



Rittal – CS outdoor enclosures



All-weather professionals in a tough environment.



**There is the right clothing for every weather,
but only one for your technology.**



Whether it's heat, cold, moisture or polluted air, Rittal outdoor aluminium enclosures are all-weather units that stand up to all environmental influences.

Thanks to the stable design and extremely resistant surface coatings, your technology has a secure housing. A high protection class – even when optimised climate control is fitted to the enclosure – goes without saying.



Planning the supply of facilities is one of the most challenging tasks local authorities must deal with. In the area of services. For Public services, complex controls and regulations are designed to ensure continuous operation around the clock, independent of location, season and weather. Perfect protection for ultimate availability is paramount.

Specially developed for these applications, the outdoor technology from Rittal ensures comprehensive and long-term protection of all embedded components.

Regardless of whether it's for the energy or water industry, telematics or telecommunication – Rittal offers immediate delivery of high-quality aluminium enclosures that are suitable for nearly every application.

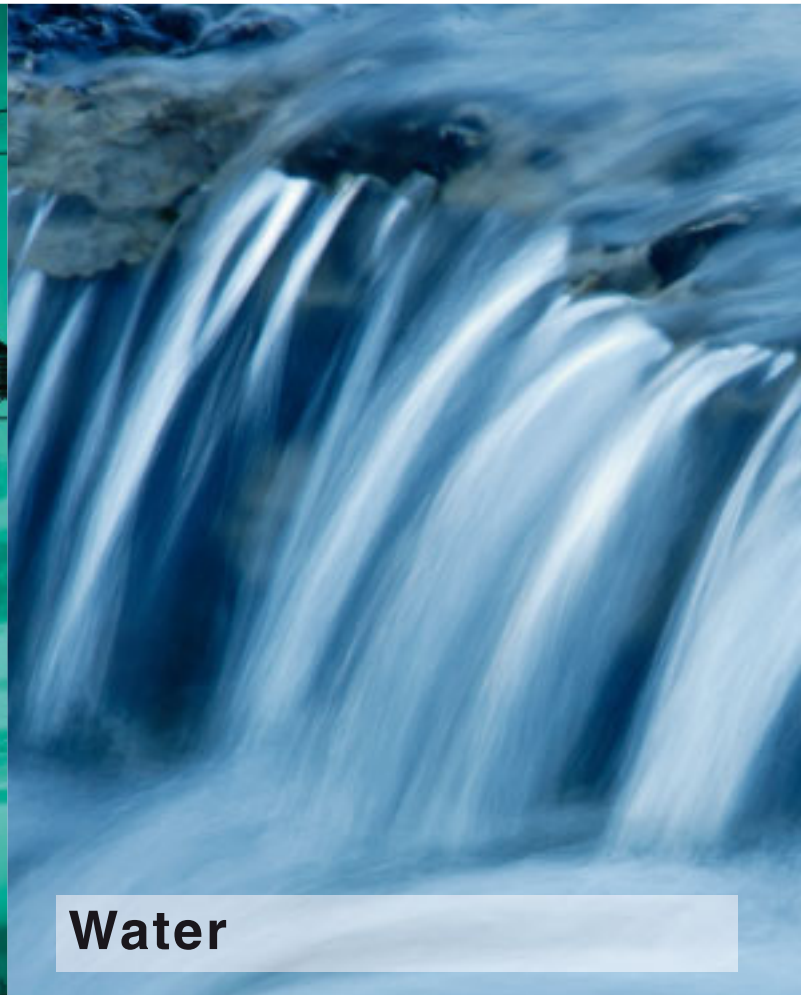
In addition, we offer individual solutions: Whether it's special colours, dimensions or adaptations of the climate control units – with our flexible product solutions, you are prepared for all requirements.

With every product and every solution from Rittal you benefit from the expertise and experience of a superior worldwide system provider in the fields of enclosure technology, system climate control, IT solutions and electronics.

Our regional product specialists provide support for all questions and wishes at one of our sales and logistics centres in your area or directly at your location.

