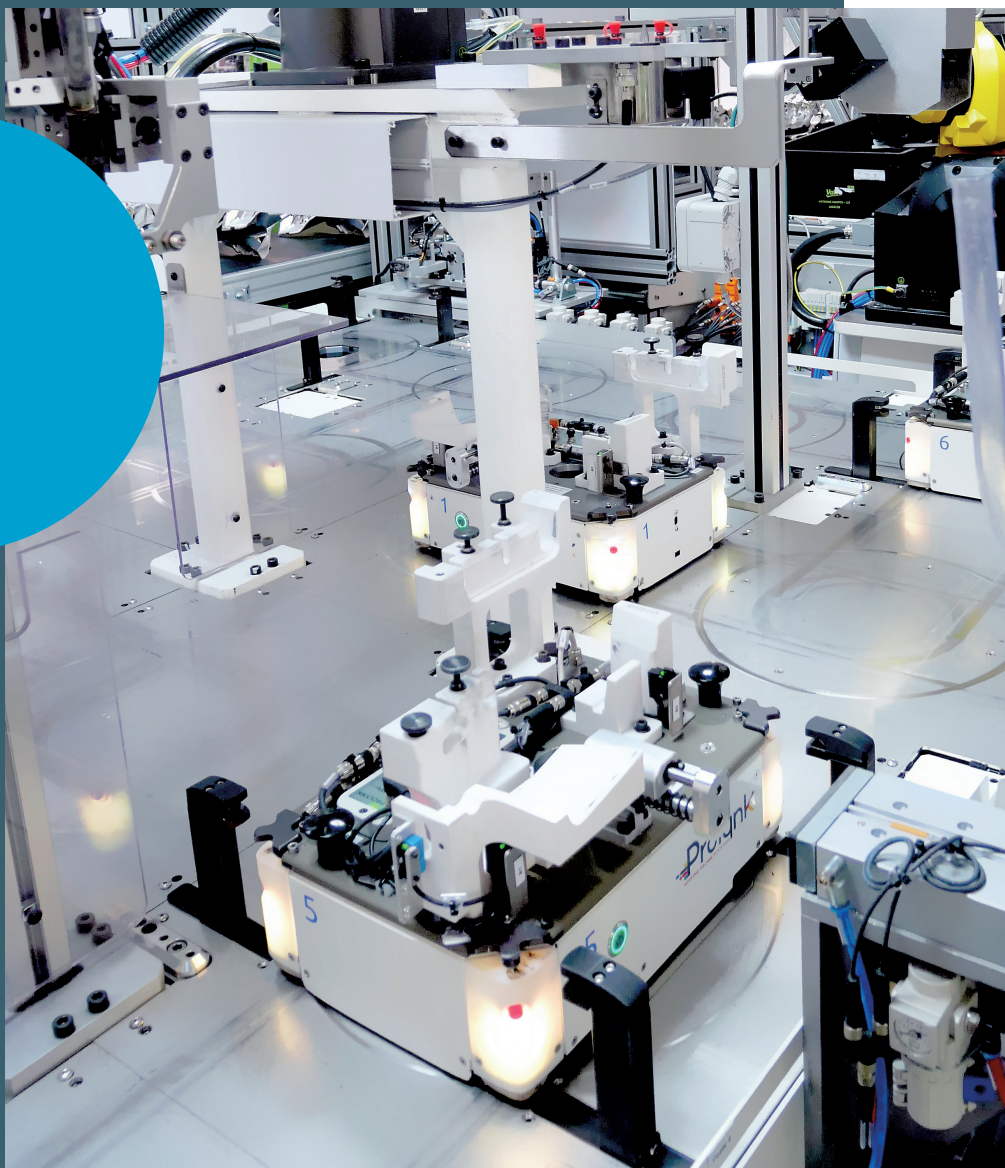


Prolynk

ADAPTIVE MACHINE PLATFORM



www.prolynk.eu



Editorial

In a global context where technological innovations are permanent, manufacturers must constantly adapt their production tools to the changes in their markets. In a context of uncertainty, they must plan more agile investments that take into account flexibility in terms of timing, volumes, customisation needs and product lifespan, while keeping costs under control, optimal delivery times and impeccable quality.

In this complex and uncertain world agility is therefore a priority. A long time-frame is no longer compatible with the challenges of the companies which must move from a predictable investment model based on the purchase of machines planned for 10 years to an agile production model.

With PROLYNK, the industrialisation of production resources is changing. Our new system, unique on the market, enables you to build an adaptive platform composed of several Mobile Programmable Cobots (MPCs) that facilitate the transfer of products within flexible and scalable production facilities.

Whether you are in the mechatronics sector or a player in the automotive, electronics, electrical equipment or aeronautics industries, PROLYNK is the ideal technological solution adapted to the industry that allows you to modernise your production lines and respond to your investment issues.



