



Saves Your Energy

Enclosure solutions for the infrastructure industry

We are professionals in providing customer-specific enclosing solutions targeted at demanding environments. We are familiar with your segment and able to offer you technical solutions meeting your needs.

We work closely with standardizing and testing bodies, with certifying products according to customer needs.

Our solutions typically have a high degree of protection. We have experience of designing solutions passing wind driven rain and extensive fire tests.

We have also developed solutions meeting IP 69 K, ATEX and EMC shielded solutions are available on request.

Standard enclosures

Our standard product offering includes a wide range of poly-carbonate, polyester, aluminium and steel enclosures and cabinets. These are supported by a broad selection of innovative accessories suitable for applications requiring a high degree of protection.

Our thermoplastic enclosures have a modular tooling structure, enabling cost efficient mould modifications of any side of the enclosure. The polycarbonate used has excellent impact, fire and UV radiation resistance and it is self-extinguishing and halogen free. The material also has the UL Plastic Recognition Yellow Card.

Our steel enclosures, in turn, are available with customer-specific dimensioning also in small volumes at competitive prices.

In addition to the enclosing solutions, we design and manufacture electrical terminals and load break switches used by global clientele.

Our enclosing solutions can be found e.g. in

Transportation infrastructure *

- Road and highway networks
- Railways
- Airports

Energy infrastructure

- Electrical power networks

Water management infrastructure*

- Sewage collection systems

Communications infrastructure*

- Fixed line networks
- Wireless networks

* Further information about our enclosing solutions offered for the transportation, wastewater treatment, and telecommunication industries is available in separate leaflets.



Our tailor-made enclosing system steering the railway traffic in a railway yard in Helsinki, Finland. The control system was made for Mipro Oy, a private Finnish company specialising in customised automation and offering, for example, safety-related systems for railways and industry. Rail traffic relies on automation that is safe and functions faultlessly. Hectic centres of railway traffic require systems with maximum reliability.



We are specialists in injection-moulded enclosing solutions for customer-specific requirements. Shown here, a totally tailor-made plastic solution.



A customised Ensto Cubo C enclosure furnished with our industrial components and accessories. Integration services are part of our offering.

Customer-specific enclosing solutions

Customised solutions
based on standard enclosures

Tailor-made solutions
based on customer's product projects

Customising services:

- Machining such as cutting, drilling and threading
- Printing e.g. company logos, operating instructions and symbols
- Manufacturing plastic enclosures from coloured plastic raw material
- Painting enclosures
- Assembling enclosures with components such as cable glands, connectors and keypads
- Quick prototyping
- Sourcing of third party components.

Tailor-making services:

- Project coordination
- Design and product development by technical experts
- Feasibility studies
- Rapid modelling and prototyping
- 3D modelling and technical documentation
- Injection mould sourcing and mould maintenance
- Production and delivery ramp-up
- Assembly and related testing and certification
- Quality documentation and coordinating audits.

Our service offering

Our service offering includes the customisation of standard enclosures and the tailor-making of totally new enclosure solutions on the basis of customers' needs. We also offer assembly services as well as the sourcing of third party components.

We are experts in product design and development and offer totally tailor-made solutions, including smooth technical documentation, 3D modelling and quick prototyping.

Our capabilities

We have sound knowledge of a wide range of materials and their chemical resistance. Material selections are always made together with our customers to optimize the manufacturability and technical performance.

We have modern production facilities with the latest robot technology in Estonia and Finland.

Reference cases of customer-specific enclosing solutions



Our total enclosing solutions including integrated electronics are used in 'smart' meters and meter-reading devices made by our customer Landis+Gyr.



Our cable distribution cabinet solution produced on the basis of a customer project designed to create cabinets that blend in with a Finnish riverside landscape.



Our polycarbonate Ensto Cubo O enclosures are suitable for outdoor use even in the warm and damp climate of Taiwan. The picture is from the Taipei metro system.



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