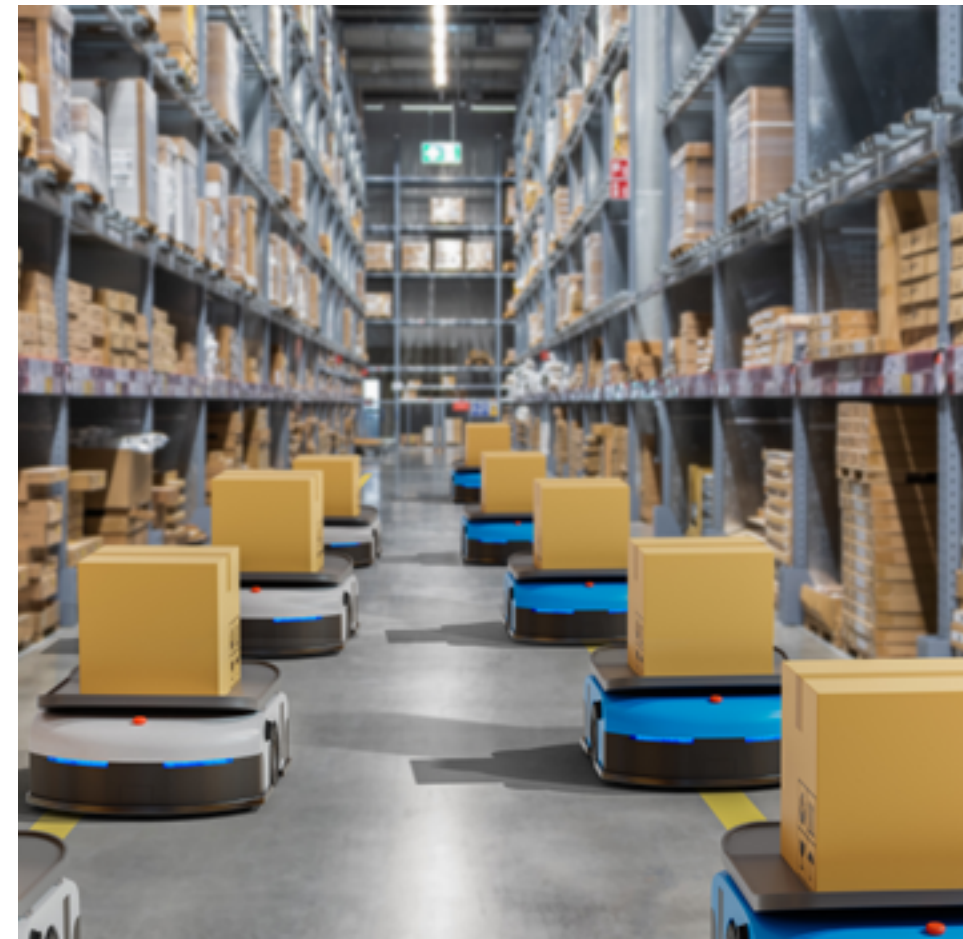


Mobile automation

Easy automation for machines on the move



The demands placed on modern mobile machinery have evolved dramatically over the years. With new functions being added all the time and requirements for operating efficiency and quality higher than ever, these vehicles need an automation system that is both powerful and scalable. B&R makes it easier than ever to implement automation solutions for construction equipment and municipal vehicles as well as for agriculture and forestry applications.

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Four challenges



Digitalization

To succeed at digital transformation, you need a solution partner with a clear vision, a broad portfolio and strong local support.



Complexity

To survive, you need to master a growing array of custom machines and variants with integrated safety technology, robotics and telemetry.



