straton is a flexible IEC-61131-3-based PLC and data processing environment for embedded platforms, developed and maintained by COPA-DATA France (formerly COPALP). straton is composed of a development tool kit, an integrated development environment, and a runtime. The development tool kit offers custom integration of the straton Runtime onto any hardware platform, regardless of the hardware configuration and operating system. Applications are realized in an IEC 61131-3 compliant environment. In addition, tools are available for fieldbus configuration, automated project engineering and online diagnosis. straton Runtime carries out deterministic processing of the IEC 61131-3 application. straton also includes a range of communication stacks such as Modbus, Profinet, BACnet, CANopen, Powerlink, IEC 61850 and IEC 60870. Mainly dedicated to OEMs, hardware and software manufacturers, straton is available both as a full package and as individual software components. The powerful integration of straton with COPA-DATA’s automation software zenon allows a seamless extension of applications from field to SCADA level.