They save the time-consuming process of setting up a structure for data storage – with the MIP, it's all-in.

The MIP enables **off-the-shelf software** suppliers to **integrate** their applications with a rich **ecosystem** for the Smart Factory.

**Legacy systems** can also be easily **connected** to the rest of the **IT landscape** with the MIP.



**Develop Efficiently  
In-House**



Manufacturing companies that buy a **new machine** expect the machine manufacturer to deliver a software which **easily integrates** the machine into their IT environment - the MIP can exactly do this as a **universal interface**.

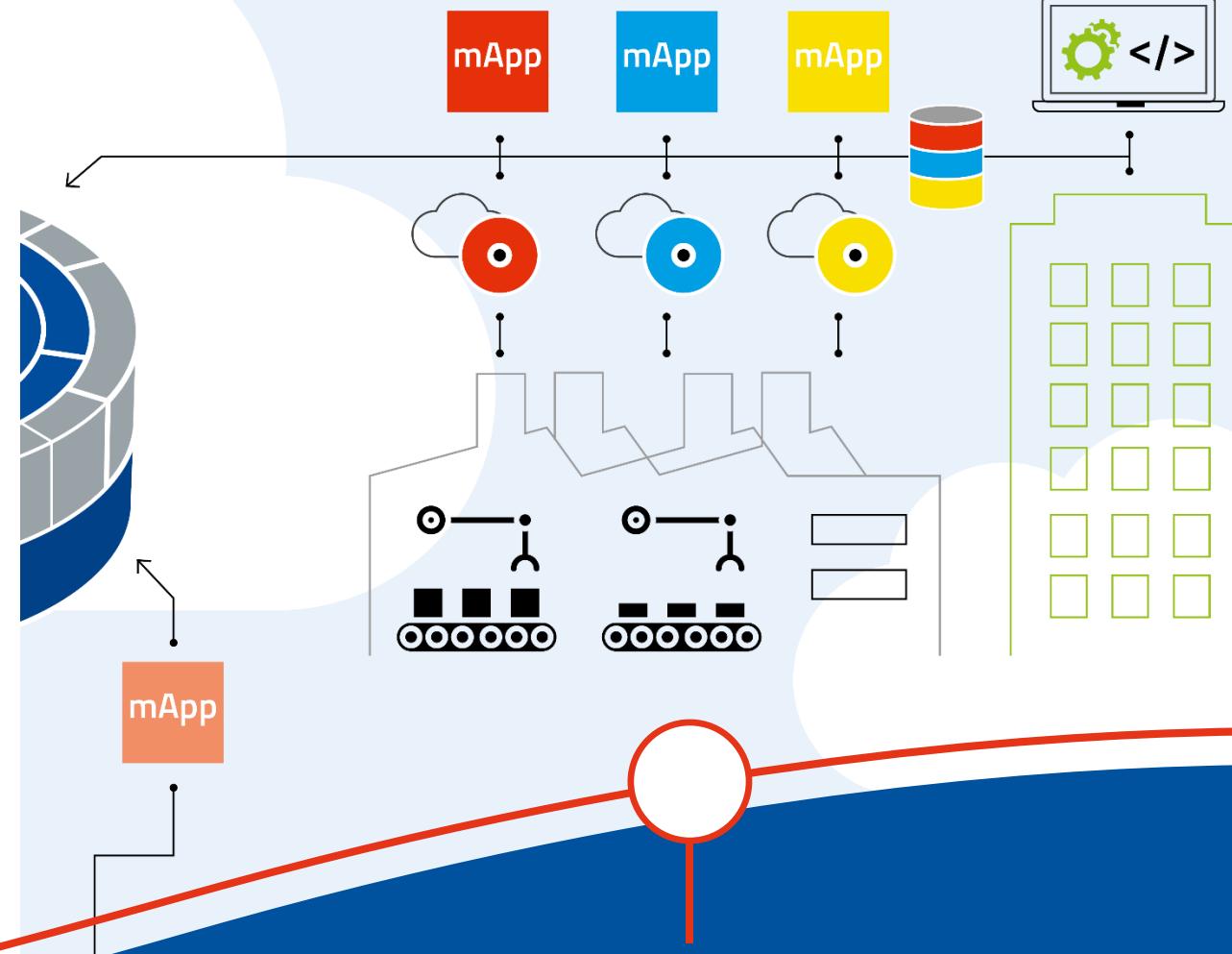
The MIP also offers new opportunities for machine manufacturers to provide for example their **own mApps** to collect or visualize machine data for this MIP.

