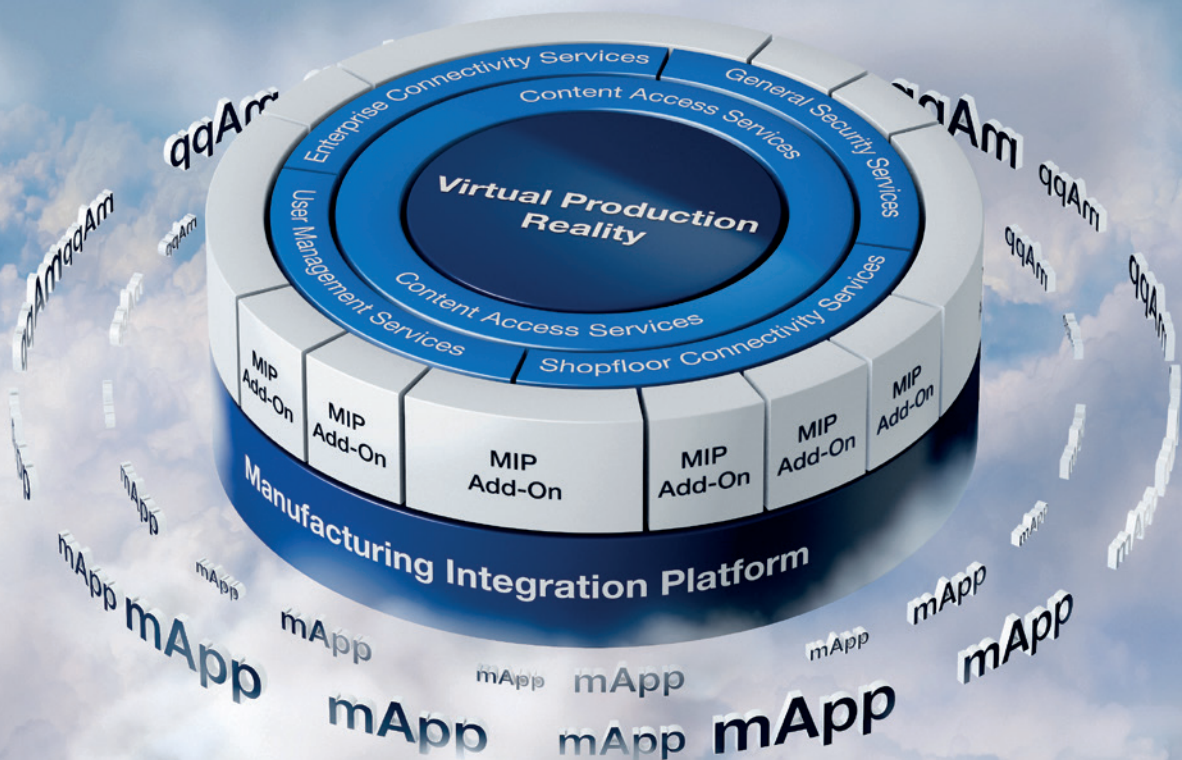


Production IT of the Future

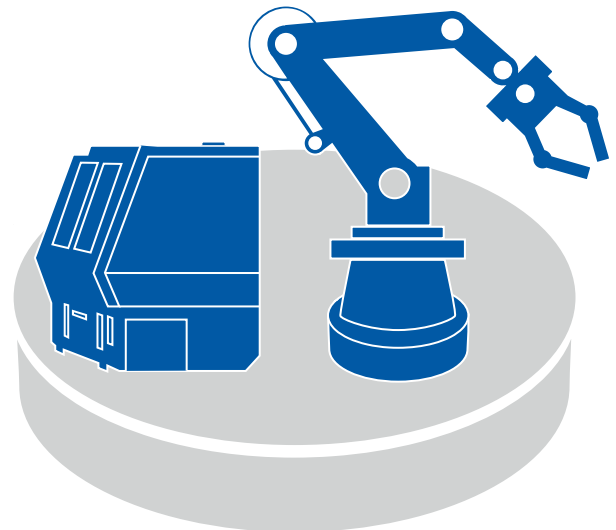
How you can benefit from the ecosystem of the Manufacturing Integration Platform



Why a platform?

Processes in manufacturing are becoming increasingly complex. This is the reason why today's companies are asking for flexible platform solutions allowing to program applications according to the specific requirements. Using this platform, they can also combine applications from different providers.

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



MIP simply put

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

The MIP user selects from a multitude of so-called Manufacturing Apps (mApps) of different manufacturers with different functions. These mApps can be combined flexibly. Companies can develop their own

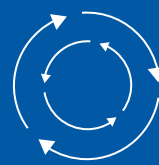
mApps and offer them on the market. System integrators can create customized solutions from available applications for their customers.

The MIP thus becomes an ecosystem of users, providers and system integrators providing completely new business models.

