AS INDIVIDUAL AS YOUR REQUIREMENTS

IT SAFE 4.0

The chameleon among
the server cabinets

PRIOR 1
für Ihr Rechenzentrum

IT SAFE 4.0

adaptable – secure – inexpensive

Industry 4.0 is a term that stands for the ever-closer interlinking of production, communication and information technology. Comprehensive digitization is based on intelligent and digitally networked systems. Industrial production and IT are becoming increasingly interlinked. This affects not only the linking of the systems, but also the actual physical proximity to each other in many cases. Where real-time applications require extremely short latency times, it is essential to move the IT directly into the production environment.

With **IT Safe 4.0**, Prior1 offers an inexpensive security environment that protects your IT from everyday hazards such as dust, water, high temperatures, fire or debris in the immediate production environment. **IT Safe 4.0** also provides protection against unauthorized third-party access and vandalism.

IT Safe 4.0 is also the right choice for IT applications with lower protection requirements. If IT needs to be outsourced from the data center in branch operations or when carrying out special projects and installed decentrally, **IT Safe 4.0** is a simple solution. The protective cabinet provides space for the complete infrastructure of electricity, refrigeration and monitoring technology. Fast, secure and inexpensive.

Modular construction

Individual cooling options

IT Safe 4.0 can be cooled in two different variants.

Industry-standard cabinet cooling system for operation in harsh environments such as production sites, in close proximity to machines, in the storage area or comparable local conditions.

Thanks to its fire damper system, **IT Safe 4.0** retains its full fire protection quality. In the event of a fire outside the cabinet, the dampers close and hermetically seal it.

IT Safe 4.0 with external coolers is delivered ready for operation.
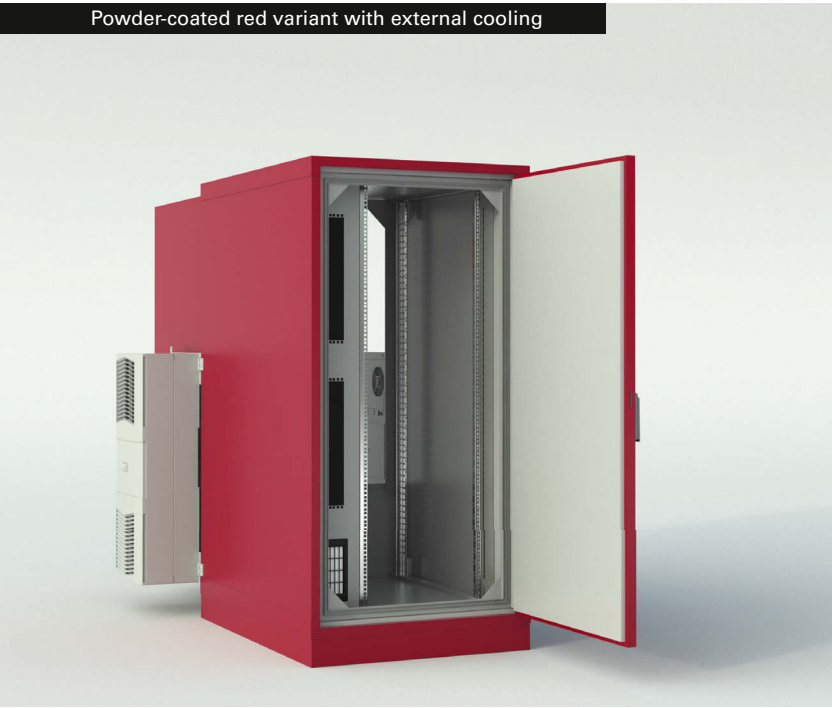
Variant with free cooling

Cooling takes place via an integrated fan with filter unit. For smaller IT facilities, **IT Safe 4.0** can exchange the waste heat with the direct ambient air without its own cooling.

Suitable for offices, cool storage rooms or air-conditioned rooms.

IT Safe 4.0 with free cooling also has the fire damper system described above and is delivered ready for operation.

Great variety of color combinations

IT Safe 4.0 can be produced according to your specifications in different color variants.

Powder-coated red variant with external cooling

Powder-coated black variant with free cooling

Scope of delivery does not include fixtures.

"With IT Safe 4.0, we offer our customers effective and cost-effective protection in adverse environmental conditions. Important factors during development included ensuring that IT Safe 4.0 is available at short notice, easy to set up and can be placed directly in the on-site data collection and utilization location."

OLIVER FRONK
Head of Project Consulting

"At Prior1, because products with added value and joy for our customers are developed here."

Characteristics of IT Safe 4.0

- Fire integrity: EI 30 according to EN 1363-1, F30 according to DIN 4102
- Test according to EN 15659 for safety cabinets and safes in classification LFS 30 at the Civil Engineering Materials Testing Institute (MPA) Braunschweig
- Dust-tight according to EN 60529: IP 5x *
- Waterproof according to EN 60529: IP x6 *
- Protection against debris
- Protection against external access/vandalism by means of three-point interlocks
- Protection against corrosive fire and cold gases by smoke protection seals
- Protection against explosion thanks to constructive design
- Protection against compromising radiation and radiation thanks to metal construction on all sides
- Attenuation of the generated sound

* not for variant with free cooling

IT SAFE 4.0
Configurations and options

Cabinet data	
35 height units + 6 HU vertical (WxDxH = 870 x 1,253 x 1,797 mm incl. base)	■
Undercarriage base (H = 100 mm)	■
Door Options	
Single-leaf front and rear doors	■
Single-leaf door with fire dampers for the rear of the cabinet (in-conjunction with external coolers or free cooling)	☐
Electronic key combination lock on the front door	☐
Cabinet entries	
Cable/pipe bulkhead	■
Additional data cable bulkhead	☐
Cooling Options	
External cooler 1.8 kW	■
External cooler 1.8 kW redundant	☐
Free cooling (for use in air-conditioned rooms)	☐
Security Systems	
IP monitoring system (space requirement 1 HU)	☐
Fire alarm/extinguishing system (space requirement 1 HU)	☐
Power Supply	
UPS system 3 kVA / 5 min. autonomy time (space requirement 2 HU)	☐
UPS system 5 kVA / 8 min. autonomy time (space requirement 3 HU)	☐
Battery Extensions	☐
Color Options	
Light gray body, gentian blue door	■
Special coatings at extra cost	☐

■ = standard / ☐ = optional

Subject to technical changes

Further information and online configurator at **itsafe.de**.

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