

# Manufacturing Integration Platform

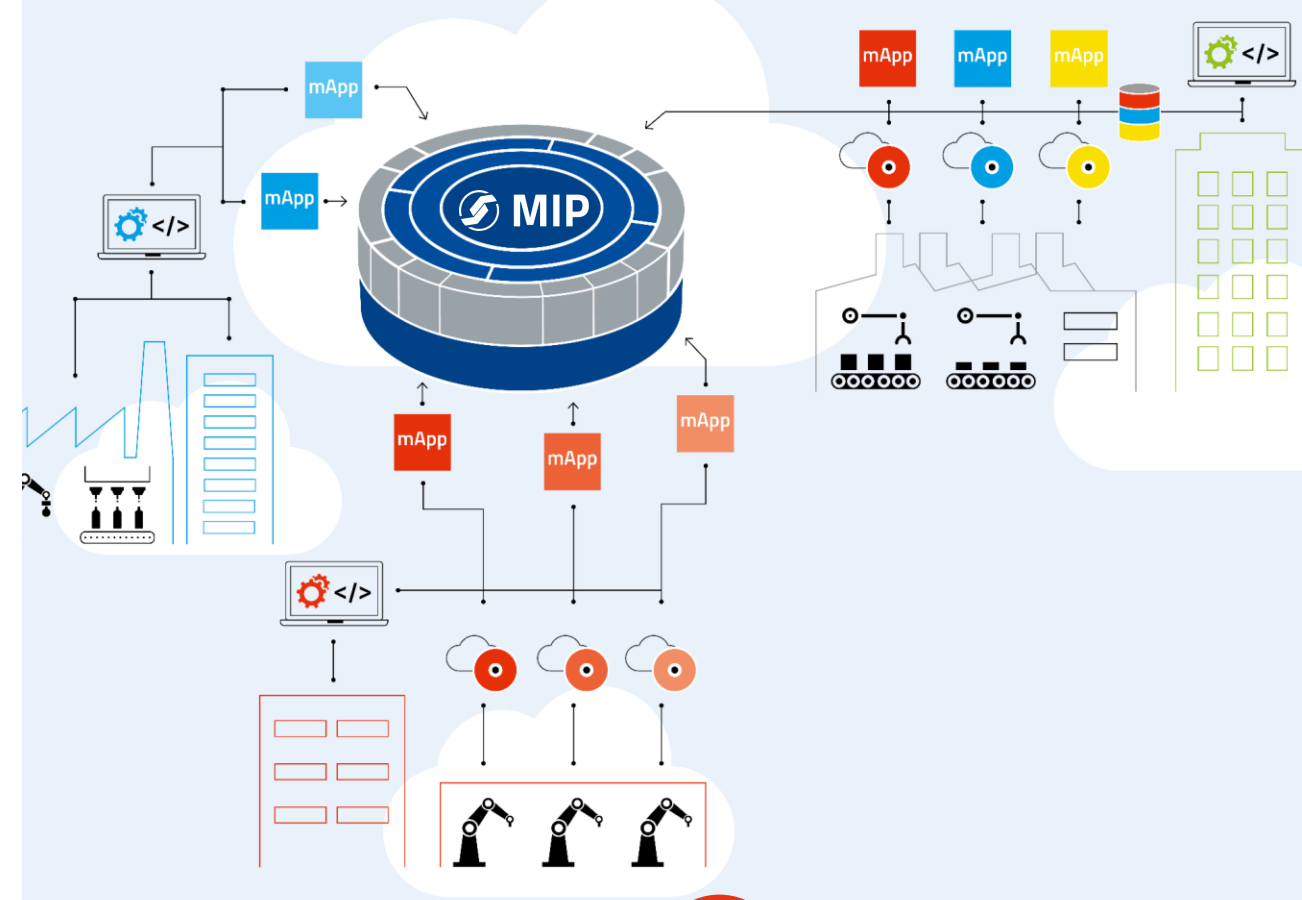
## *Overview and Benefits*



# MIP

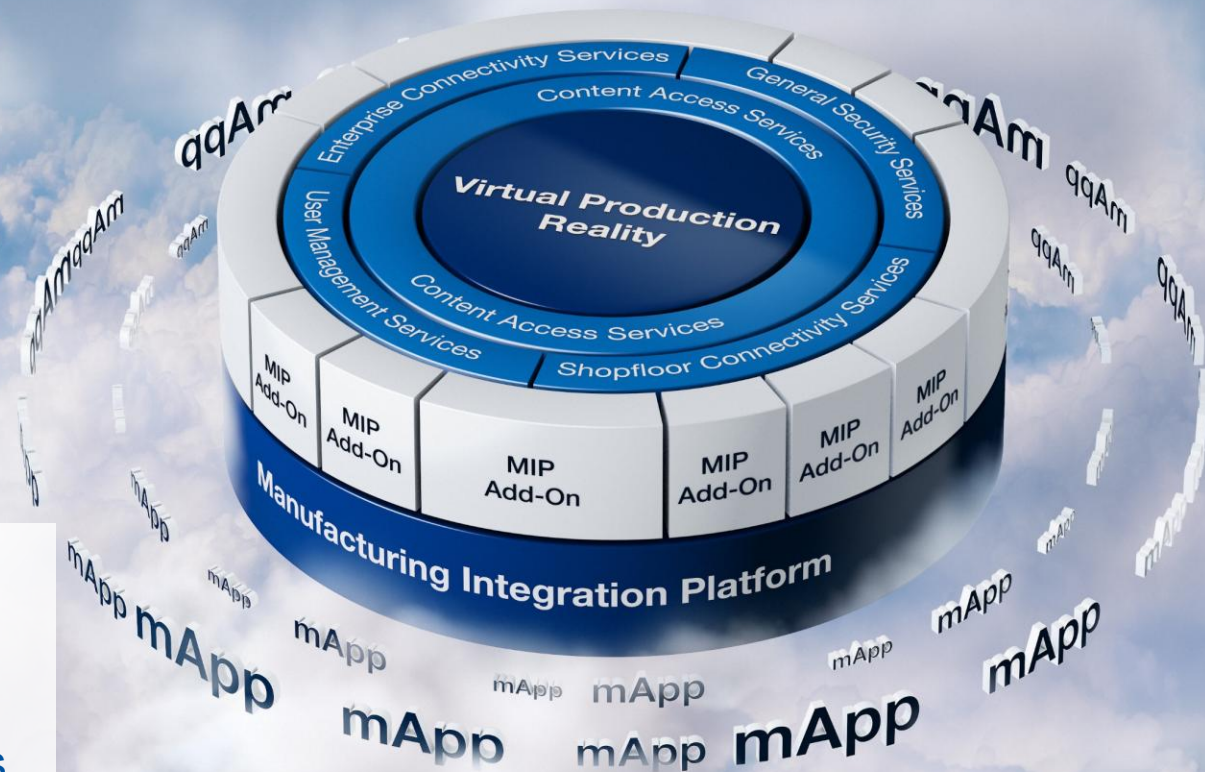
Manufacturing processes are becoming increasingly **complex**. This is why companies are asking today for **flexible platform solutions** allowing to program applications according to their specific requirements and **to combine** applications from different suppliers.

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**

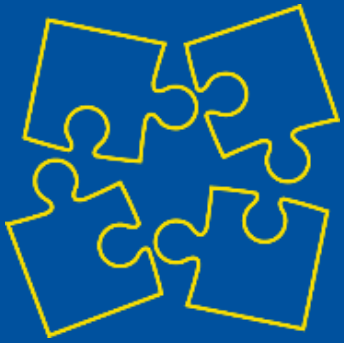
MIP users select from a multitude of so-called **manufacturing apps (mApps)** from different suppliers. These mApps provide different functions and can **be combined according to the users' requirements**.

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?



