



A Phoenix Mecano Company

**BOPLA**  
**enclosures ■ content matters**



# ENCLOSURES WHICH PROVIDE A HOME FOR ELECTRONICS.



BOPLA enclosures stand out thanks to their high quality and design. Together with our customers' electronics, the result is something very special – and this says a lot about how we evaluate the market and serve our customers.

For more than 40 years, BOPLA Gehäuse Systeme GmbH has been developing and manufacturing electronic enclosures and HMI devices for industries and applications included in the safety, telecommunications, automotive and medical technology sectors. With more than 25,000 articles, BOPLA is one of the leading suppliers in this field. We have 170 employees at the Bünde/East Westphalia site who work closely with 220 colleagues in our global production, sales and marketing organisations. Since 1977 the company has been part of Switzerland's Phoenix Mecano group, which operates worldwide.

**BOPLA • because content matters.**

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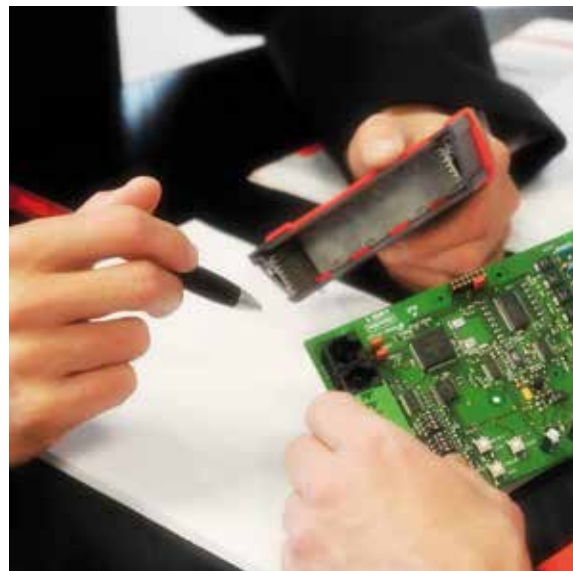


# INTELLIGENT, SKILLED EMPLOYEES.

What is our most important resource when it comes to meeting our customers' requirements? It is our employees, with their knowledge, experience and ideas. Our headquarters in Bünde/East Westphalia is ideally situated for this, because our economic region is well-known for determination and ingenuity, even if many of those who envy us think that we are stubborn.

It's only the result that counts – and that speaks for itself. Our plastic or aluminium enclosures and components always ensure that we are far ahead of the competition. This is how BOPLA creates innovative products, or re-interprets existing themes, as shown by a large number of industry property rights.

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# RESULTS FROM THE BEST INGREDIENTS.

Quality results in quality. This is why we, as a system supplier, pay so much attention at the start of the value-added chain to the careful selection of all the materials and upstream products used – from the plastic granules to the aluminium profile.

Strict quality controls are the hallmark of both development in Germany and the sourcing and manufacturing processes which take place at the group's own production sites. This is where the heart of all subsequent processes is created – the enclosure.

Wide-ranging test facilities in the in-house laboratories ensure minimal fault tolerances and maximum BOPLA quality. After all, this is what our customers have come to expect from us – so why should we change anything?

**RAW MATERIALS** • because content matters.



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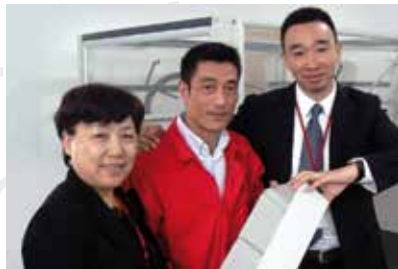
Phoenix Mecano, Switzerland



BOPLA, Germany



Phoenix Mecano, China



Phoenix Mecano, USA



Phoenix Mecano, Hungary



Phoenix Mecano, Romania



Phoenix Mecano, India



# CLOSE TO THE CUSTOMER – WORLDWIDE.

BOPLA combines the virtues of a medium-sized company with the advantages of a concern which operates worldwide. Fast, flexible and innovative – but also well networked, both locally and around the world. As a subsidiary of the Swiss company Phoenix Mecano AG with its approximately 6,000 employees, BOPLA can call on production and marketing sites in all important markets.

This simplifies the logistics and also makes it possible to satisfy the customers' requirements in the target markets. For example, products are developed and produced on-site for the growing Asian markets.

**PRESENCE • because content matters.**

- BOPLA production sites
- BOPLA marketing sites
- External sales partners

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THIS IS HOW SOLUTIONS  
COME ABOUT.  
ONLY AT BOPLA.