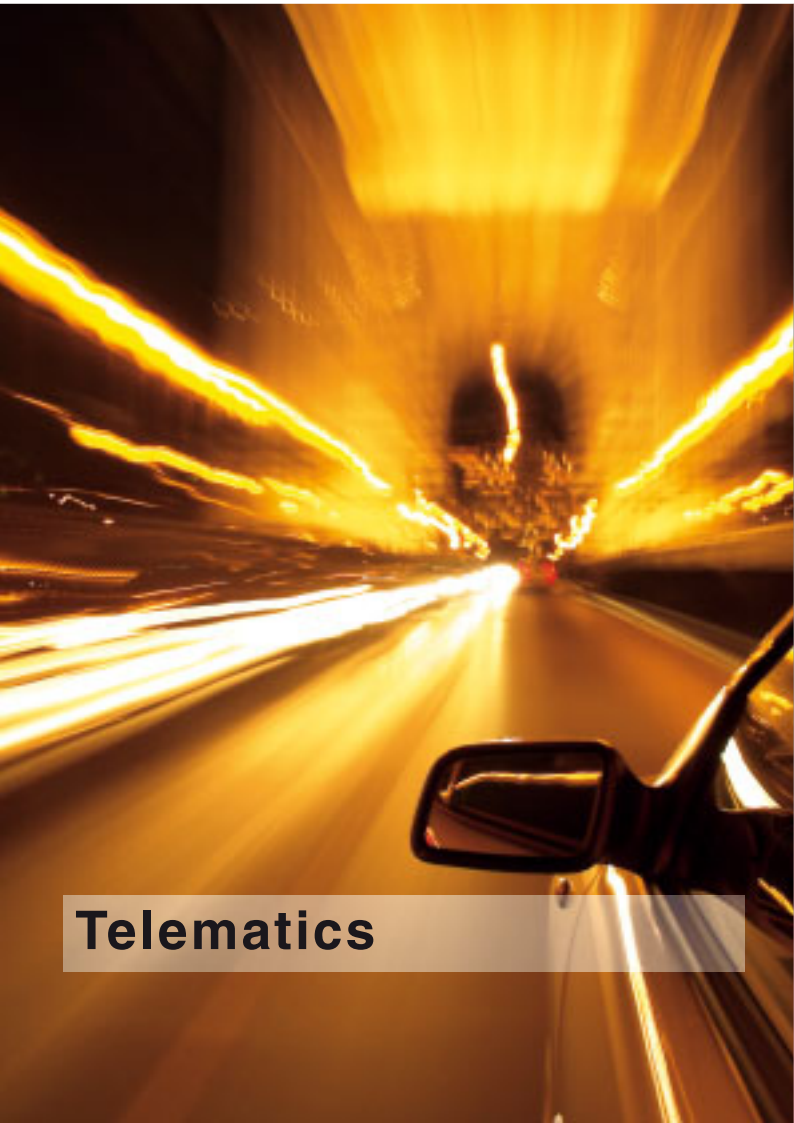


Energy

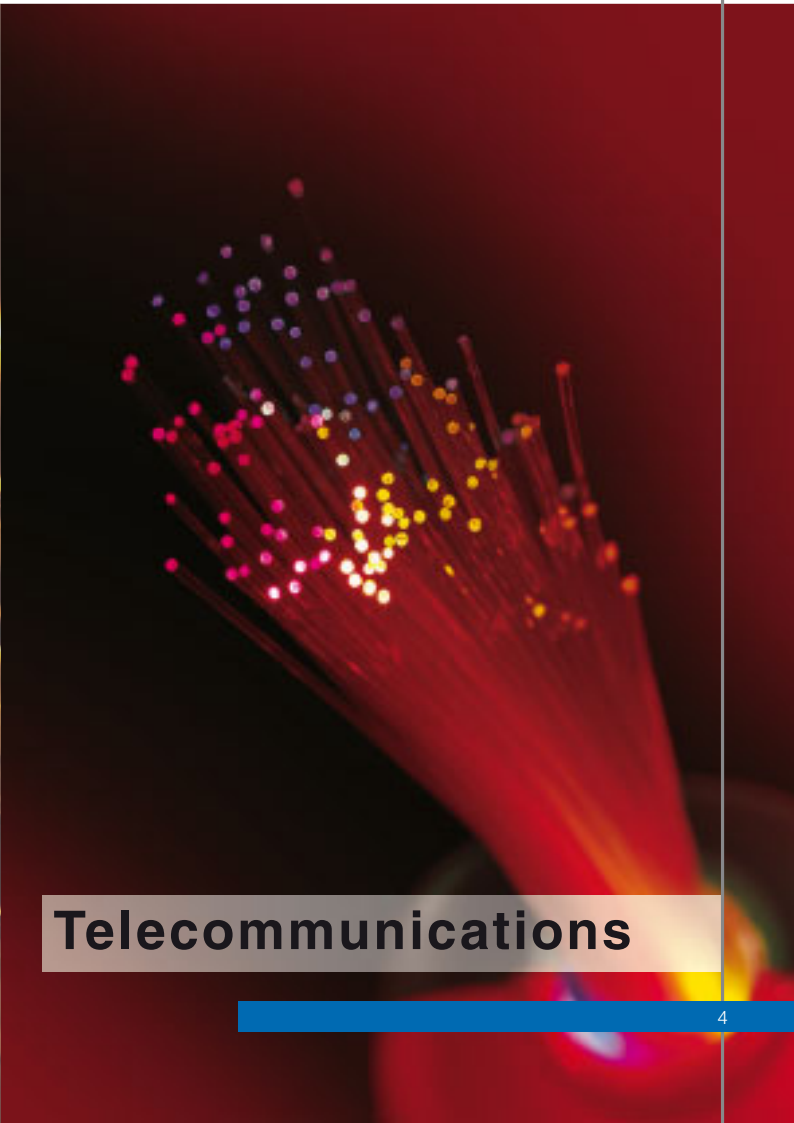


Water

**Rittal CS outdoor enclosures.
The secure home for valuable
utility and traffic control technology.**



Telematics



Telecommunications

Quality and flexibility pay off. Immediately and in the long term.

Exceptional corrosion protection through the use of aluminium as the base material

Quick and easy modification of the metal enclosures including size and colour variants

High degree of EMC protection due to the metal frame. Efficient and individually adaptable

Integrated climate control solutions

Modular design with standardised pitch pattern (25 mm system punchings)

Perfectly matched and well designed system accessories for quick system assembly

In addition to providing round-the-clock protection of valuable technology in spite of harsh environments, the enclosures must also adapt to the requirements of different application areas. As a result of an intelligent platform design, the product range of Rittal CS outdoor enclosures provides a wide variety of solutions and, at the same time, offers the advantages of quality and delivery time required for mass production.

Four aluminium enclosure types in various dimensions are available to you for immediate delivery. To enable this Rittal relies on the enclosure platforms of the indoor solutions that have proven themselves in extremely diverse applications. Whether it's mounting plates, 19" components or a mix of add-ons, we have a production solution for (nearly) every problem.



Energy

Energy

- Efficient climate control, for instance with geothermal heat exchangers from Rittal
- Rittal fuel cells – for primary or emergency supply of power
- Tested EMC safety
