

Enclosures and cabinets for special requirements







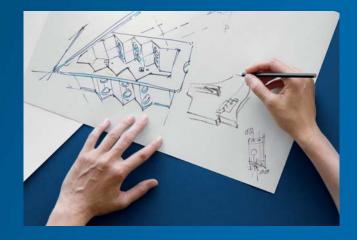
We transform your ideas into your enclosure

the counselling

professional and competent:

You inform us about your requirements.

Together, we work out the shape,
function, material and the suitable
production technique for your enclosure.





the design

customised und functional:

Our engineering team develops the perfect enclosure for your requirements.

the production

quality-conscious and up to date:

State-of-the-art machines, highly qualified staff and consistent quality controls are essential to us.

That's how the vision of your "perfect shell" for valuable electronics comes true.





State-of-the-art technology



Our production possibilities



Punching, laser cutting

- laser cutting
- punching
- embossing
- marking



Surface technology

- powder coating
- wet painting
- chromating
- conductive paint coating



Bending

- free bending
- clinching
- **settling**
- automated bending with robots



Foaming/Gluing

- > sealings up to IP 65
- **b** gluing of panes



Deburring

- complete surface
- edges



Milling

- front panels
- cut-outs into enclosures



Welding

- laser welding
- **)** stud welding
- customary welding



Printing/foils

- digital printing
- **silk** screening
- pad printing
- keypads
- decor foils



Insertion

- stud bolts
- nuts
- inside thread nuts
- earthing lugs



Assembly

- assembly service
- pre-wiring
- cable configuration
- > system integration



Our products: always the



Datacenter, network engineering and industrial applications

- ▶ 19" cabinet system TiRAX
- ▶ 19" cabinet system NETcell
- ▶ 19" wall-mounting enclosures
- power distribution systems
- air conditioning technology
- cable management



19" cabinet system aprack

- for applications in audio, video or test and measurement
 - light aluminium extrusion frame
 - wide range of accessories
 - free assembly service



perfect shell for your valuable electronics















- subracks 1 14 U, VME, Compact PCI, Advanced TCA
- ▶ EMC-compatible subracks
- customised subracks
- cassettes, plug-in modules, front panels



Panel instrument cases and enclosures for top hat rail

- enclosures acc. to IEC 61554
- plastic injection moulding
- plastic mould construction







Plastic enclosures

- individual plastic enclosures without tooling costs
 - even the most sophisticated requests concerning form and materials can be realised
 - ▶ from 1 to 100.000 pieces in different production techniques
 - **3D printing:** the fast way to your protoype
 - digital printing: flexible, fast and economic
 - foil technology
 - mixed materials: the perfect combination of plastics and metal





Your product idea - cleverly realised





Custom-made enclosure technology











functionality · ergonomics · pre-cabling product design · IP protection · EMC shielding





The apra group



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