## mApps From Machine Manufacturers

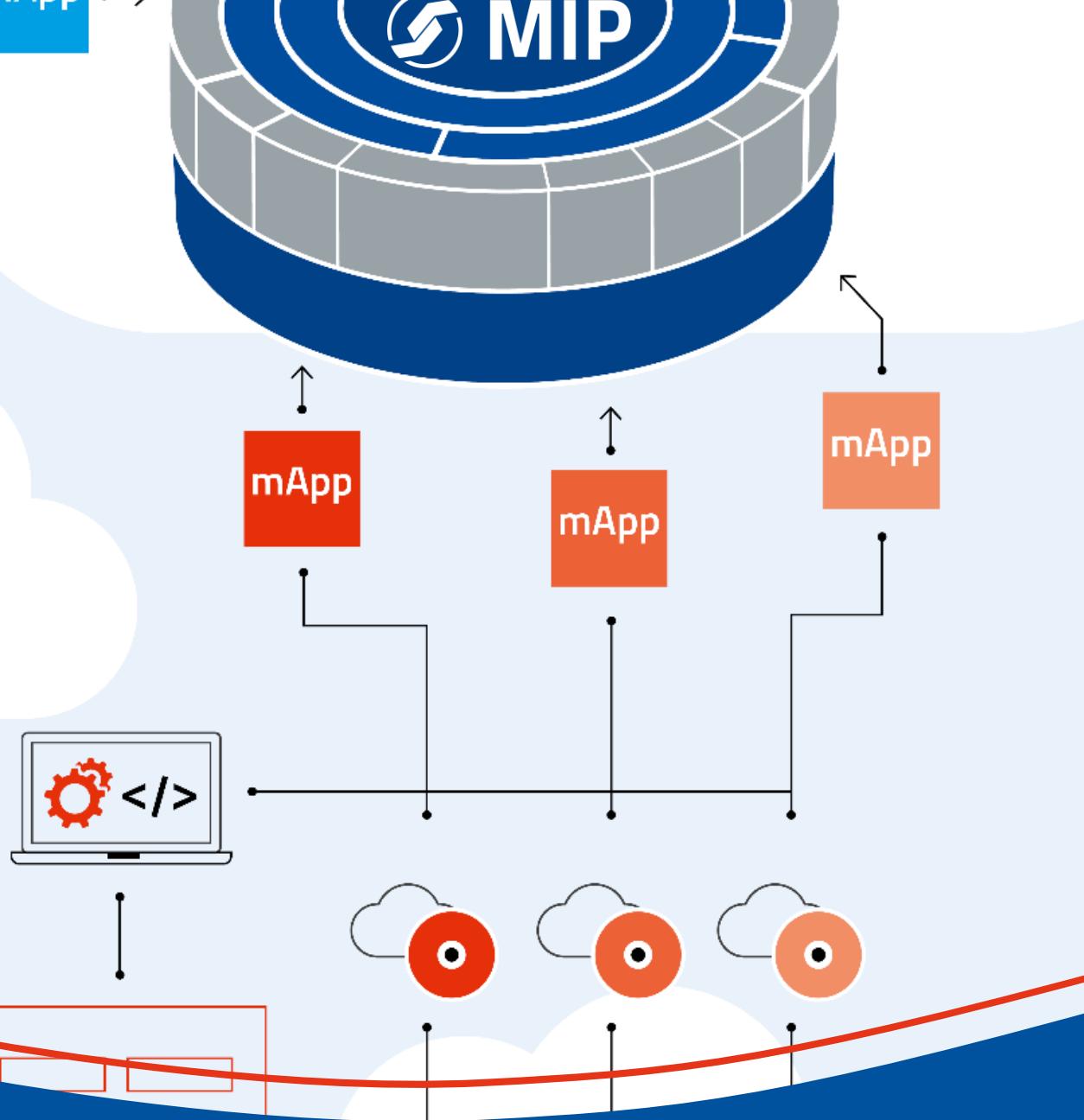
**System integrators** can **combine** different MIP applications thereby creating **custom solutions** for their customers.

The task of system integrators is to turn applications of **different manufacturers** into a **complete solution** that contains all required elements. They can use the **universal interface** of the MIP to **quickly and easily** integrate solutions of different suppliers.

For example, the planning tool from supplier A can be combined with a time and attendance system from supplier B.



**More Flexibility For  
System Integrators**



Based on the MIP, **standard applications** from different suppliers can be easily **integrated** into the Smart Factory **ecosystem**.

"Everyone delivers what they do best" - many small building blocks (**micro services**) make up the big picture (**individual** standard solution).

This reduces **vendor lock-in** and provides more **flexibility**.

**Variety By Standard Software**

**"The MIP provides an unprecedented flexibility when selecting suitable manufacturing IT. We are proud that LANA Process Mining can be used to automatically analyze possible savings in production and that we can make an innovative contribution to the ecosystem thanks to Machine Learning."**