- Add-on solutions – superstructure design, existing infrastructure is maintained



Water

Water industry

- Material selection: Aluminium or stainless steel
- Product variety: Rittal wall-mounted and floor standing enclosures are available off-the-shelf in many sizes
- Sizes easily modified through an intelligent platform design



Telematics

Telematics

- Location-optimised combination of materials
- Surface protection through anti-graffiti effect
- Vandalism protection
- A large range of accessories for industrial and IT applications



Telecommunications

Telecommunications

- Low-noise climate control
- System integration up to Level 4
- Rittal Monitoring: remote control with Computer Multi Control CMC

Variety also extends to accessories



As a full-range provider for all types of industrial enclosures and IT enclosures, Rittal provides a wide range of accessories. Customers who are already deploying indoor solutions will feel immediately at home with their outdoor application, since accessories can be transferred with nearly no limitations.

**The quality of individuality:
Your project deserves a reliable partner.**





Project planning: The first step is to conduct a precise analysis of your requirements based on relevant factors such as location, function and technical status. The complete picture obtained in this way provides the basis for expert selection of suitable components and solutions.



Application engineering: You outline your requirements to our application consultants, and we show you ways of achieving them. In order to develop the most efficient solution, we will seek to clarify all key questions relating to systems and components as well as specific requirements and developments, e.g. in standardisation.



