

ICX-COMTOM-R3.0

Technical Specifications

General:

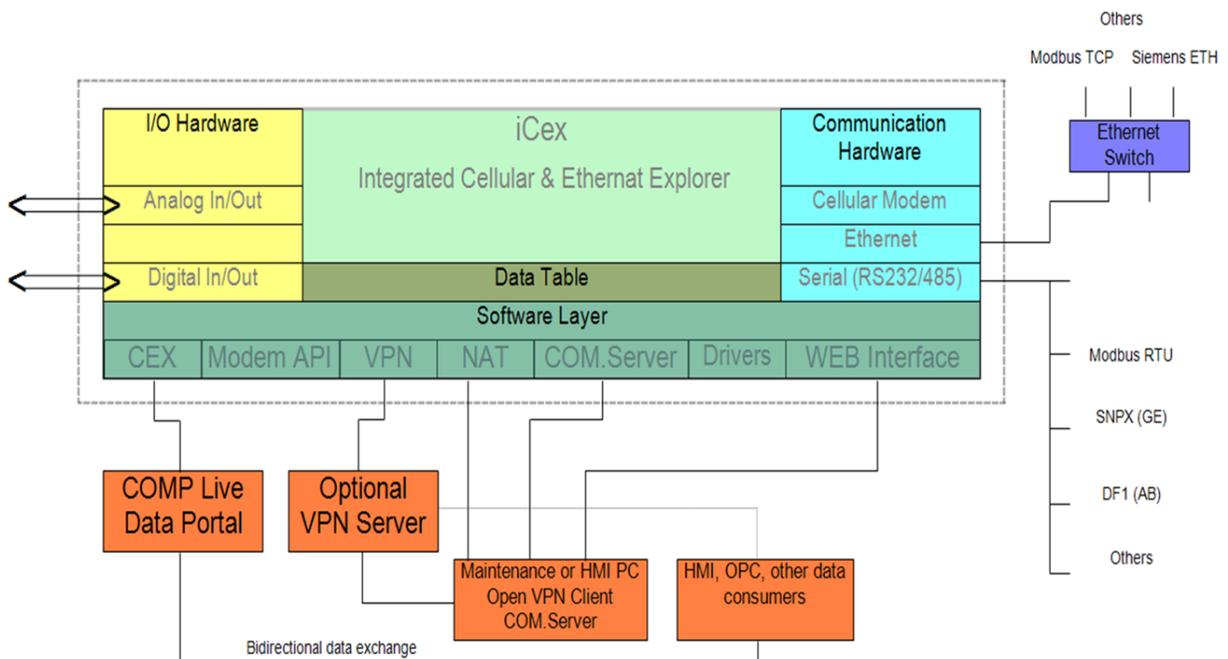
iCEX (Integrated Cellular and Ethernet explorer) is a Series of Embedded or Encapsulated Smart Data Producers. They explore data from sensors, analyzers, PLC and other devices over I/O, Ethernet or Serial protocols, and link them to the internet (RealiteQ Central On-Line Management Portal -COMP) by any cellular, satellite, Ethernet or other connections.

There are several iCEX models with different features to cover any specific site needs.

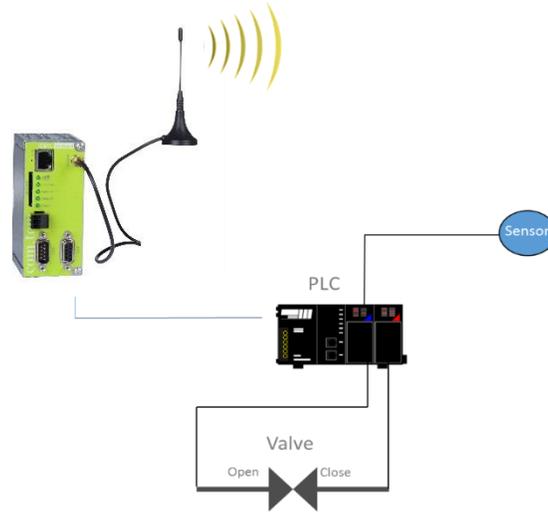
ICX-COMTOM-R3.0 is basic model, designed for cellular communication via GSM/GPRS.



iCEX Internal block diagram



iCEX R3.0–Typical installation



Common specs:

Ethernet	1 x 10/100Base/T, RJ45 connector with traffic and link LED
Serial Interface	1 x RS232/485 (D-SUB 9 pins connector)
Supply voltage	10-30 VDC
Operating system	IPC@CHIP® RTOS
Status LEDs	5 (power, connect to GSM network, Internet, COMP, and devices in the field)
Operating temperature	0-55 °C
Size (W x L x H)	46 x 105 x 70 mm 1.8 X 4.2 X 2.8 Inch
Material	Continuously hot-dip aluminum-zinc coated steel sheet (DIN EN 10215)
Mounting	35 mm DIN rail
Additional function	c/c++

Specific ICX-COMTOM-R3.0 properties:

Modem	Quad band GSM (850/900/1800/1900 MHz); (SIM card interface in the back)
Second Serial port	None
CAN Interface	1 x CAN
Active current	Max 120mA @ 24VDC
Analog I/O	none
Digital I/O	none