The benefits of our 100% flexible and scalable agile solution

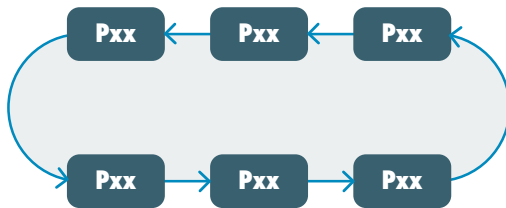
PROLYNK is a standard and versatile tool that adapts to the changes in your markets: reduced life cycle, industrialisation of new products, variation in manufacturing volume.

Our solution is composed of:

- a custom-configurable circulation platform that is compatible with your other production tools.
- one or more Mobile Programmable Cobot(s). (MPC)
- a software application to help your operators get up to speed quickly
- a fleet controller that communicates with your PLC

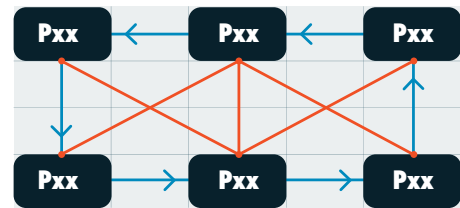
FROM Sequential transfer

Fixed mechanical transfer



TO Matrix transfer

Programmable transfer



An agile solution

THAT CAN EVOLVE WITH CHANGES IN INDUSTRIALISATION



Reduce your investment risks



Accelerate the time to market of your products



Save operating and production time and space

100%
scalable

30%
savings
in the floor
surface area

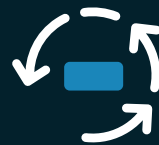
An adaptive solution



Produce **SMALL, MEDIUM** or **LARGE SERIES** with **ONLY ONE** assembly line



Produce a wide variety of **DIFFERENT PRODUCTS** on the **SAME LINE**



Choose a **REUSABLE SOLUTION** that adapts to your innovation and production needs



ADAPT your **PRODUCTION CAPACITIES** to your market

A competitive solution



Stay in control and **OPTIMISE YOUR INVESTMENTS** from R&D to production



Contribute to the recovery and **REINDUSTRIALISATION OF HIGH-COST COUNTRIES**



Optimise **COLLABORATION** between manual and automatic operations



REDUCE YOUR industrialisation **SCHEDULES**

Availability **10 weeks only**



Benefit from the possibilities of **LEASING** and **RENTAL**

A COLLABORATIVE AND USER-FRIENDLY TECHNOLOGY

01 **Configure the platform**
and simulate its operation

02 **Deploy :**
program the MPCs and communicate
with the machine's PLC

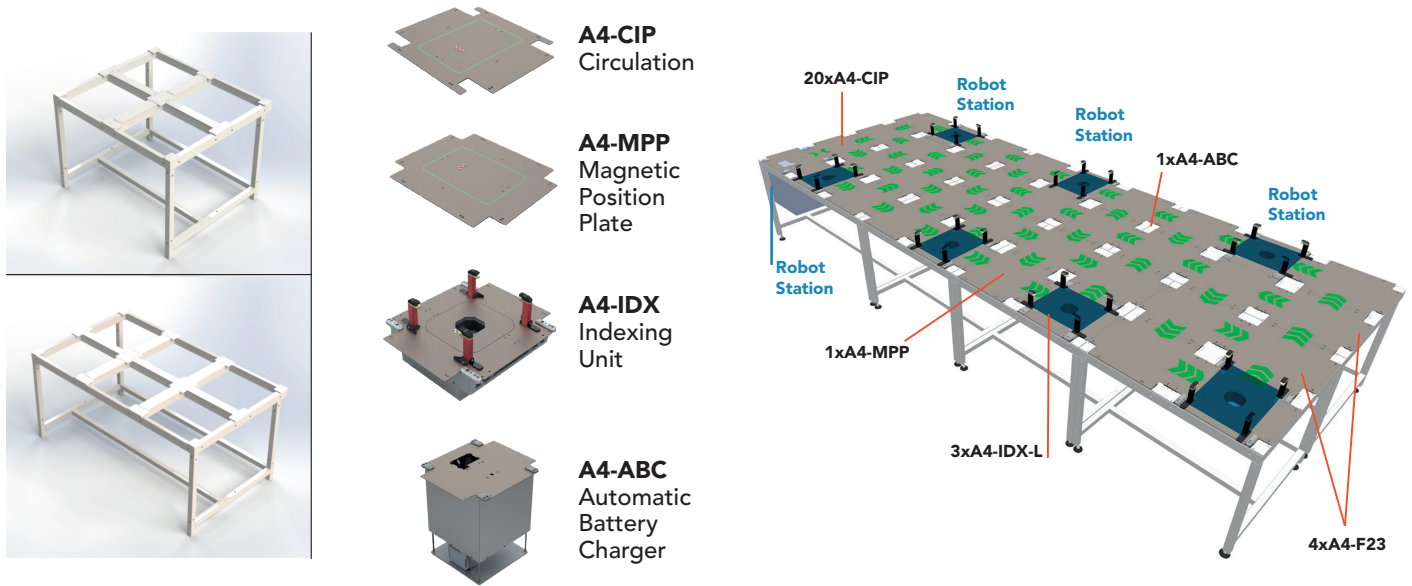
03 **Produce**
and access operating data

04 **Maintain the system**
with the help of information tools
for decision making

