

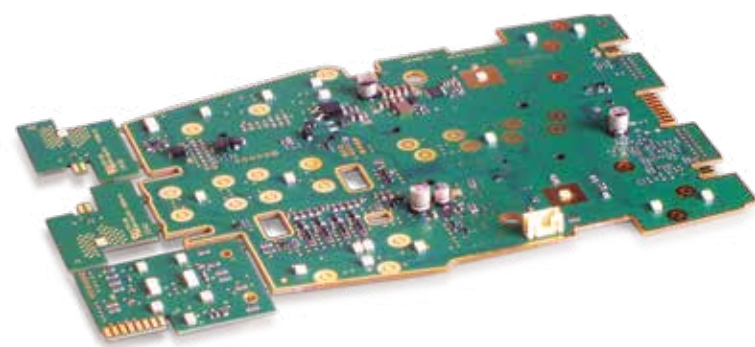
Your qualified partner in the automotive environment

APAGCoSyst develops and produces electronic control systems for a **wide range of application areas**. Based on your specific requirements, we develop individualized concepts for implementing your projects.

We support you in the **automotive environment**, specializing in the areas of HMI, display and cluster **systems, LED illumination modules** and **comfort control units**.

Our products and services at a glance

- Supplier of control units, sensors, HMI, display and cluster systems
- Production of control units and customer-specific modules
- Customized product and electronics development
- Hardware and software development
- Construction of mechatronic systems, housing development
- Modular control units and highly flexible platforms for HMI, display and cluster systems



APAG
cosyst
ELECTRONIC CONTROL SYSTEMS

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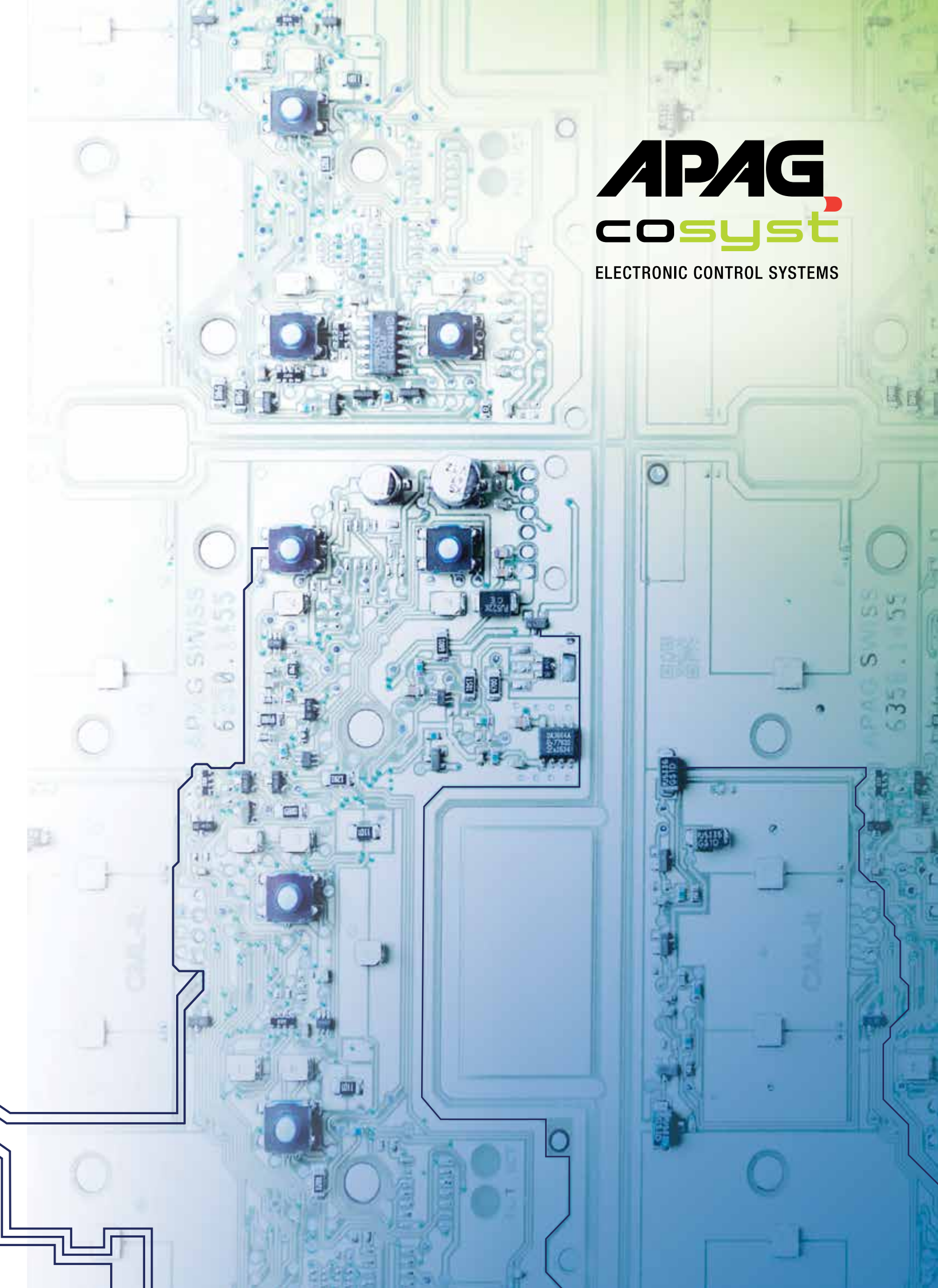
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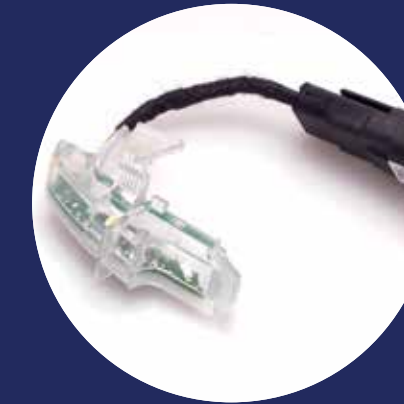