Karina Buschsieweke, co-founder & managing director of Lana Labs

**"The MIP is the brain of our manufacturing."**

Satisfied MIP customer



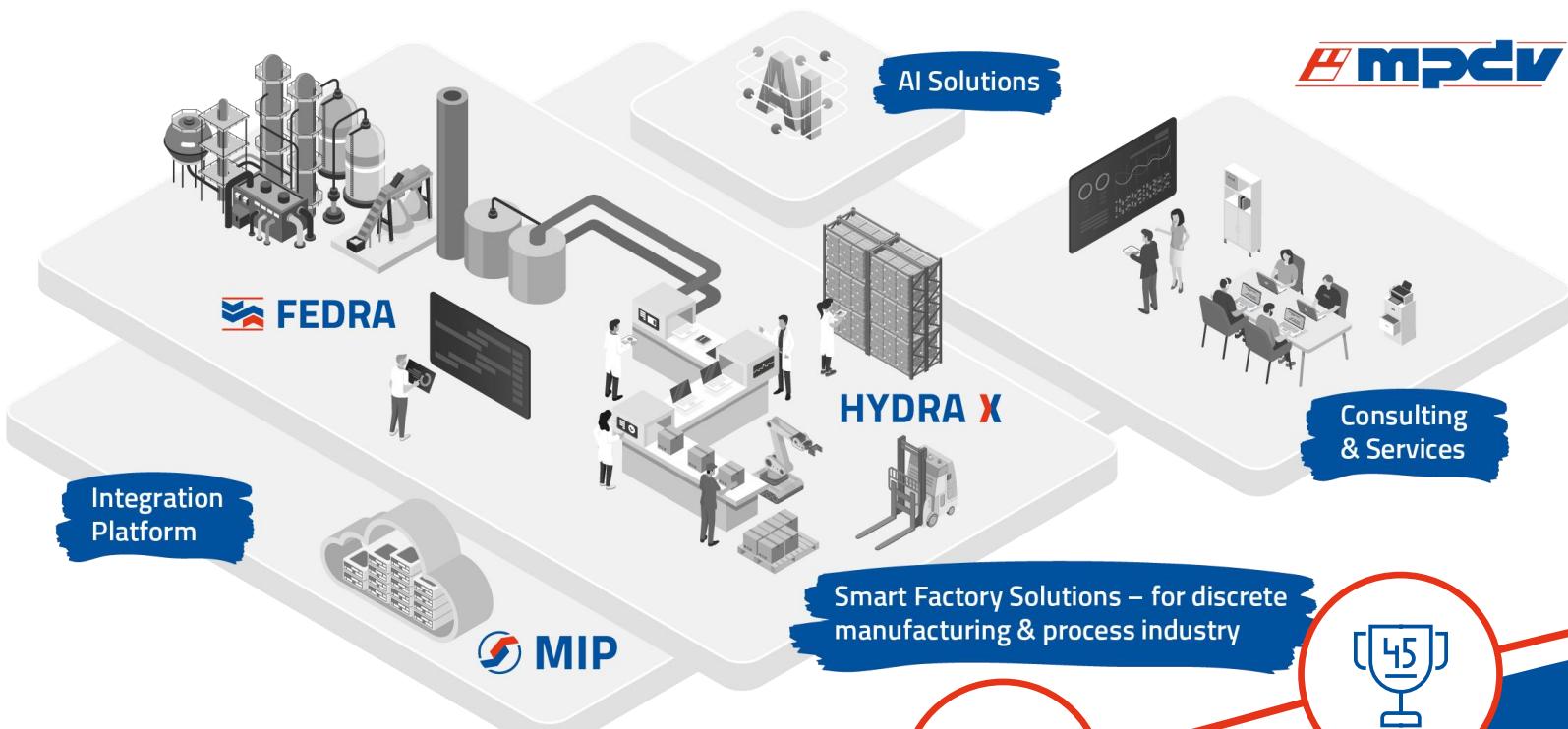
# MIP

**What Our Partners & Customers Say**



A wide-angle photograph of MPDV's industrial complex. On the left is a five-story building with a grey facade and blue horizontal stripes, featuring a small flag on the roof. In the center is a three-story building with a grey facade and a red vertical stripe. On the right is a modern building with a blue and white facade, a glass-enclosed entrance, and a large red 'MPDV' logo on the roof. The sky is blue with white clouds. A red line graphic starts from a white circle in the bottom left corner and points towards the central building.

## About MPDV



Worldwide present

**530**  
employees

**80 Mio.**  
euros  
group turnover

**45**

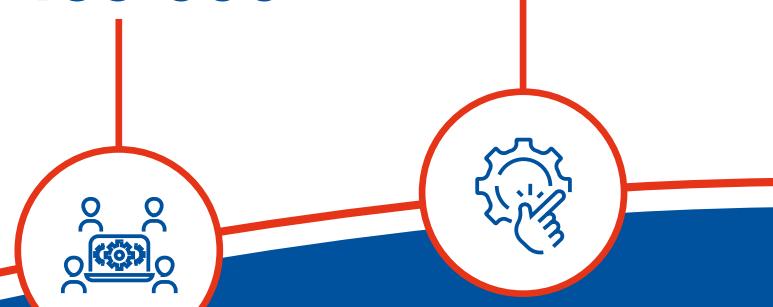
years in the market &  
market leader for  
manufacturing IT

people work with our  
solutions every day

**1.485.000**

installations in all  
industries

**2.430**



Would you like to find out more about  MIP ?



*WE CREATE SMART FACTORIES*



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Contact