

# STARBOX SMART



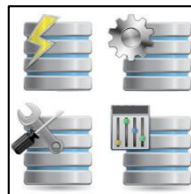
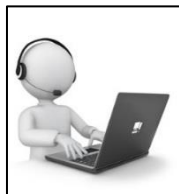
## Gateway for remote control

Starbox Smart is the GATEWAY + industrial router on Linux platform specialized in remote monitoring via Web. Thanks to this device manage machines and plants spread over the territories becomes very simple.



You can check the behavior of your products in real time by performing tele-diagnosis.

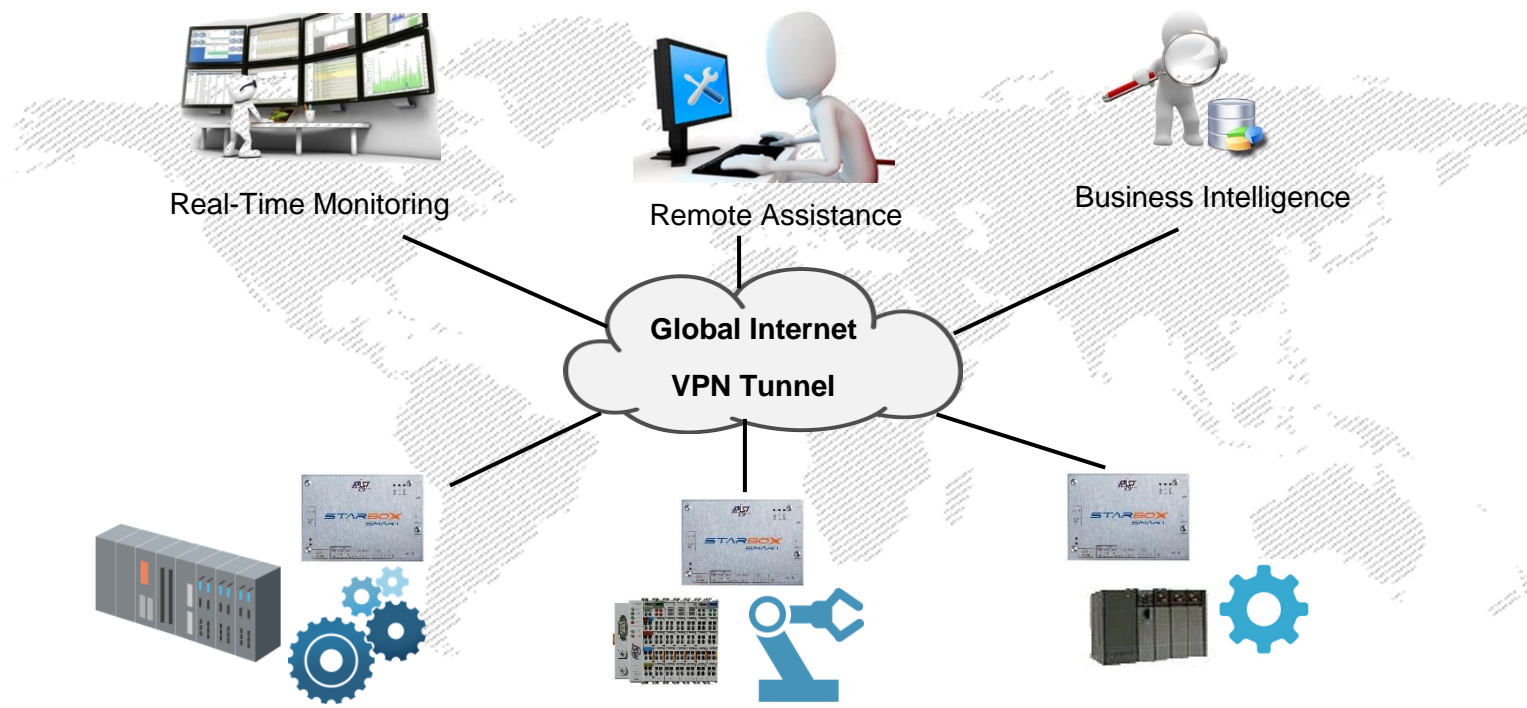
- Remote assistance and remote control of machines/systems
- Real-time monitoring Alarm notification by SMS/e-mail
- Real-time monitoring embedded using Web server
- Automation Logics
- Data Logging
- Business Intelligence



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## FUNCTIONS

Industrial Gateway/router
Secure and confidential communications based on TCP/IP protocols on VPN Tunnel
Virtualization of local ethernet and serial communications
Protocols supported MODBUS RTU/TCP, OMRON, SIEMENS S7, MBUS, DLMS, IEC 60870
Generation of alarms and events
Remote real-time monitoring using browser Web
RTU/Data logger with historical data recording
Connection to centralized supervision SCADA system and/or Web portal
Control logic implementation using ladder logic on board



## HARDWARE

COMMUNICATION PORTS	1 RS232 2 RS485 (configurable as 1 RS422 port) 1 Ethernet 10/100 Mb/s 2 CANBUS 2 USB
DIGITAL INPUTS	3 DI 10-30 V DC optoisolated and with protection ESD ± 15 KV
DIGITAL OUTPUTS	2 DO 10-30 V DC optoisolated and with protection ESD ± 15 KV
ANALOG INPUTS	8 AI 12 bit 0-10 V DC
EXPANDIBILITY	up to 160 DI, 64 DO, 32 AI, 16 AO with MODBUS RS232 / RS485 / RS422 / ETHERNET / CANBUS
POWER SUPPLY	10 - 30 V DC
ENVIRONMENTAL CONDITIONS	-20°C + 70°C
CERTIFICATION	<b>CE</b>