straton soft PLC

A complete solution for embedded systems

STRATON AUTOMATION offers an efficient solution for all equipment manufacturers who wish to integrate a PLC function and/or communication protocols into their electronic equipment. The straton Embedded solution makes it possible! It allows to integrate all of STRATON AUTOMATION's expertise in a stable and powerful environment in only 2 days!

HMI through browser

Web HTML5 nodeRED...

straton Editor

Ethernet

Embedded HMI

straton

straton PLC

SQL Database

CAN

IOs

Drives

Integrate control-command functionalities or communication protocols into your equipment with straton

Connectivity

The straton software supports many communication protocols allowing to easily connect to your field networks. straton also offers wizards to simplify the configuration of your external equipment.
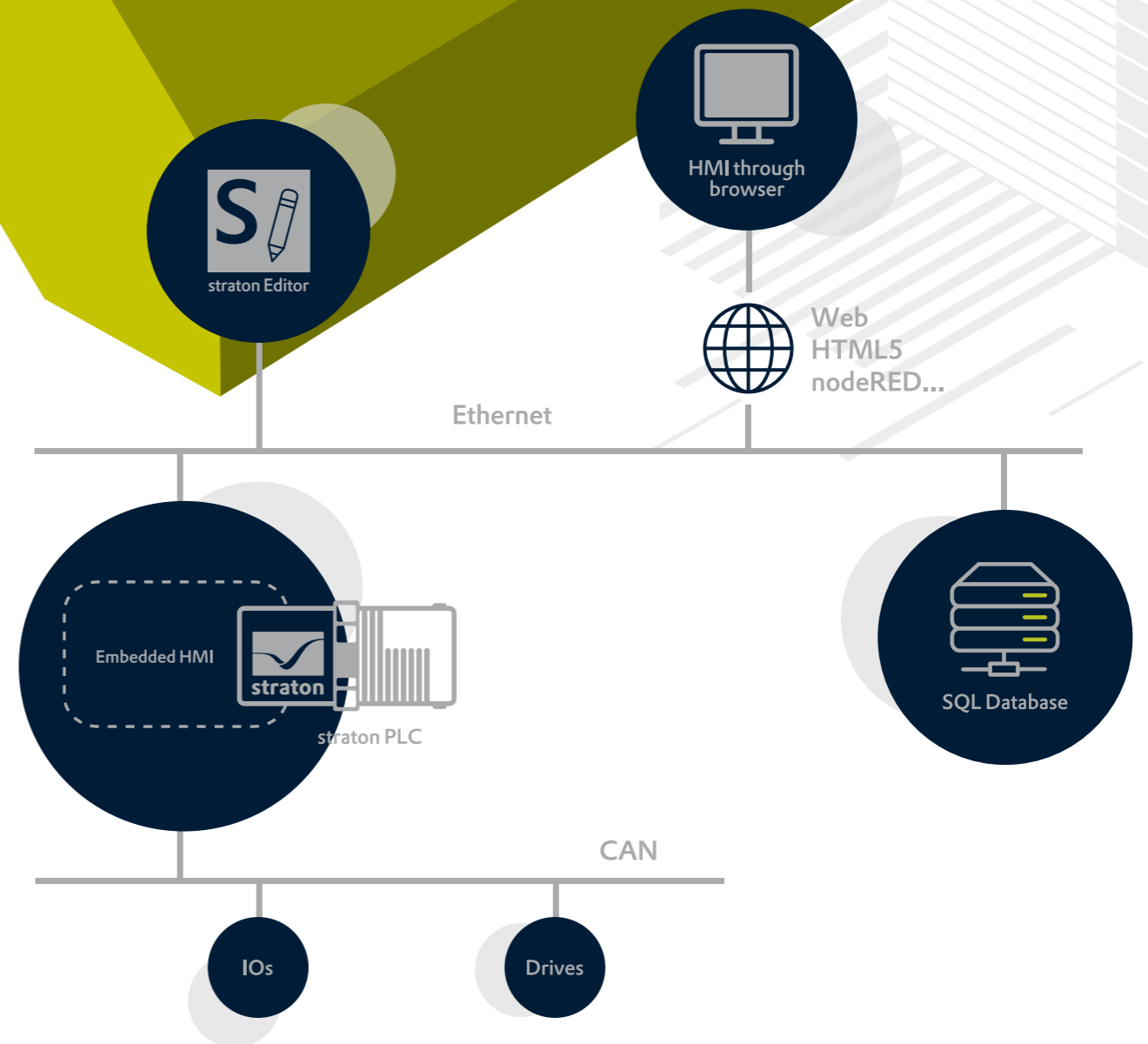
Portability

With a memory footprint of only a few kilobytes, the straton runtime can be easily integrated on any type of hardware, with or without an operating system. This will allow you to make no concessions on the number of elements to be integrated into your product.

Independence from material

The straton software is completely independent. Users will then be able to change hardware as many times as they wish during the life cycle of their products, without having to reprogram the application and at no extra cost.

Performance

The straton editor includes numerous function block libraries reducing programming time. The automatic IEC 61131 project generator, the import tools as well as the various configuration wizards are indispensable tools for fast and reliable development of your applications.

Our software

▸ Ease of use and programming
▸ Guided development
▸ Intuitive interface
▸ Complete development environment
▸ IEC61131-3 Programming
▸ Low memory footprint
▸ Remote or integrated SQL database
▸ JSON data server for web-based HMI

Our know-how

▸ Available and reactive team
▸ More than 18 years experience in the on-board industry
▸ More than 300,000 licenses sold worldwide
▸ Training courses and workshops
▸ Engineering and specific development

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ABOUT STRATON AUTOMATION

STRATON AUTOMATION is the editor of the straton® software designed to cover all areas of Industry and automation control, from small embedded solutions to virtualized logic. Our customers are machine or device manufacturers (OEMs).

Founded in 2002 and subsidiary of the COPA-DATA group, the French company STRATON AUTOMATION is made up of experts who have been working in this field for more than 30 years in order to propose today a complete solution. More than 300 000 licenses have been sold worldwide.

straton
by COPA-DATA