Lifecycles

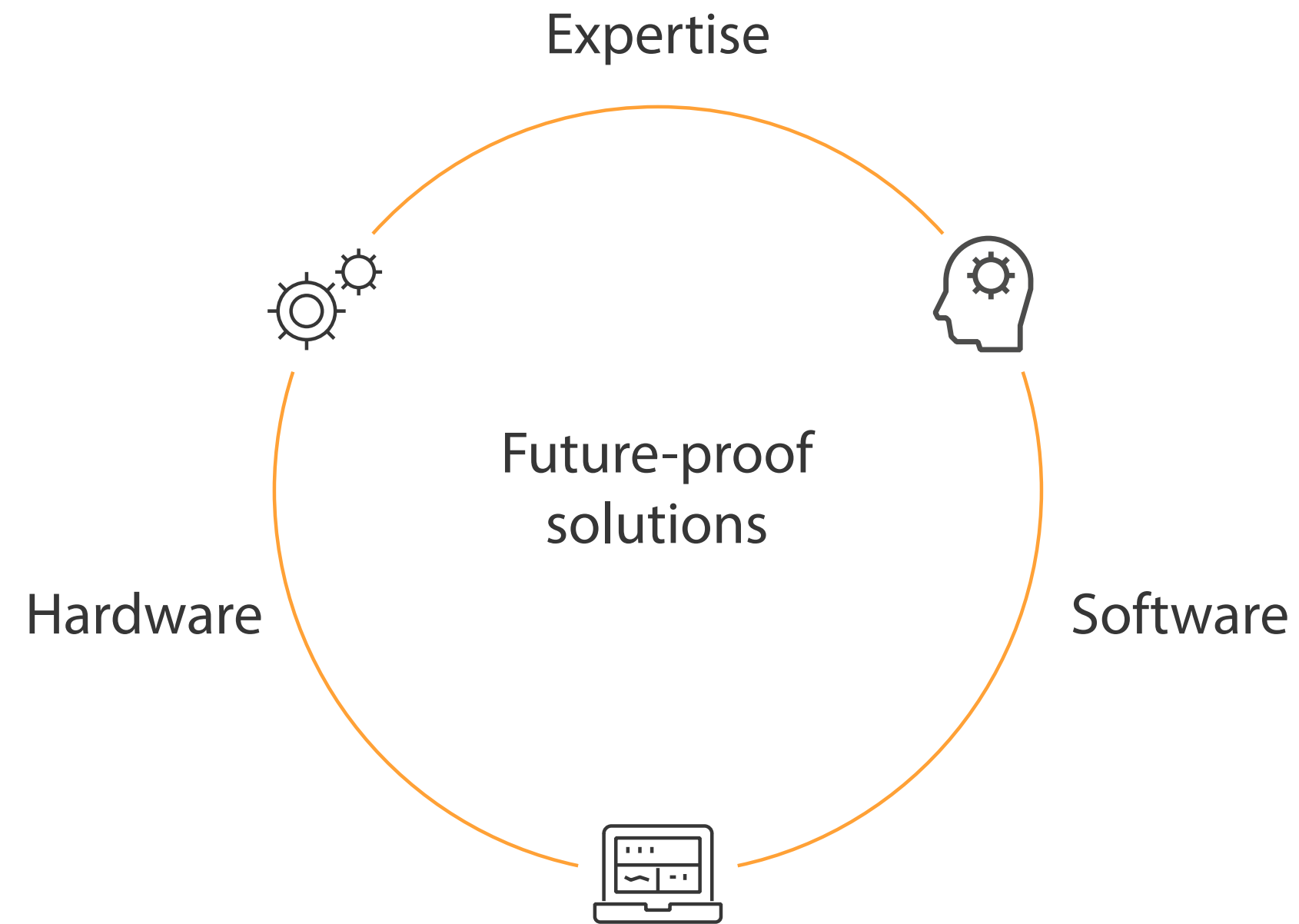
To keep up with fast moving market demands, you need to shorten innovation cycles for new functions.



Markets

To win in global markets, you need to tame a jungle of local standards and certifications.

One solution



As your technology partner, B&R will provide you with the support you need every step of the way –

We combine hardware, software and expertise to create future-proof solutions for the international market.

Understanding your requirements and working together to implement solutions – that is our mission.

At B&R, we put all of our knowledge, experience and creativity into developing technology that shapes the future of manufacturing. Together, we will set trends and shape the future.

Our motto "Perfection in Automation" goes hand-in-hand with carrying out our everyday tasks. To us, that vision means providing a complete automation solution that gives you maximum flexibility and economic efficiency.

It also means cultivating long-term relationships based on trust. We'll accompany you from start to finish – from conceptual design to development and through to after-sales service. With B&R at your side, you can count on a solution-oriented partner that always keeps the bigger picture in mind.