Customising/prototyping: Once the appropriate concept has been agreed with you, the corresponding enclosure and accessory systems from Rittal are put together for your individual application – if this is the ideal solution, Rittal will also implement a prototype for you. By working very closely with you, any optimisation required is implemented quickly and easily, and the prototype is manufactured to your precise requirements.



Trials/testing: The prototype undergoes an extensive programme of trials and testing in a Rittal test laboratory. Requirements such as mechanical load capacity protection from dust and humidity are tested, together with specific requirements such as extreme climatic conditions or tough environments. Your advisor will notify you immediately of the outcome of all these tests and checks. Any optimisation requirements are defined, implemented and then subjected to retesting.



Mass production: As soon as the prototype satisfies the functional reliability requirements, mass production will begin. Prior to delivery, every system undergoes further functional and safety tests in accordance with a specified plan, and is then given an approval which guarantees Rittal quality.



After-sales service: We remain at your service with on-site advice and support in your specific application field. This means that you can take advantage of our expertise and receive answers to any questions about the systems we supply – at any time.

You would like to replace old enclosures with new ones?

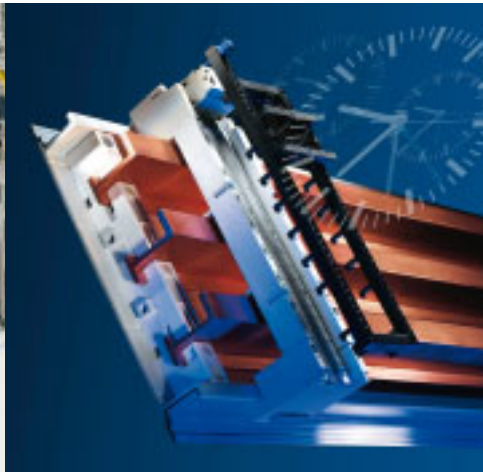
No problem with Rittal.

Use the add-on solution from Rittal. The existing infrastructure remains untouched. The new Rittal outdoor enclosure is built as a superstructure and uses the mounting points of the existing base.



Take advantage of the competence of the top provider of innovative housing and enclosure technology.





Rittal packaging is present in virtually all segments of industry and IT.

With more than 10,000 standard products available off-the-shelf and highly individual solutions, Rittal is synonymous with comprehensive, future-oriented solution-providing, service and advisory expertise. In addition to our outdoor competence, Rittal's product range comprises industrial enclosures, power distribution, electronic packaging, system climate control, IT solutions and Rittal Global Service.

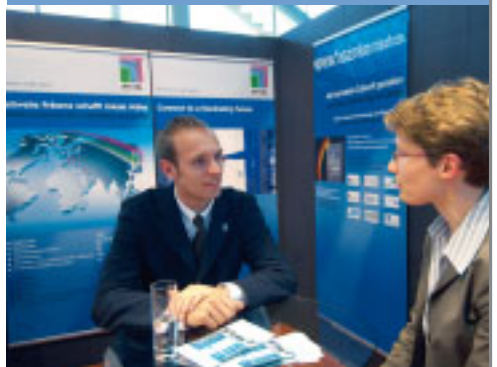
With more than 11,000 employees and 63 subsidiaries worldwide, Rittal is one of the global players among German companies. Of the 19 production facilities worldwide, 12 are located in Europe.

The consistent Rittal quality philosophy has resulted in internationally recognised certification, for example DIN EN ISO 9001:2000. One decisive contribution to such certification is the careful handling of valuable natural resources and subsequent protection of the environment and public health. This convincing integration of economics and ecology at Rittal has been confirmed in certification to DIN EN ISO 14001:2004 and OHSAS 18001:1999.