Main advantages



Open platform architecture
allowing a flexible
combination of applications
of different providers



Interoperability
promoting the data
exchange between
different systems



Standard functions
providing targeted data
analysis and production
control



**Increased
transparency and
productivity**

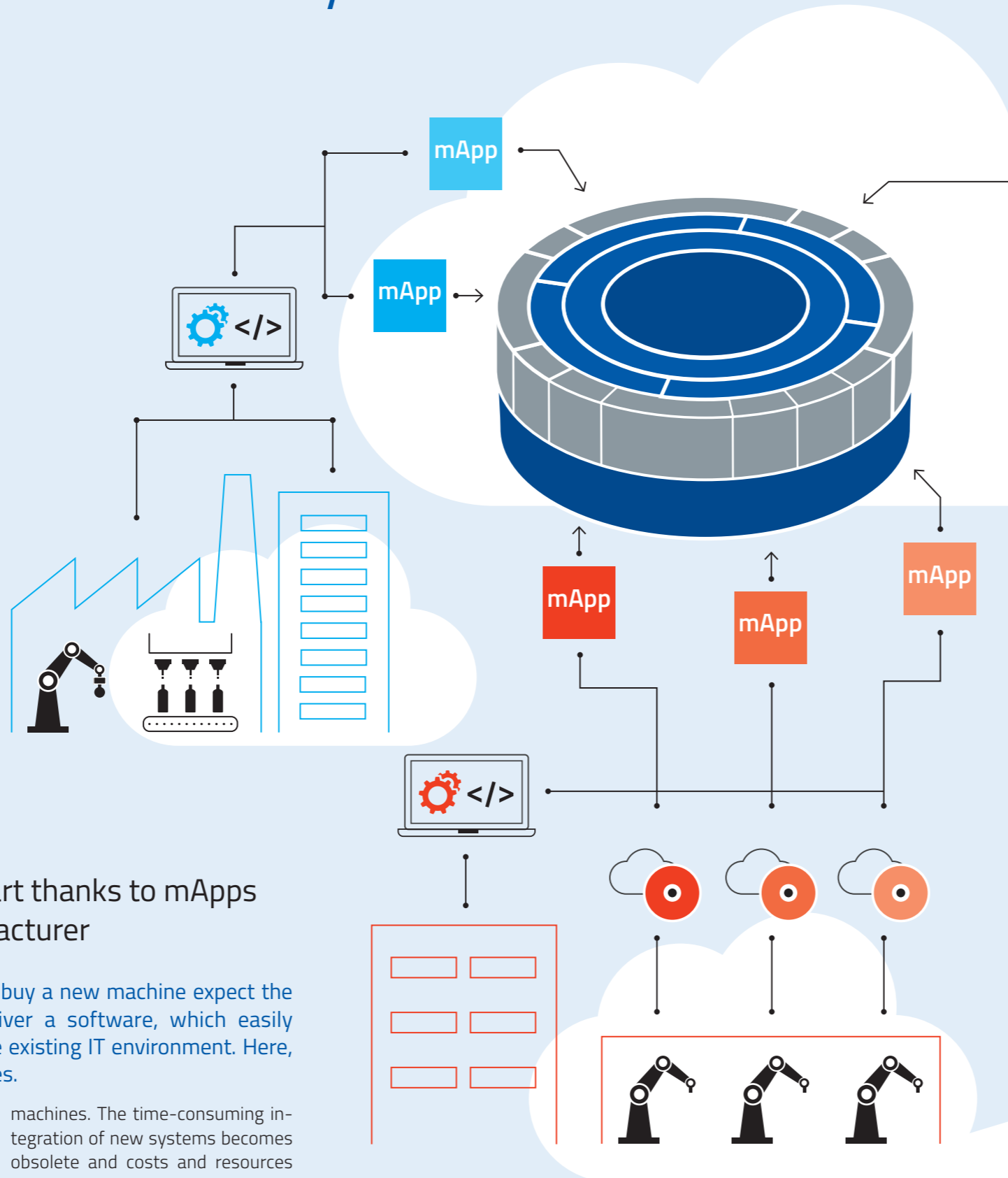
An ecosystem that benefits many. MIP in use.

Develop efficiently in-house

The MIP helps companies and app developers to create their own applications in no time.

If companies and app developers use the MIP, they save the time-consuming task of setting up a data storage structure, as the platform includes its own data model and predefined object structures for important production elements like order, machine and staff.

Most remarkable: the applications can be created in different programming languages and still be flexibly combined thanks to the open platform architecture.