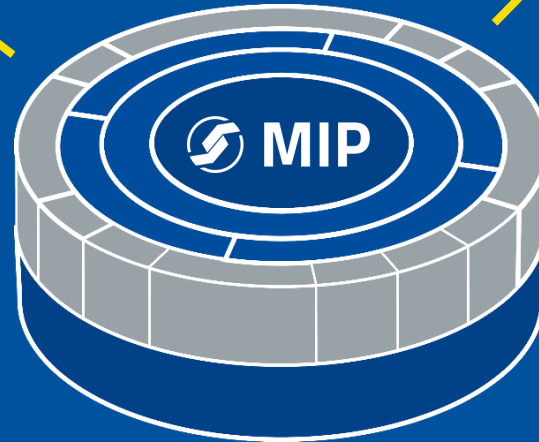
**Open platform architecture**  
allowing a flexible combination  
of applications  
of different suppliers



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

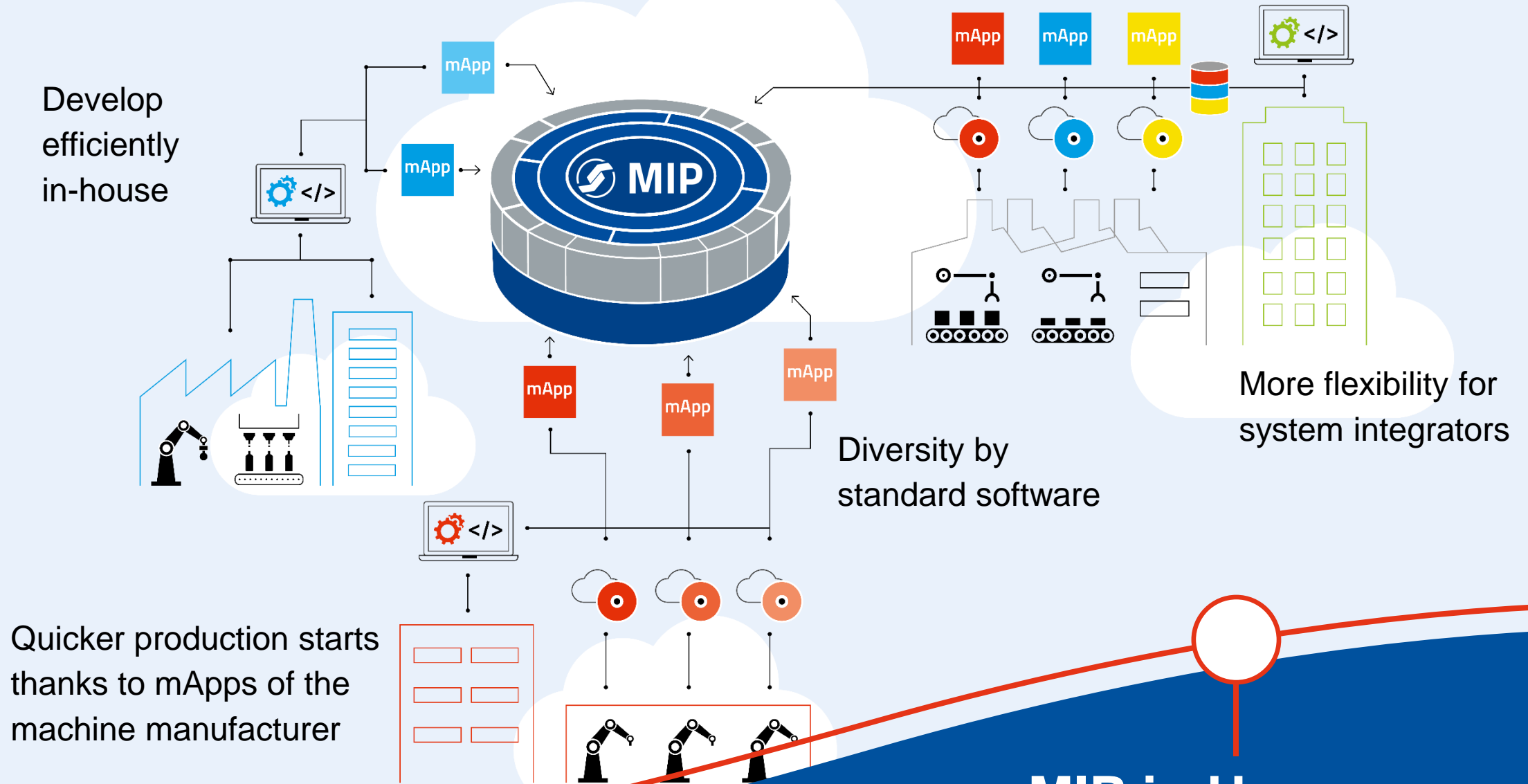


**Standard functions**  
enable targeted data analysis  
