HARTING will be discussing their range of innovative connectivity solutions at the online Smart Factory Expo from the 9-13 November 2020.

Their product and market specialists will be on hand to discuss the benefits of modularisation in the modern smart factory, including adaptable production methods, reduced maintenance downtimes and shortened set up times.

HARTING are renowned for their modular solutions, which improve flexibility and allow users to perform non-disruptive maintenance. The Han-Modula range enables you to produce a bespoke connector by combining individual modules for different transmission media, such as signals, data and power. You can even use the innovative Han Configurator tool to quickly design interfaces for your specific applications.

Pushing Performance

In addition, there will be areas dedicated to robust and space-saving solutions for fast Ethernet, device connectivity and industrial cabling. The ix Industrial is a compact interface that delivers Cat. 6A performance for 1/10Gbit/s Ethernet. The ix complies with IEC 61076-3-124 and conforms to the shock and vibration resistance levels set out in EN 50155 railway specifications, making it the perfect solution for a range of markets.

There will also be information about Single Pair Ethernet (SPE), one of the technological cornerstones that will shape the success of the IIoT. The factory of the future will require high data streams and the industrial sector needs connectivity solutions which adapt themselves to increasingly growing demands.

SPE, delivered via HARTING's T1 Industrial connector, allows equipment to connect via end-to-end IP-based communications right up into the field level. The T1 Industrial supplies both data and power via Power over Data Line (PoDL) across a single pair of wires in an IEC 63171-6 industrial interface, bringing Ethernet from the cloud to every sensor and enabling Industry 4.0.

Space-saving and weight reduction benefits achieved by the move to a single pair of wires means the compact T1 can be easily incorporated into smaller products and Ethernet interfaces can be designed onto simple sensors, cameras, reading/ID devices or similar miniaturised equipment.

In addition, you can learn more about HARTING Customised Solutions, which combines market-leading products and expertise to develop components tailored to specific requirements. They work closely with customers to plan, design, test and produce a wide range of bespoke products such as cable assemblies, hoods, housings and cabling from their manufacturing facility in Northampton.

To learn more about our products and solutions, please visit: https://www.harting.com/UK .