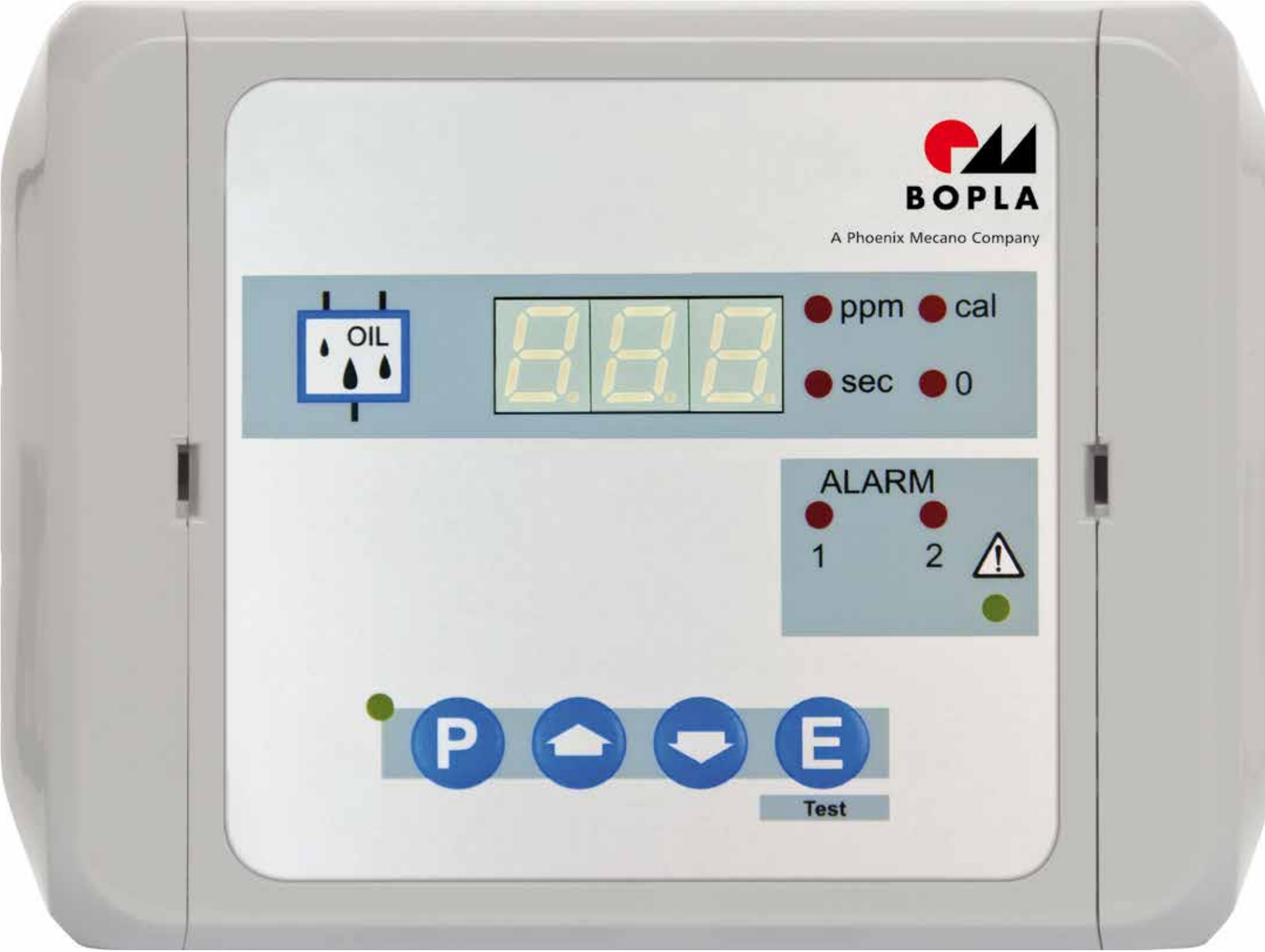
COMPLETE SOLUTIONS.  
ALL-ROUND SERVICE  
FROM BOPLA.



