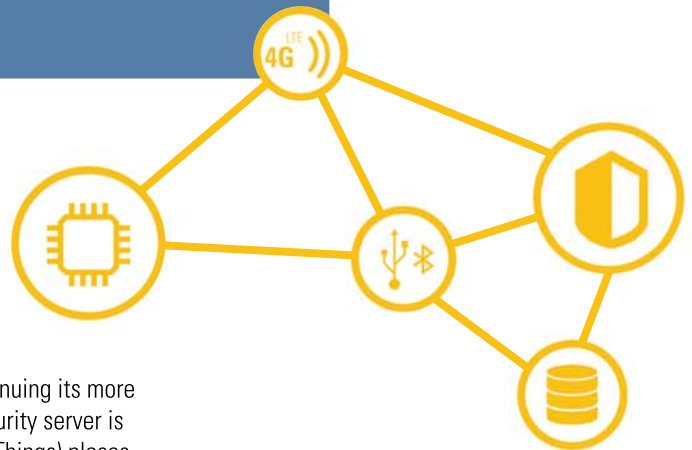




# MIP 58x Security server



With the MIP 58x security server, SCHRAML is consistently continuing its more than 30 years of successful MIP product series. The MIP 58x security server is perfectly equipped for the requirements that the IoT (Internet of Things) places on the water industry in terms of data volumes and performance:

- ▶ with an **extremely powerful quad core processor** of the latest generation
- ▶ with very **large storage capacities**
- ▶ an **integrated LTE modem**
- ▶ a **WLAN interface** e.g. for mobile HMI
- ▶ and for the first time onboard on a MIP: **8 digital inputs**

Put your trust in the MIP 58x security server if **failure security and high availability, alarm security, operational security and IT security** of your control centre and local control technology are important to you.

Use the MIP 58x security server, a robust, durable, easy to set up and maintain **redundancy solution** for your process control and remote control technology. Save yourself the time-consuming installation and maintenance of PC redundancy systems. Rely on the high IT security that the MIP 58x guarantees through its strict **network separation** of the office / control system level and the automation level.

Trust in the "double bottom" of the MIP 58x for your system!



# Technical specifications

MIP 580	MIP 584	MIP 586	MIP 588
up to 1,750 PVs	up to 5,000 PVs	up to 15,000 PVs	over 15,000 PVs

Performance features	
Operation and control of the system in the event of failure of the control system PC (with HMI)	●
Assurance of remote alarming in the event of failure of the control system PC	●
Loss-free storage and processing of all measured values and messages in the event of failure of the control system PC	●
Increased IT security: Protection of the automation level against attacks and malware through network segmentation (strict separation from the office level)	●

General information	
Processor	Quad Core ARM 1.2 GHz
RAM	1 GB
Operating System	Linux
Compatible from AQASYS version	9.3
Number of digital inputs onboard	8
Data transmission	
Integrated LTE modem	●
Interfaces	
LAN	2
WLAN	●
Serial / RS232	2
USB	1
RS485	1
HDMI	●

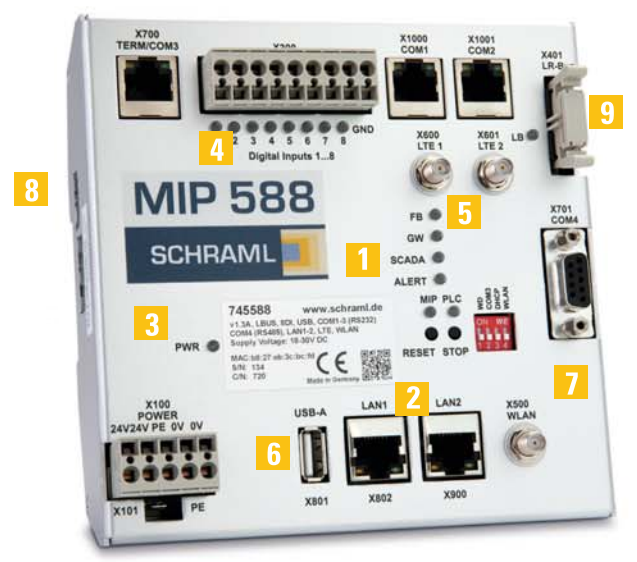
PLC function and coupling	
PLC function	CODESYS V3, IEC 61131-3
PLC couplings	all common PLCs

Storage	
Storage capacity	for 14 days archive depth (report archive); for measured value archive entries max.: AI+AO: 10 million I DI+DO: 2 million I C: 2 million

Installation and operation	
Dimensions (width x height x depth in mm)	144 x 142 x 50
Power supply	24 V DC
Other	DIN rail mounting   buffered real-time clock

External input / output modules	
Number of I / O cards that can be expanded directly via the bus	10 can also be expanded using a bus coupler

- 1 Extra large storage capacity for secure data storage for an archive depth (report archive) of 14 days
- 2 High IT security through strict network separation of the DCS network and automation network
- 3 High-performance Quad core processor
- 4 8 digital inputs onboard



- 5 Integrated LTE modem (Mini-SIM)
- 6 USB interface
- 7 WLAN interface
- 8 HDMI interface
- 9 L-Bus for coupling I / O modules