and the control of production



**Increased  
transparency and  
efficiency**  
in production

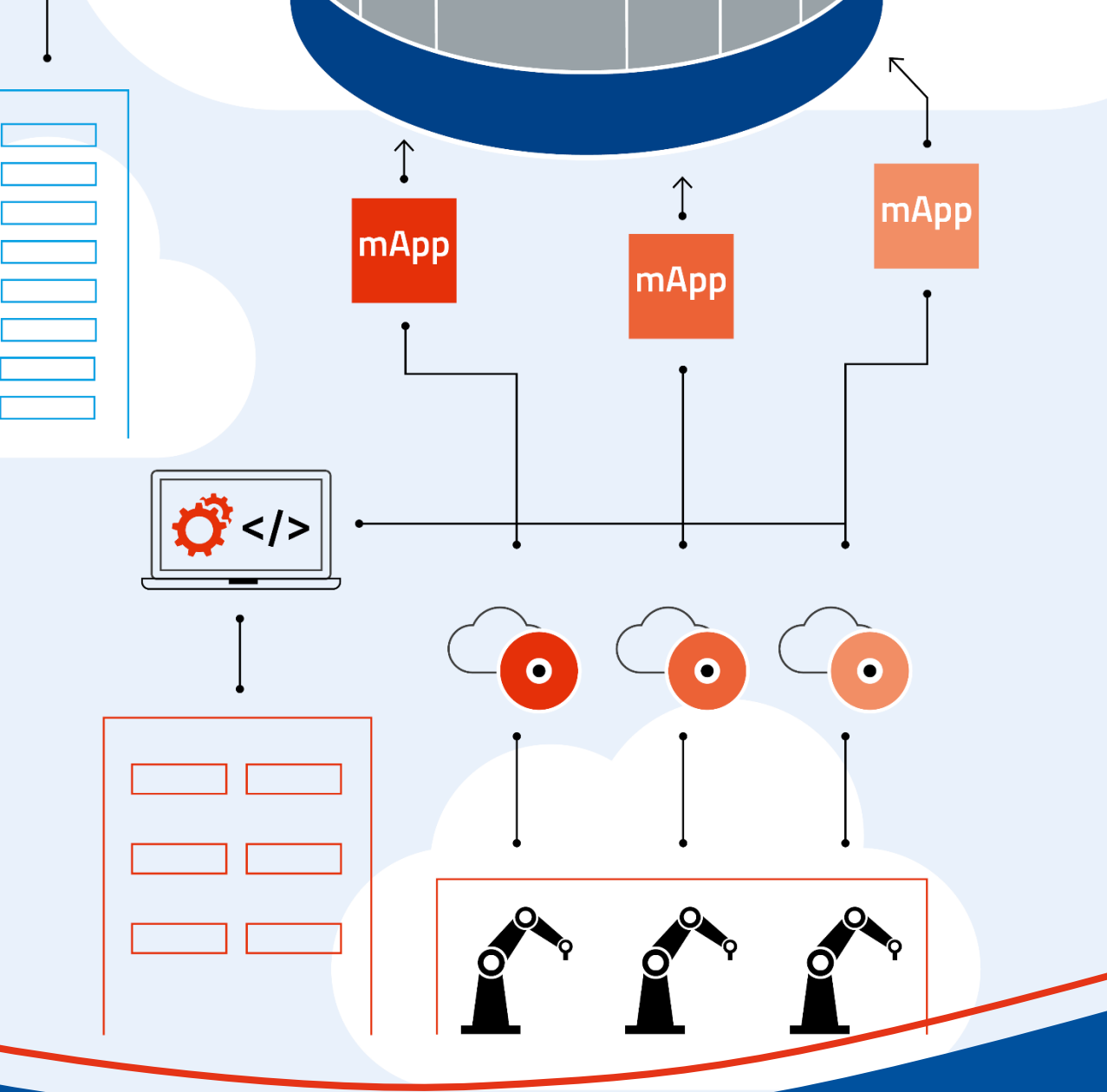
## MIP Benefits



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







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.