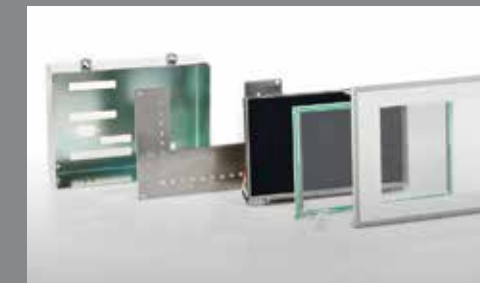
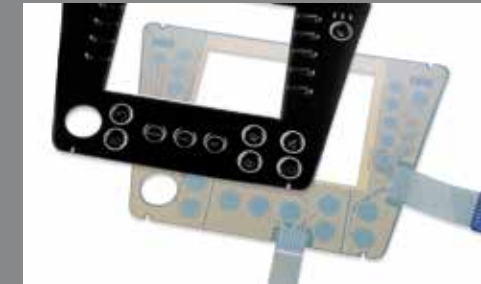
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# INPUT DEVICES



We are at the interface between electronics manufacturers and users, so we see ourselves as competent service providers in the development of input devices. Together with you, we develop a wide range of solutions for individual and sophisticated design. Our range of products is enormous, from front membranes to short-stroke keys to classic membrane keypads and right up to touch screens. We have a great deal of experience with all kinds of technologies. Input devices which we have developed meet the necessary requirements and are user-friendly, with up-market designs.

Of course, inserting an input device into the enclosures is part of our service. Here in particular is where we find the implementation of customer-specific touch display solutions.





# ENCLOSURE TECHNOLOGY

Precious contents deserve high-value packaging. With BOPLA enclosures, you not only protect the electronics against damage – you also give your device its own unmistakable look.

BOPLA's range of products in the enclosure sector is extremely varied, ranging from hand-held, desktop and console enclosures to wall-mounted enclosures up to 19" applications. The manufacture of customer-specific enclosures and components made of plastic and aluminium is also part of our product range, and has increased considerably in recent years.

Working together with our customers, we develop solutions which are designed to meet the requirements of the individual application. This is where we see our greatest potential for future development.





