

Fully integrated or stand-alone safety system

The S-Dias Safety system from Sigmatek is fully configurable. It can be integrated into the Salzburg manufacturer's automation system, but can also be used as a stand-alone component with third-party systems. It comes with CAN.

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(Photo: Sigmatek)

Within the company's systems, standard and safety-relevant data are transmitted via the same network. When used as a stand-alone solution, any standard control can be configured to receive states via CAN network. The double wiring, as in an integrated solution or classic safety circuits with relays, is thereby eliminated.

The selection of components in the S-Dias format contains the Safety controller, Safety I/Os and drives with safety functions. This allows the solution to be customized to the safety-relevant application. The construction enables the use of the solution in smart machines and systems with optional modules. The product is also ideal for mobile applications, since data can be transmitted via cable or wirelessly.

For programming and configuring the system, the Lasal SafetyDesigner provides a tool that can meet the requirements up to SIL CL 3 (in accordance with EN 62061) and PL e, Cat. 4 (in compliance with EN ISO 13849-1/-2). It can be integrated into the object-oriented engineering environment Lasal, but can also be used as a stand-alone solution with any PLC. The company shows its products at the [SPS IPC Drives](#) 2018 in Nuremberg, Germany in hall 7, stand 270.

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