From concept to series production

APAGCoSyst accompanies you all the way **from the initial concept, development, production**, to delivery and the final release. Our range of services include all stages of requirements engineering, analog and digital circuit development, construction services, as well as hardware-related programming, development of real-time-capable applications. At the end of a project we take care of validation, additional testing, and if desired environmental qualification.

Our main areas of expertise

- LED technology for interior and exterior illumination
- Touch-based, capacitive control systems
- Display technology for HMI, display and cluster systems
- Full graphical and pointer-based instrument clusters
- Control of actuators such as motors, valves for comfort systems
- Integration of bus systems, such as CAN, LIN, Flex-Ray, Ethernet
- Development of safety-critical systems based on ISO 26262, from ASIL A to C
- Long-standing AUTOSAR experience with various proprietary modules
- Development in accordance with Automotive SPICE



Technological focal points

- Pressurized production hall to minimize dust
- Temperature and humidity control
- SMT/THT – RoHS-compliant
- Action pin/press-fit technology
- V-cut depaneling or panel milling – sealed depaneling cell
- Selective coating
- Potting technology (e.g. silicon)
- AOI, X-Ray, ICT, EOL, screening, burn-in/run-in
- 100% component traceability
- Certification to ISO 14001, ISO 9001, and ISO/TS 16949

Highly automated production in a new plant in Pardubice/CZ

Since 2015 our production is located in a brand-new plant with state-of-the-art manufacturing equipment since 2015. Realization includes electronic systems **developed in house** and our services as a **production service provider (EMS)** for customer products. Thanks to intelligent process design, our highly automated production is designed for flexible volumes. In the highest volume projects, **up to 5 million modules** are produced annually.



350 employees working for your success

Within **APAGCoSyst**, **350 employees** working **internationally** contribute to the implementation of your projects. With our new plant in Mexico and our customer service center in Detroit, we're now also available on site to our customers in the **North American market**. Numerous Tier I, Tier II, and car manufacturers are already part of our established clientele. Take advantage of our range of products and services.