Easy automation



Automated guided vehicles



Construction equipment

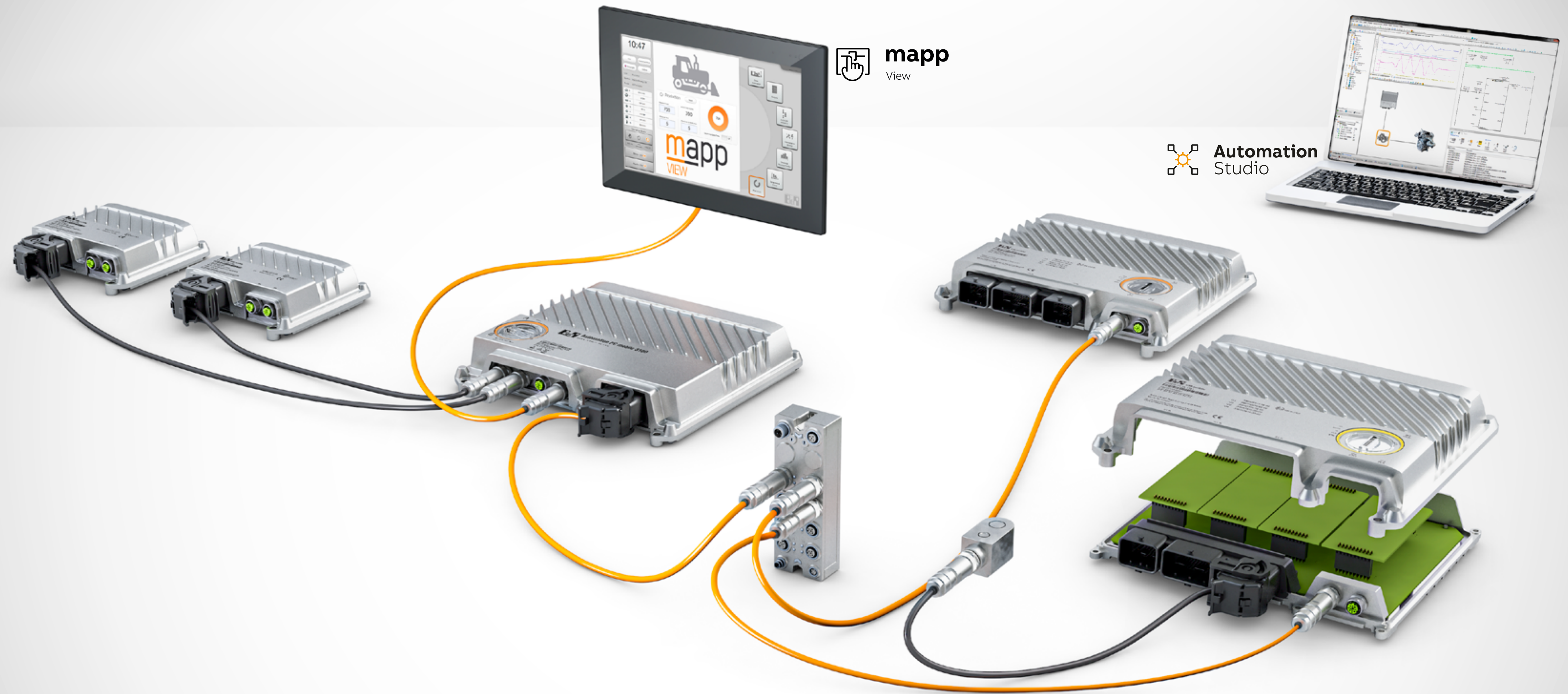


Municipal vehicles



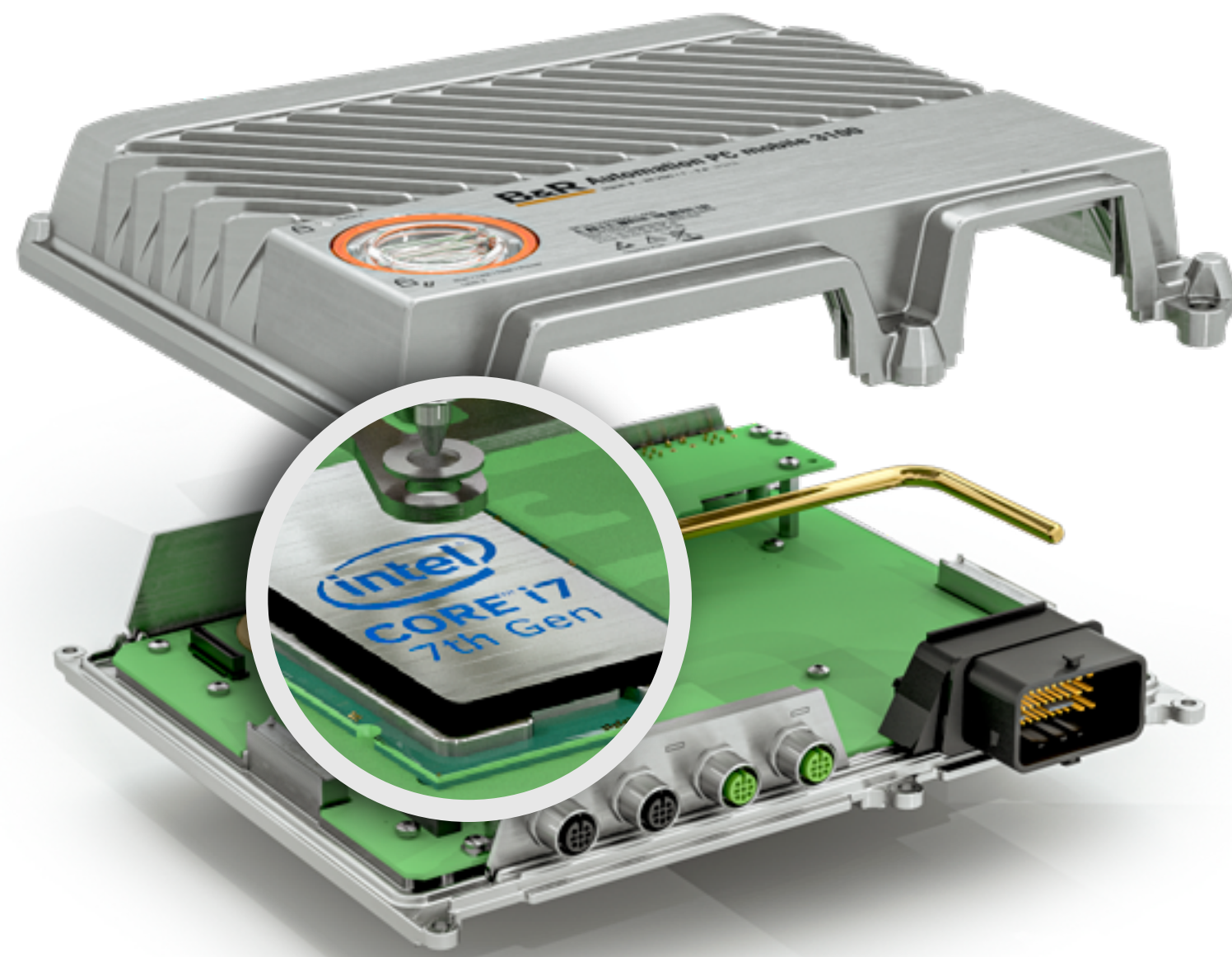
**Agriculture and
forestry industry**

The mobile automation lineup



Modular X90 control and I/O system

Automation PC 3100 mobile



Powerful PC

With its built-in IP69K protection, the powerful PC is ideally suited for use in harsh environments. The PC is equipped with an Intel Core-i processor that is scalable over a wide range from the Celeron with 2.2 GHz up to the Core i7 with 2.8 GHz.