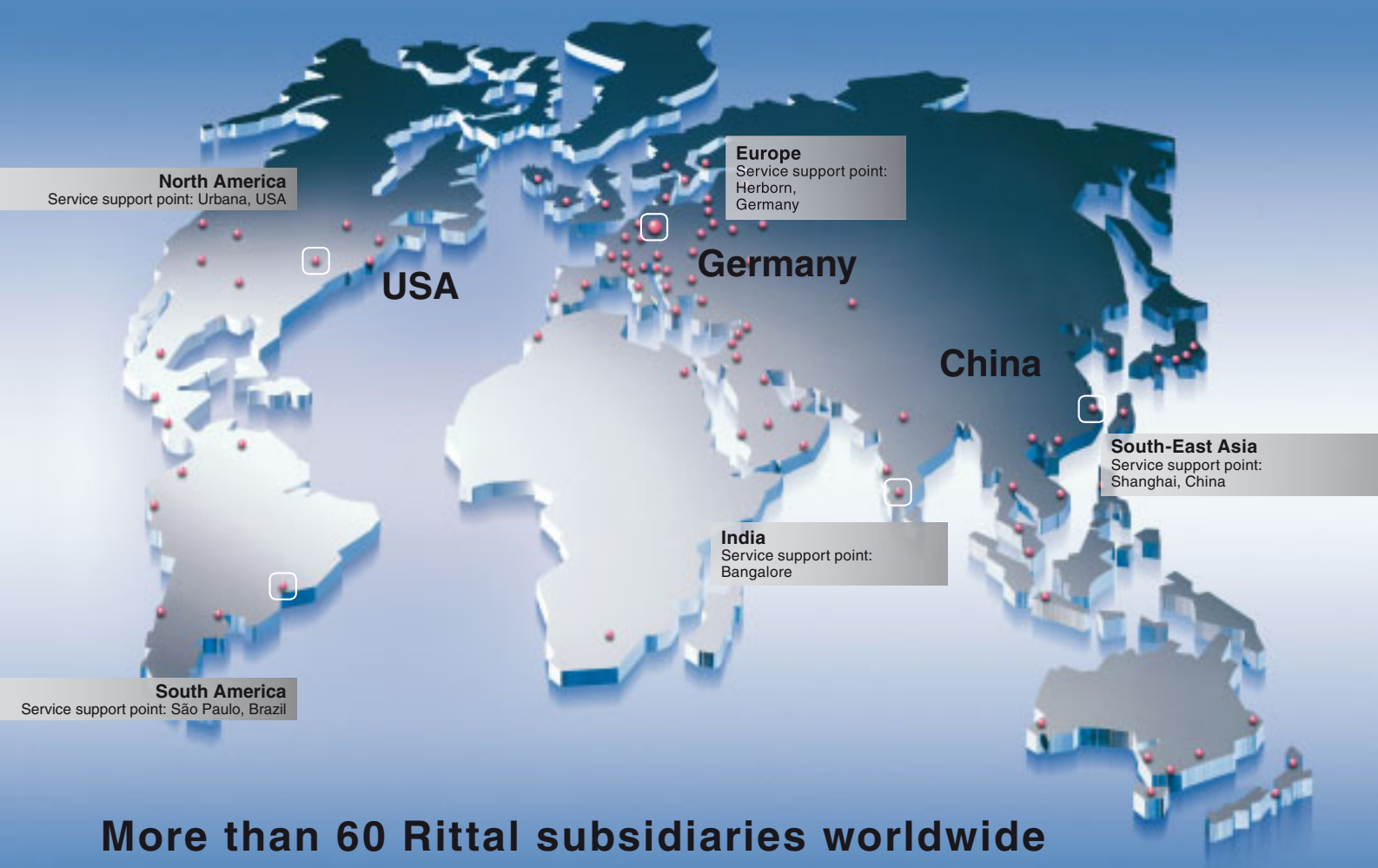
The strengths and advantages of Rittal at a glance:

- Global distribution and service strength thanks to our worldwide presence.
- Permanent innovations thanks to constant dialogue with customers.
- High quality standards thanks to high-tech production.
- Cost-effective product diversity thanks to platform technology.

In spite of globalisation, we have remained close to our customers:



Our regional specialists provide support for all of your questions and requirements at one of our sales and logistics centres in your area or directly at your location.



More than 60 Rittal subsidiaries worldwide

With more than 200 locations worldwide for a truly global service.

Five global service support points in all the world's economic hubs, more than 60 subsidiaries and over 200 partners worldwide – these figures sum up the global service from Rittal. Because when it comes to service, nothing is more important than customer proximity, peace of mind and reliability.

From Europe to the USA and South America, to China and India: Wherever you are using a Rittal product, we will take care of it. Rittal service engineers around the world are all trained to the same high standards of performance and quality, and are at your service 24 hours a day.

Further information can be found at www.rittal.com

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