05 **Reconfigure**
and develop your platform according
to your markets

Build your platform with standard components

Selection of Fxy + Selection of devices = Your adaptive production platform ready to integrate
 ... or your specific frame ... or your specific device



Your adaptive platform integrating your processes to IMPLEMENT YOUR TURNKEY PROJECTS

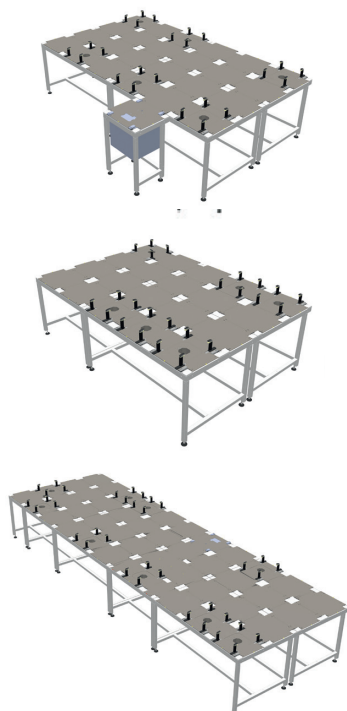
**Prolynk
 Adaptive Production
 Platform**



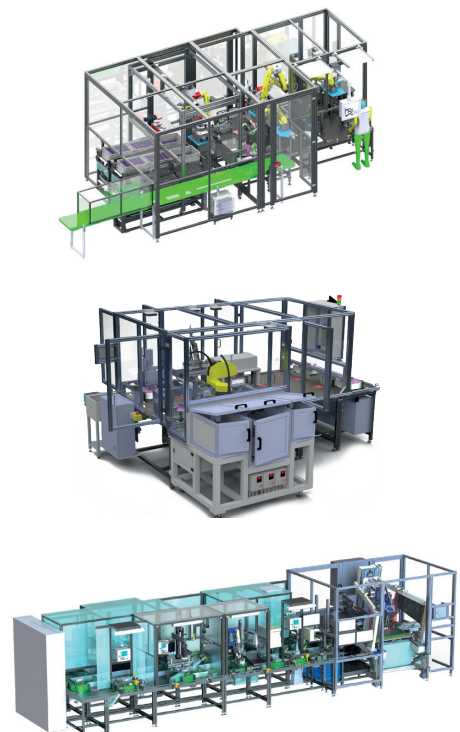
**Your process and
 tooling integration**



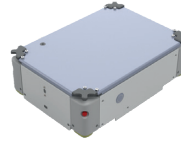
Your turnkey project



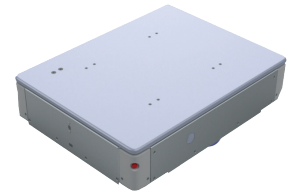
- ROBOTIC
- ASSEMBLY
- MANUAL STATION
- VISION
- DISPENSING
- SCREWING
- LASER MARKING
- ELECTRIC TEST
- SMART TOOLING
- ...









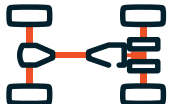
Applications

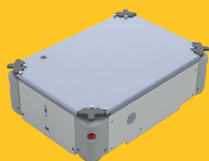


PLA4



PLA3

		PLA4	PLA3
	ELECTRICAL COMPONENT	●	●
	ELECTRONICS	●	
	POSTAL & LOGISTICS SOLUTIONS		●
	AUTOMOTIVE PASSIVE SAFETY SOLUTIONS	●	
	AUTOMOTIVE LIGHTING	●	●
	INFORMATION TREATMENT	●	
	POWERTRAIN SOLUTIONS		●



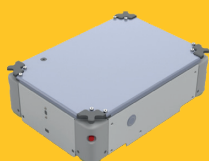
A4-MPC_5

Dim : 325x230 mm

Payload 5 kg

600 mm/sec speed

16 I/O embedded



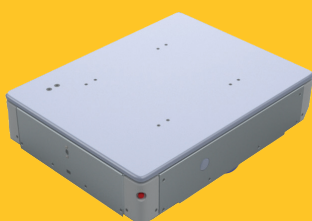
A4-MPC_10

Dim : 325x230 mm

Payload 10 kg

500 mm/sec speed

16 I/O embedded



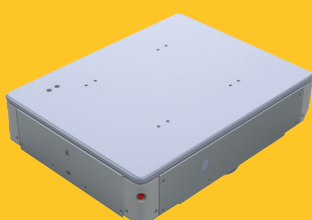
A3-MPC_20

Dim : 450x350 mm

Payload 20 kg

350 mm/sec speed

16 I/O embedded



A3-MPC_35

Dim : 450x350 mm

Payload 35 kg

250 mm/sec speed

16 I/O embedded



Supports 5 to 35 kg of payload



Collaborative solution



Adaptable to all PLCs on the market



Manual or automatic battery charging management according to your project



Energy saving



Worldwide presence of support and after-sales services (France, Spain, Poland, Italy and Portugal)

Sales and distribution network



FRANCE
GERMANY
PORTUGAL
SPAIN
POLAND
ITALY
US
CANADA
CHINA

For other locations, contact the Prolynk team



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