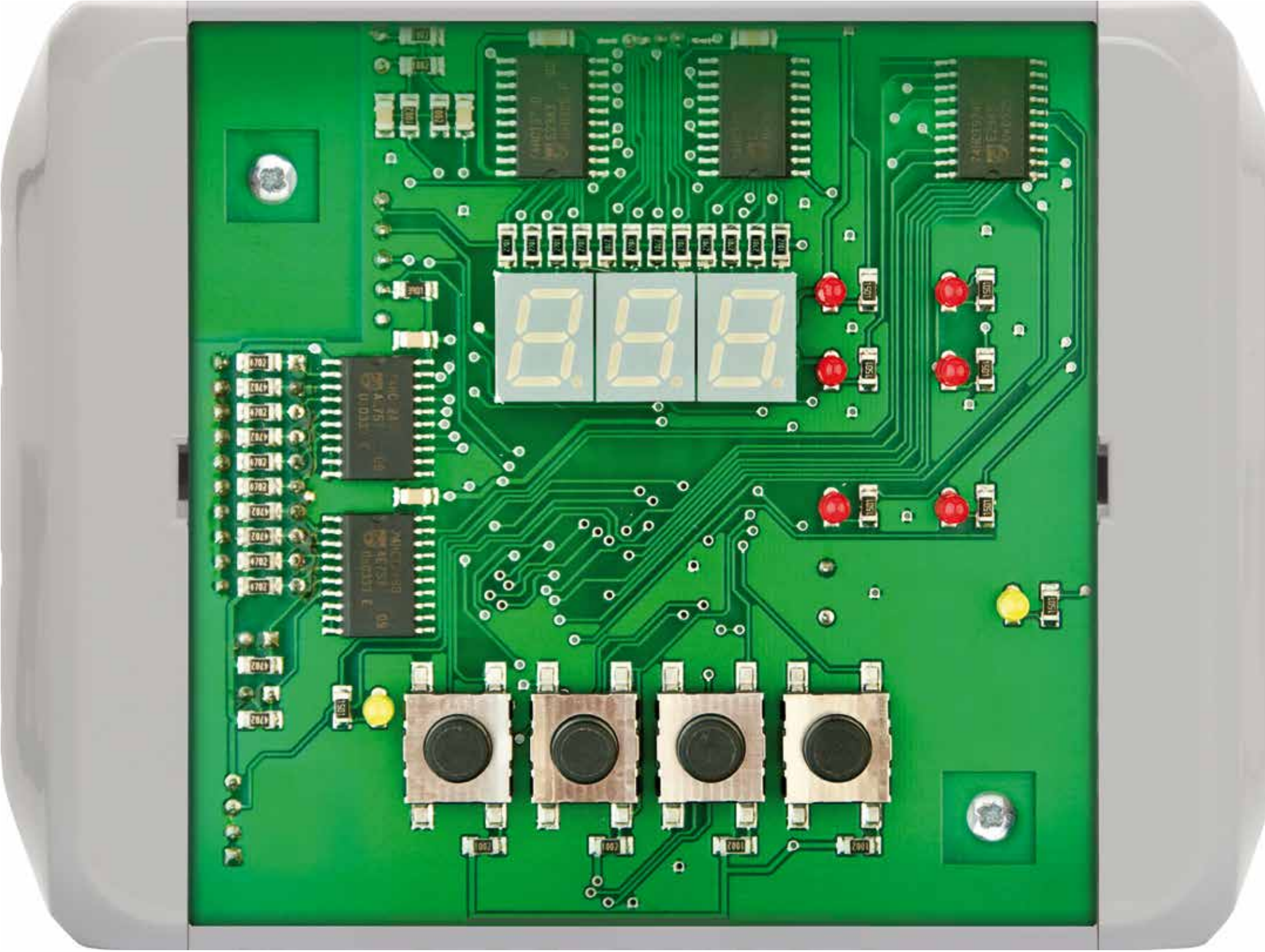


# PROCESSING SERVICE

Over the years we have acquired comprehensive skills and know-how in many disciplines which are connected with the manufacture of enclosures. Starting with the simplest mechanical processing, we offer a wide selection of processing technologies, such as milling, drilling, countersinking, thread-cutting, sawing, ultrasonic welding and much more. Individual finishing processes, for example engraving, laser engraving, printing, lacquering, powder and EMC coatings complete our offers.

You, too, can benefit from our specialised knowledge of processing plastics and aluminium, and we are also happy to prepare your enclosures for subsequent processing.





# SYSTEM INTEGRATION

Our comprehensive offer in the electronics services sector extends from the development of the module to the sourcing of components to the complete assembly of your individual device. Wide-ranging tests, with a function and final test – all carried out in our in-house laboratory – are an everyday part of our work.

We accompany and advise you from the system idea to series production. Cost effectiveness, quality and short delivery times are the building blocks for the implementation of your product concept.





# SIMPLY BEING AMONG THE BEST.

Our recipe for success isn't a secret – we always want to be one of the best. That is both our goal and our motivation, because in a global economy it is vital to recognise trends and developments at an early stage and to implement suitable solutions.

In addition to excellent construction solutions, it is our high standards of quality which secure our position in the market.

BOPLA quality control starts at the very beginning and this is why we only work with certified suppliers. By using highly-efficient quality management processes, we create standards which are far higher than the minimum legal requirements. For this reason, certification according to DIN EN ISO 9001:2008 is self-evident for us.

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# PROTECTING VALUABLE CONTENTS.

This is and always will be an enclosure's main function. The more information we have about where and how our enclosures are used, the better we can protect high-quality, sensitive electronics against external influences. Salt water, spray, oil and acid, cold and extreme heat – BOPLA enclosures must carry out their functions reliably and at all times.

We know that responsibility doesn't end at the factory gates – this is why we feel great responsibility towards our employees and the company. By means of sustainable actions and responsible treatment of natural resources, we want to play our part in protecting and conserving what is valuable. Certification according to DIN EN ISO 14001:2004 is a vital part of this for us.

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# USING VISION TO GROW CLOSER.

Only those who have a clearly-defined goal know which direction to take. And it is something we can only achieve by working together with our customers, for example, when we develop today the products which are needed for tomorrow.

