

Safety & Connectivity for the Automotive, Appliance & HVAC Industry



2020 marked a new era in Canada for the Automation and Manufacturing sectors, as they ramped up in two key areas to weather the storm. Security and Connectivity were major elements in the success of companies who came out on top, and Linear Automation, Inc. was one of these organizations! With an almost 30% increase in their utilization of Rittal's TS 8 and Blue e+ climate control solutions in 2020, Linear has solidified its world-class service to their international clients, including 5 of the global top 10 automotive OEMs, global appliance and HVAC manufacturers.

Linear's goal has always been to establish itself as one of the leading automation manufacturer in the world, committed to the highest in quality, performance and service at a competitive cost. Established in 1994, Linear serves the automotive, appliance, HVAC, outdoor power equipment, renewable energy, and consumer goods industries with sales and service locations in the US, Canada, Mexico, Brazil, China, Thailand and the UK.

Path to progress



Linear ensures that their customers receive the optimum solution for their requirements. Linear achieves this by putting their customers' needs first and working with their partner suppliers to ensure that each component and device is class leading, globally available and reliable. Their goal is to ensure whatever model or type of automation that is procured from Linear, it is always consistent, reliable and globally supported.

Rittal is part of that promise, to work with industry-leading partners, with globally available solutions, globally supported with the highest quality and reliability. "One of the biggest advantages in partnering with Rittal is that they are continually updating and enhancing their products to meet the challenges of this era, with solutions that are secure, standardized, consistent and

innovative to meet ours and our customers' needs," says Rama Jayaweera, President, Linear Automation Inc.

Added Andre Bousette, President, Rittal Systems Ltd. "Rittal realises that now more than ever, we need to ensure that our products are IoT-connected so that our customers can have that extra level of security and peace of mind in knowing that they can monitor and track their cooling solutions. It is imperative to ensure that equipment inside enclosures is well protected from over-heating, which could cause delays or shut-downs, a major threat to any plant."

Solutions for speedy success

For over 20 years, Linear has purchased Rittal's TS 8 enclosures and accessories from plinths to comfort handles, along with Rittal's top of the line Blue e and Blue e+ air conditioners to cool the enclosures, providing world leading energy savings. They have also invested in Rittal's junction boxes, TP Consoles and pendant arms.



Decisions 'based on experience'

"The main reason why we trust Rittal is 'based on experience', says Mr. Jayaweera of Linear. "Rittal has come through for us time after time, when other suppliers either failed to provide the equipment on time, or their equipment failed!"

Rittal has pioneered the concept of modular enclosures, which open up a host of benefits. Modular, scalable enclosures can be easily bayed or attached together, saving valuable space on the plant floor and in the assembly line. Rittal makes assembling enclosures extremely easy. Linear performs bulk buys on the Rittal Enclosures which allows the Production team at Linear to prebuild the panels for jobs, to decrease the time in a production schedule. Moreover, Rittal's enclosures are flexible and easily accessible from the reverse, with easy

wiring capability. The global service network of Rittal is an added bonus especially as Linear has international clients and global locations, so they can easily access Rittal's parts, service and repair facilities anywhere in the world.

Linear highly values Rittal's Modification centre based in Mississauga, with their state of the art Perforex machine that renders smooth cut-outs with laser precision for a clean-looking panel, and enables them to provide modified enclosures quickly and efficiently. In addition, Rittal has a large warehouse in Mississauga that stocks adequate equipment, so Linear is impressed that enclosures and cooling units arrive within their designated delivery times.

The safety factor is also important to avoid accidents on the plant floor, and Linear is aware that Rittal's flange mount disconnect switch is a large contributor to the safety of their employees and customers.

Software powers the Systems



The fact that Linear has access to Rittal's various IoT-enabled devices, software and configuration tools really makes the whole process very smooth and seamless for selecting and procuring. The ability to download CAD drawings for large enclosures through Rittal's Cadenas tool, or to use the RiCS tool to configure smaller enclosures, is a major advantage for Linear, as it simplifies the design engineering process.

Safety and Connectivity to stay ahead of the Crisis

Linear knows that they can always rely on Rittal's products and solutions because of their dependable track record for innovative and cost-effective products. With proven technology and solutions that are

designed to be the most reliable, robust and flexible in the market, and a quest for even higher levels of advancement, Linear and Rittal are certainly changing the face of the Automation industry, and partnering to offer secure, connected solutions in the current crisis, to stay ahead of the curve!

About Rittal Systems:

Rittal Systems Ltd., headquartered in Mississauga, Ontario, is the Canadian Subsidiary of Rittal GmbH & Co. KG, with headquarters in Herborn, Germany, and is one of the world's leading system suppliers for enclosures, power distribution, climate control, IT infrastructure and software & services. Customers from all sectors of industry, from mechanical and plant engineering, as well as from the IT and telecoms market are making use of system solutions from Rittal. Founded in 1961, Rittal is now active worldwide with 10 production sites, 63 subsidiaries and 40 agencies. With 10,000 employees worldwide, Rittal is the largest company of the proprietor-run Friedhelm Loh Group of Haiger, Germany. www.rittal.ca

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