To the product video
on YouTube

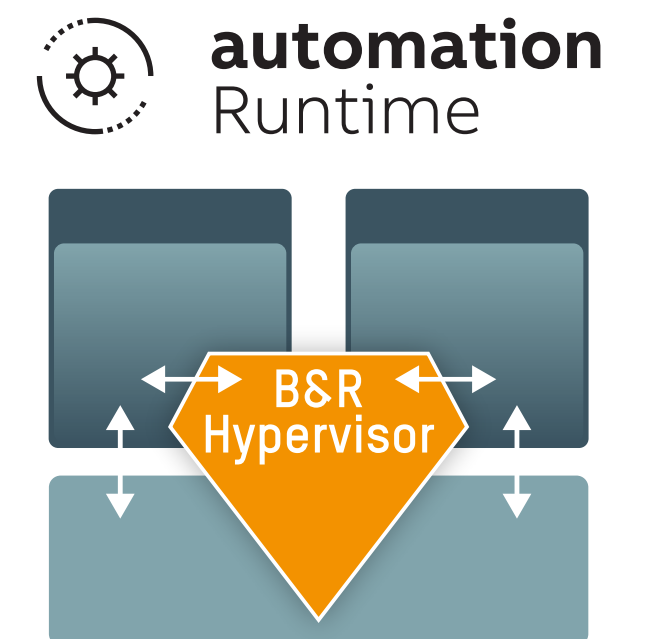
Option boards

Option boards for the PC add interfaces for connecting external I/Os like CAN or POWERLINK.



Real-time control

Automation Runtime embedded turns the PC into a high-performance real-time capable controller. B&R Hypervisor allows multiple operating systems to be used on one computer simultaneously.



Edge computing

B&R offers tools for implementing PC-based tasks like predictive maintenance, big data analytics for machine optimization or security gateways.



Visualize and operate with Power Panel T50 mobile



Reliable operation

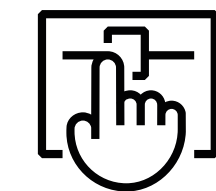
The Power Panel features die-cast aluminum housing for mechanical stability and a multi-touch display that can even be used in the rain. The readability of the display can even withstand direct sunlight.

Many possible uses

The robust panel is ideal for indoor and outdoor HMI applications, such as those used in truck cabs or on machines for road construction, field work and earthmoving operations. The panel is available in 5", 7" and 10.1" diagonals.

Flexible HMI

The web-based Power Panel features the platform- and operating system-independent HMI solution, mapp View. Create modern HTML5 applications with ready-made widgets.



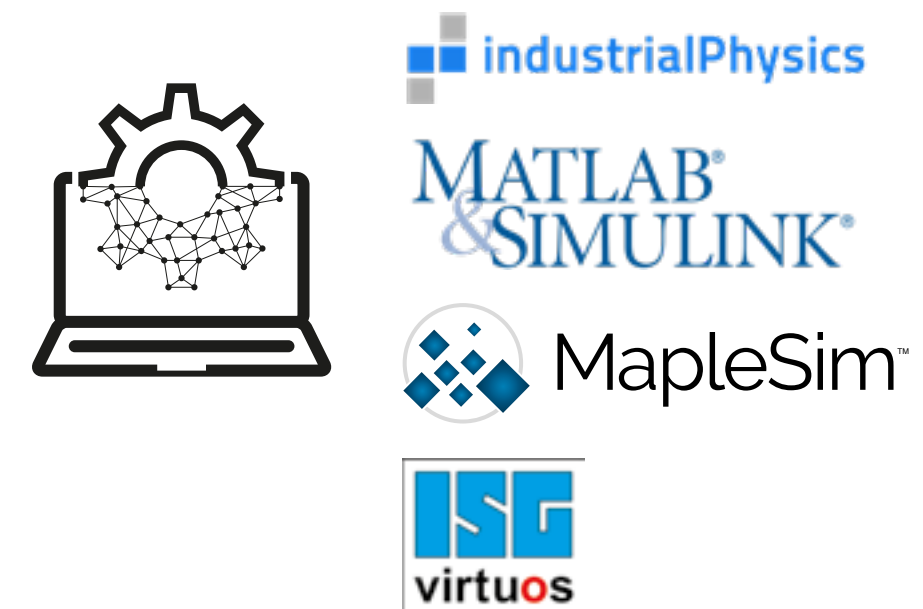
mapp
View


Practical accessories

Available mounting types include standard brackets, panel mounting or front plate mounting. A variety of cables and connectors are also available.



Engineering tools for all tasks





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