

IOT EDGE GATEWAY DATAEAGLE 7051

Retrofit: Cloud Connectivity for Machines

The IoT Edge Gateway transmits data from control units to a Cloud. Operating with a globally applicable eSIM card the DATAEAGLE 7051 enables to network sensors, machinery and production facilities on a global scale. This opens up a range of new application areas, like analysing data in real-time or remote monitoring of facilities and buildings (Predictive Maintenance). The gateway itself is designed for cost-effective operation: Pre-processing and minimizing the plc data it receives to lower transmission costs and sending data at a flat rate, regardless of its location. Optimal global operability is secured by using mobile radio, a solution that offers the highest network coverage globally, together with simple and precise billing. End-to-end encryption ensures maximum data security.

Accon-AGLink by Delta Logic is a well-known communication library that is used for a smooth data exchange between the plc world and industrial PCs. The DATAEAGLE 7051 with Accon-AGLink integrated is able to request data from Siemens control units via the Device Cloud. Service people with plc know-how don't have to be local anymore. The DATAEAGLE 7051 gets relevant parameters over the air (OTA) from the Device Cloud the DATAEAGLE Portal.

The following Siemens plcs are supported:

S5, S2-200, S7-300/S7-400 (H), S7-1200/S7-1500 and S7 compatible plcs such as Vipa, Saia, Berthel, LOGO! 0BA7, LOGO! 0BA8, SINUMERIK 840D, MicroMaster and SINAMICS and devices with the protocol 3964/3964R, RK512, or RFC1006.