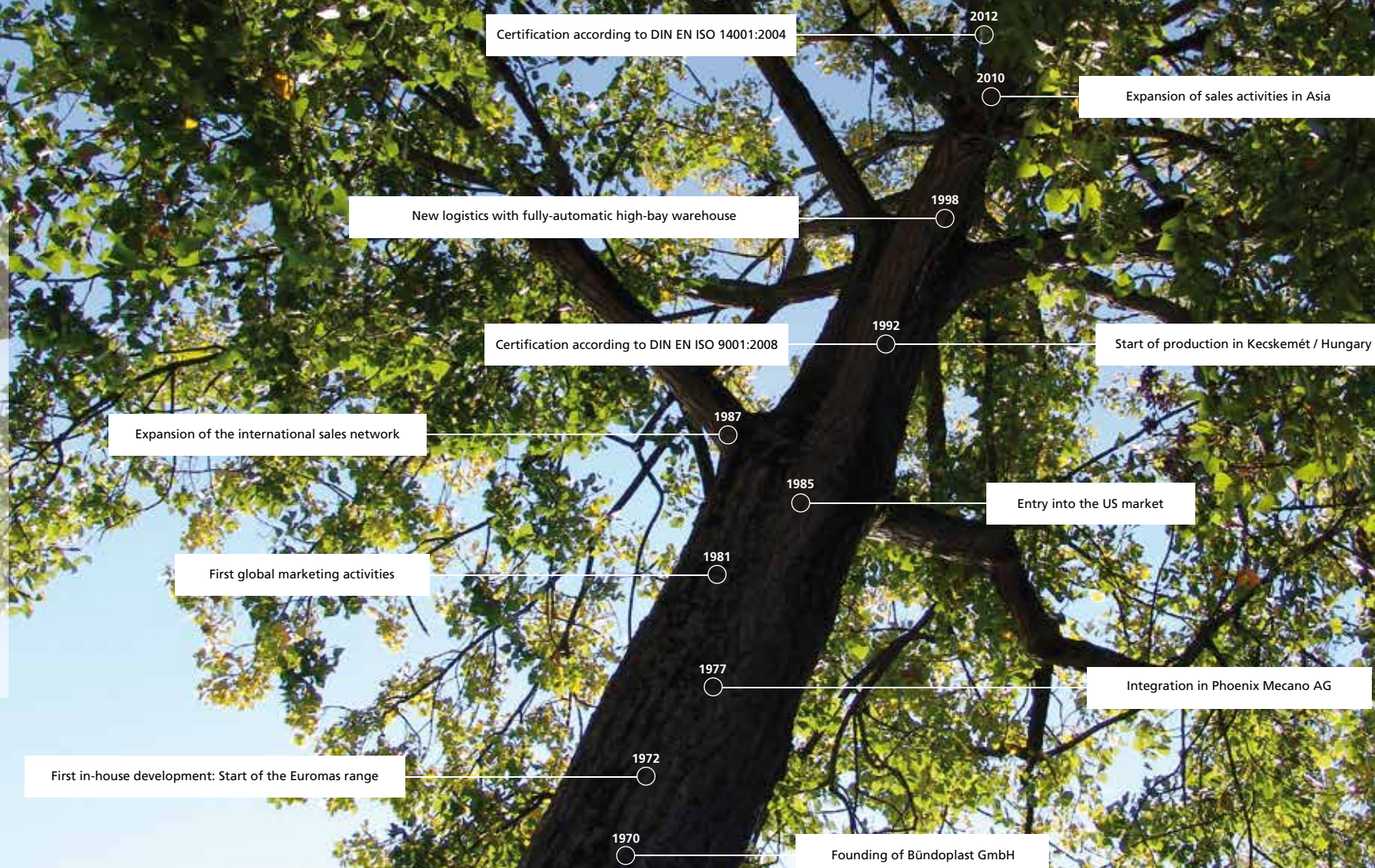
This is why it is so important for us to start cooperation with our customers during the planning and development phase. This helps our designers and technicians to work out new concepts and ideas.

In this way, joint visions become reality, day by day.

**CREATIVITY** • because content matters.



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# BOPLA. THE PRODUCT RANGE.

Plastic enclosures



Aluminium profile enclosures



19" enclosures



Hand-held enclosures



Desktop enclosures



Console enclosures



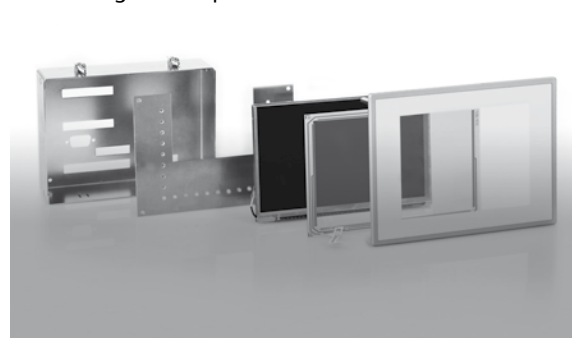
Customers' individual enclosures



Membrane keypad input devices



Touch integration input units



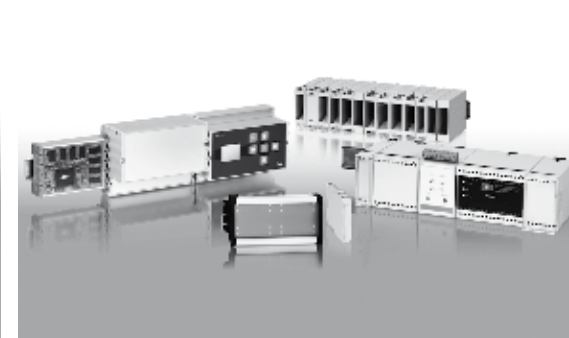
Wall-mounted enclosures



Industrial enclosures



DIN rail enclosures



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