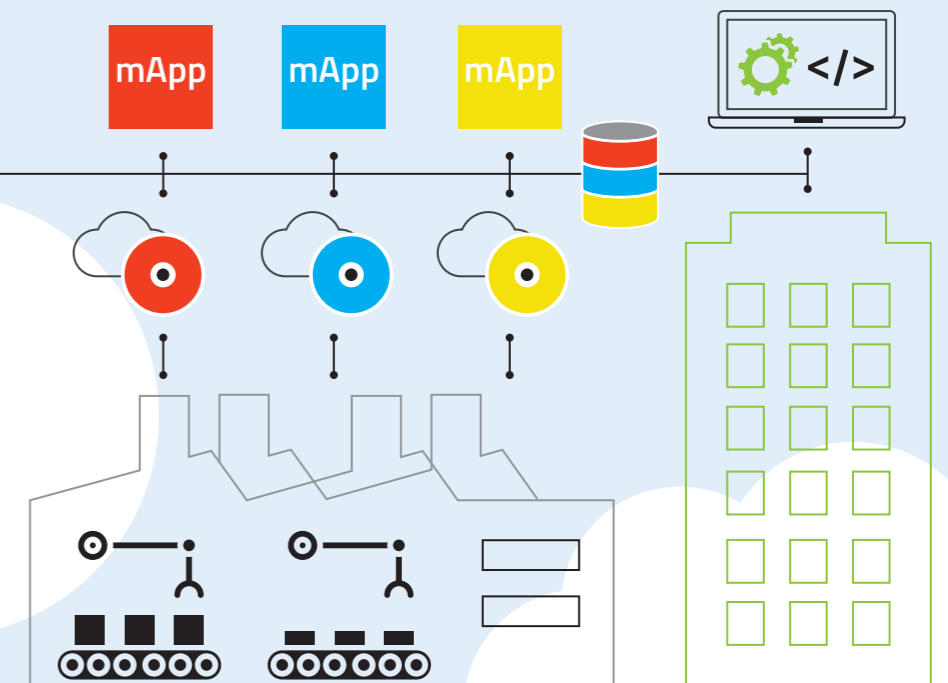


Quicker production start thanks to mApps of the machine manufacturer

Manufacturing companies that buy a new machine expect the machine manufacturer to deliver a software, which easily integrates the machine into the existing IT environment. Here, the MIP offers new opportunities.

Machine manufacturers can develop their own mApps for the MIP to collect and visualize machine data. The buyers of machines install these mApps in the MIP and can directly communicate with the new

machines. The time-consuming integration of new systems becomes obsolete and costs and resources are saved.



More flexibility for system integrators

System integrators can flexibly combine different MIP applications thereby creating customized solutions.

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

different providers. It is then possible to combine for example the planning tool of one software company with the time and attendance program of another external IT provider.

Interested?

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Our partners

„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

About MPDV

We are the market leader for IT solutions in production. With more than 40 years of project experience in the production environment, we have extensive expertise and support companies of all sizes and industries on their way to the Smart Factory. Products such as our MES HYDRA or the Manufacturing Integration Platform (MIP) enable manufacturing companies to streamline their production processes and stay one step ahead of the competition.

500

EMPLOYEES
WORLDWIDE

68

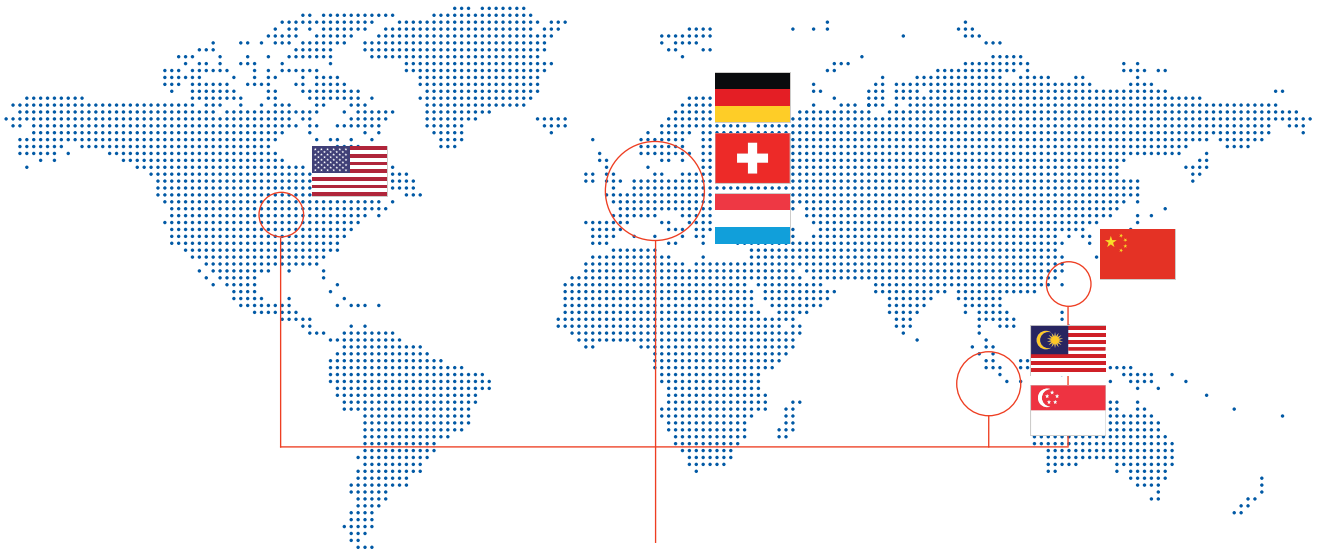
MILLION EURO
GROUP TURNOVER

900.000

PEOPLE
DAILY USE MPDV SOLUTIONS

40.000

MACHINES ARE
CONNECTED TO HYDRA



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