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## **Rittal's Hygienic Solution for Large Control Systems**

**Rittal's Hygienic Design System enclosures combine the features of their Hygienic Design Compact enclosures with a modular, bayable configuration.**

**They deliver a flexible and hygienic solution that protects installed electrical and electronic equipment, even in washdown areas.**

**The addition of standard accessories from Rittal's TS 8 range, plus the flexibility afforded by baying, as well as the ability to swap the door handles, gives users a solution that can be tailored to suit even complex control systems in production clean rooms.**

The Hygienic Design System enclosure eliminates dead space and dirt traps, which reduces the risk of both direct and indirect cross-contamination.

Features that help improve hygiene levels include:

- Hinge and lock components located inside the seal face
- Internally secured sloped roof and side panels
- Blue-dyed silicone seals
- Special protruding lock inserts
- Hygienically designed accessories, including glands, levelling feet and viewing window

The lack of dead space and dirt traps makes cleaning easier, the more so because the roof is angled at 30 degrees and all gaps are at least finger-sized.

The enclosure has an ingress protection category of IP 59K. As such, it shields installed equipment from dust, dirt, and powerful, high-temperature, water jets, during production and cleaning, even in washdown areas.

As a result, the Hygienic Design System enclosure can have major business benefits. By making cleaning easier, and better protecting electrical and electronic components it reduces both scheduled, and unplanned, downtime. This means it can increase uptime and improve productivity while contributing to creating a hygienic production environment.

Further information at [www.rittal.co.uk](http://www.rittal.co.uk) and [www.friedhelm-loh-group.com](http://www.friedhelm-loh-group.com) or on twitter @rittal\_ltd.

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**Image:**

Picture shows: Rittal Hygienic Solution for Large Control Systems

**Notes**

Rittal, headquartered in Herborn, Hessen, Germany, is a leading global provider of solutions for industrial enclosures, power distribution, climate control and IT infrastructure, as well as software and services. Systems made by Rittal are deployed across a variety of industrial and IT applications, including vertical sectors such as the transport industry, power generation, mechanical and plant engineering, IT and telecommunications. Rittal is active worldwide with 10,000 employees and 58 subsidiaries.

Its broad product range includes infrastructure solutions for modular and energy-efficient data centres with innovative concepts for the security of physical data and systems. Leading software providers Eplan and Cideon complement the value chain, providing interdisciplinary engineering solutions, while Rittal Automation Systems offers automation systems for switchgear construction.

Founded in Herborn in 1961 and still run by its owner, Rittal is the largest company in the Friedhelm Loh Group. The Friedhelm Loh Group operates worldwide with 18 production sites and 78 international subsidiaries. The entire group employs more than 11,500 people and generated revenues of around €2.2 billion in 2014. For the seventh time in succession, the family business has won the accolade "Top German Employer" in 2015.

Further information can be found at [www.rittal.com](http://www.rittal.com) and [www.friedhelm-loh-group.com](http://www.friedhelm-loh-group.com).