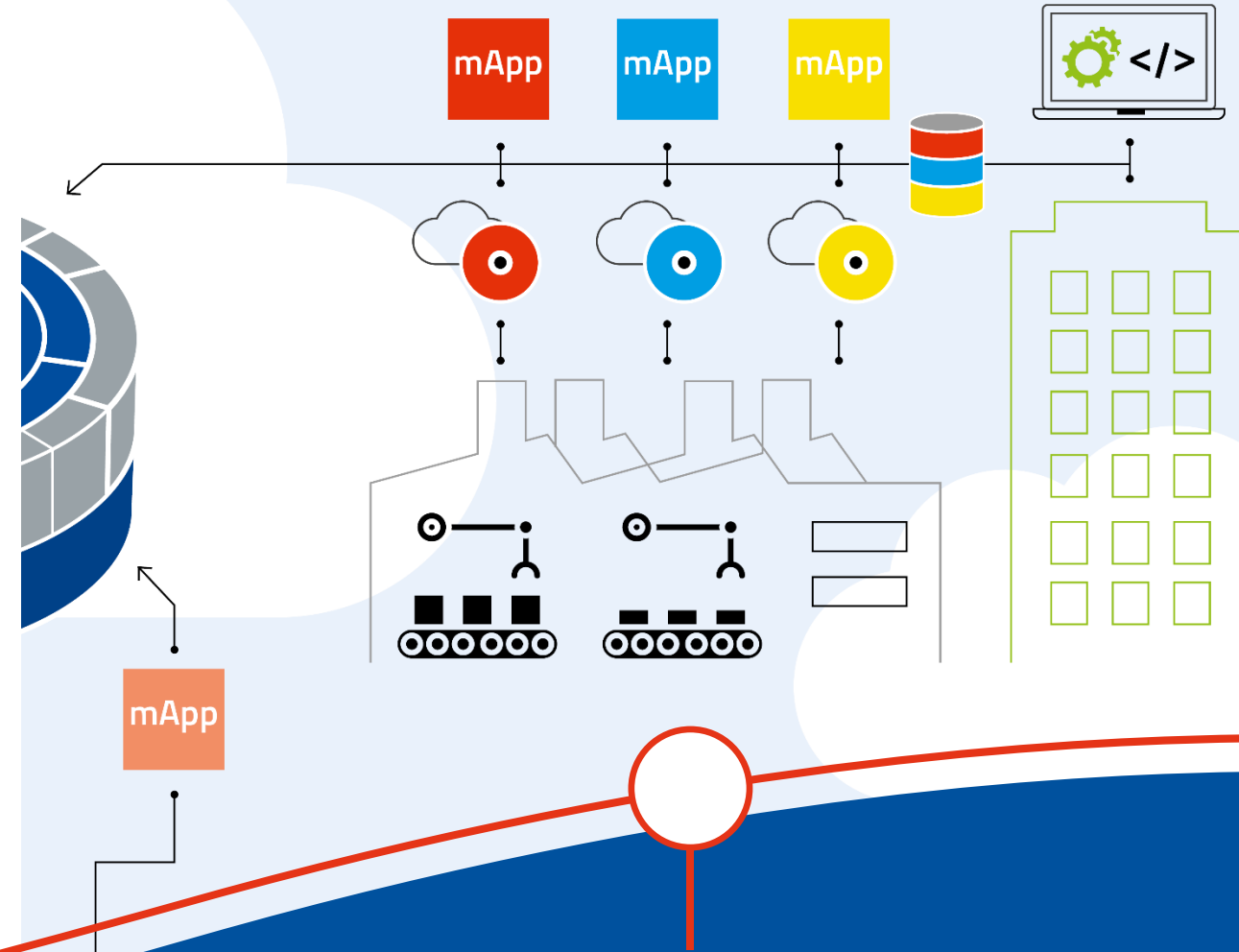
## mApps From Machine Manufacturers



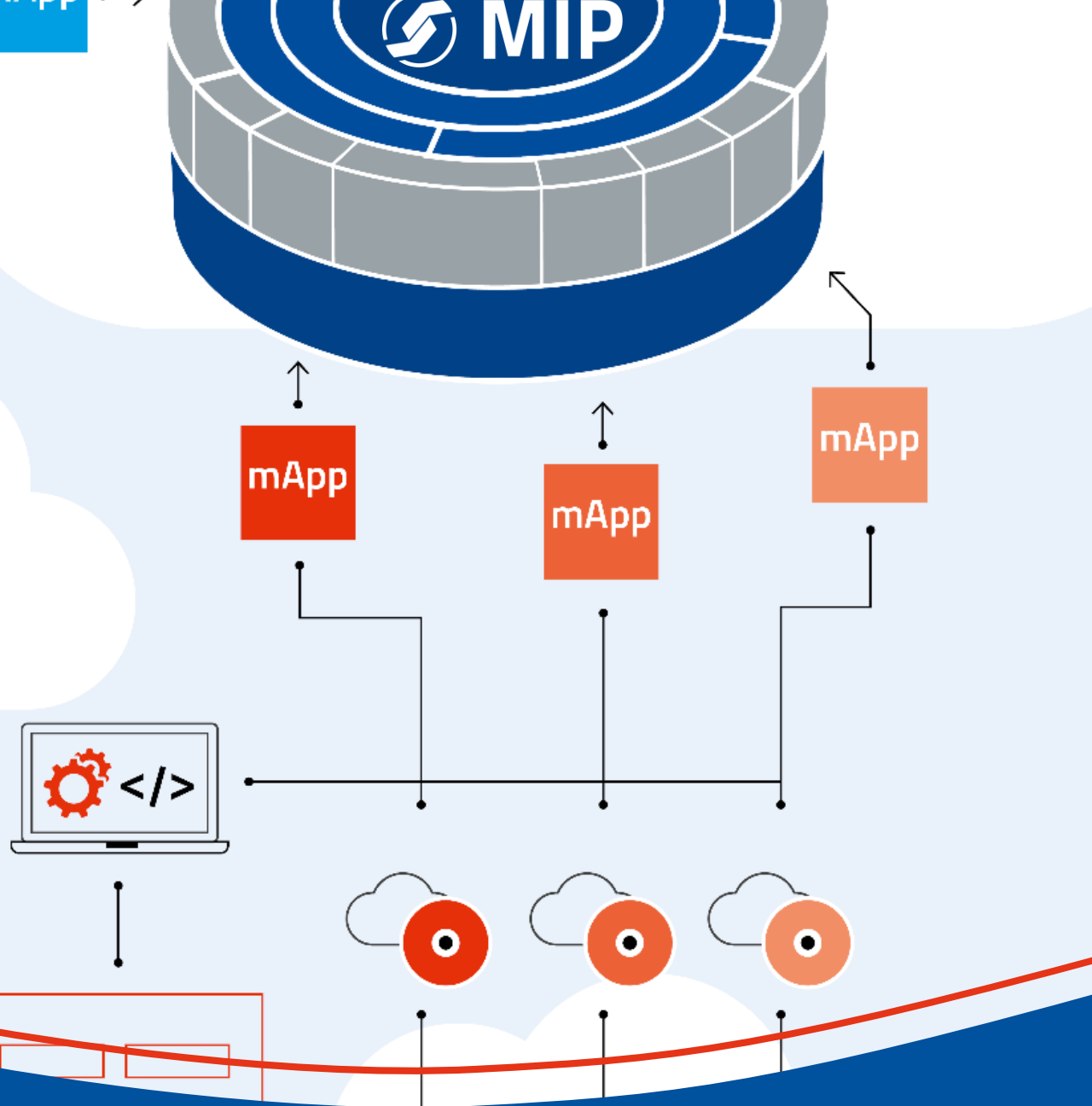
**System integrators** can **combine** different MIP applications thereby creating **custom solutions** for their customers.

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



**What Our Partners &  
Customers Say**

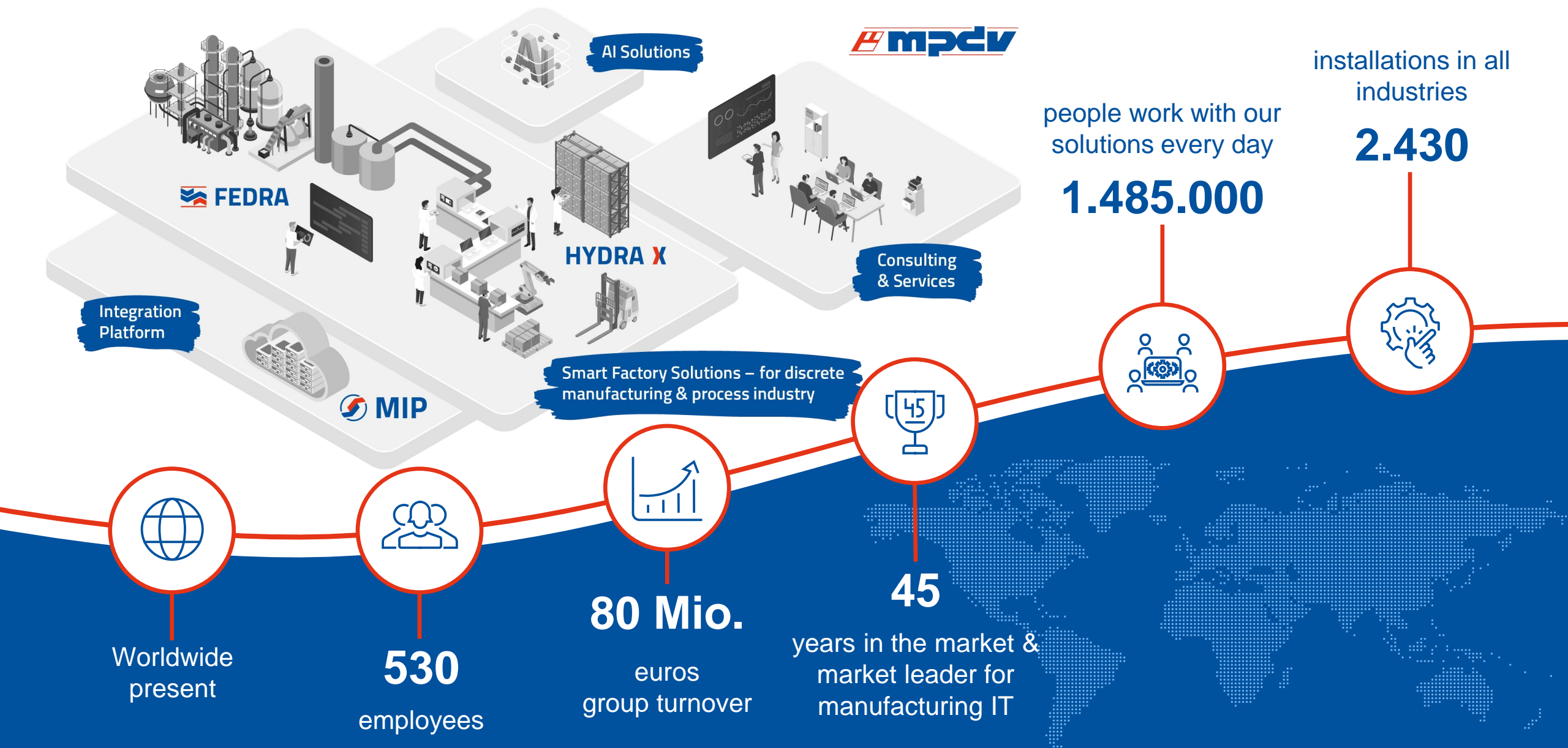
A photograph of a modern industrial building complex. The main building is white with blue accents and multiple windows. A smaller building with a blue roof and large glass facade is on the right. The sky is blue with white clouds. A red line graphic runs across the bottom of the image, ending in a white circle.

## About MPDV

WE CREATE SMART FACTORIES







Would you like to find out more about  MIP ?



*WE CREATE SMART FACTORIES*



[www.mpdv.com](http://www.mpdv.com)



[mip@mpdv.com](mailto:mip@mpdv.com)



[+49 6261 9209 101](tel:+4962619209101)



**Contact**