CONNECTIVITY
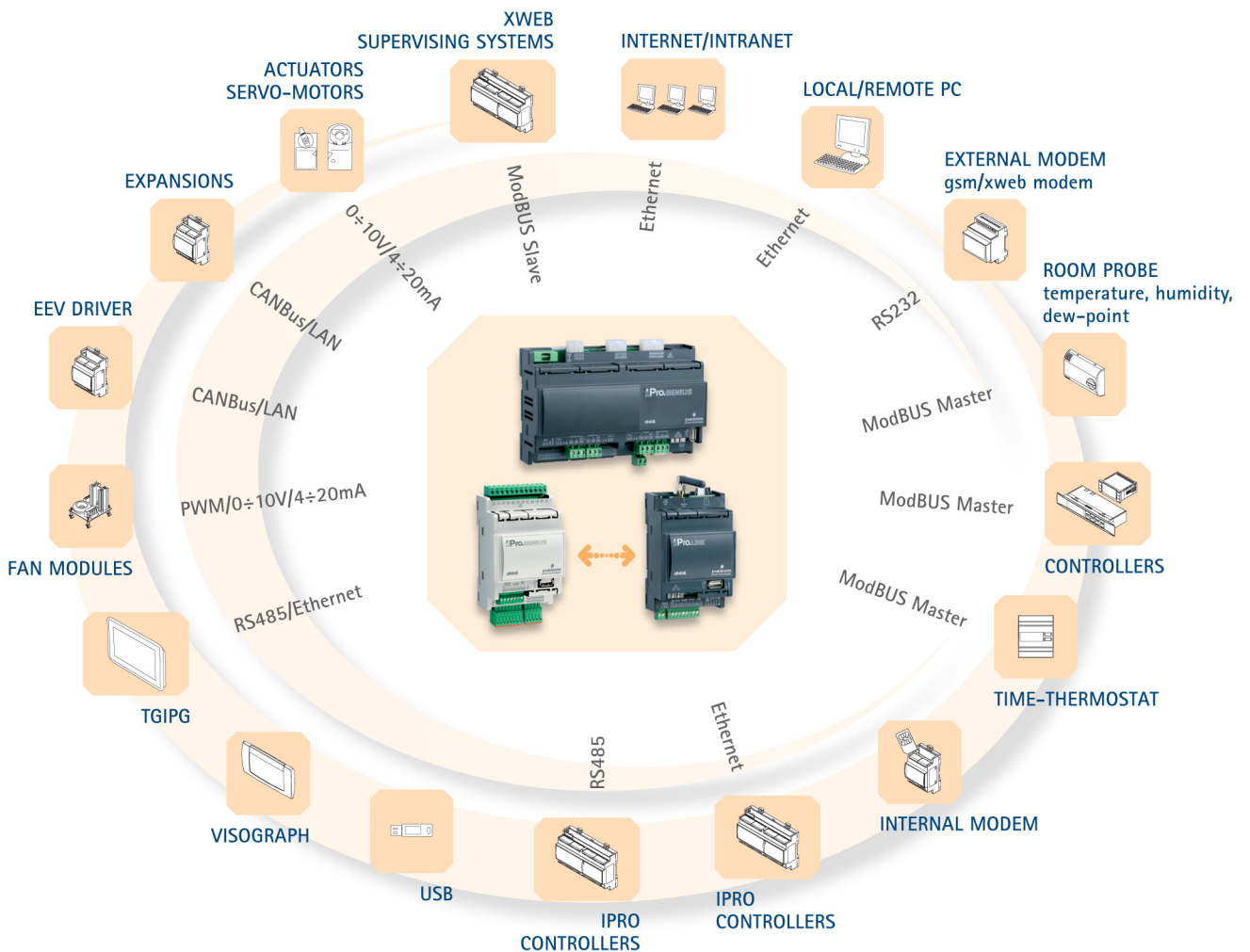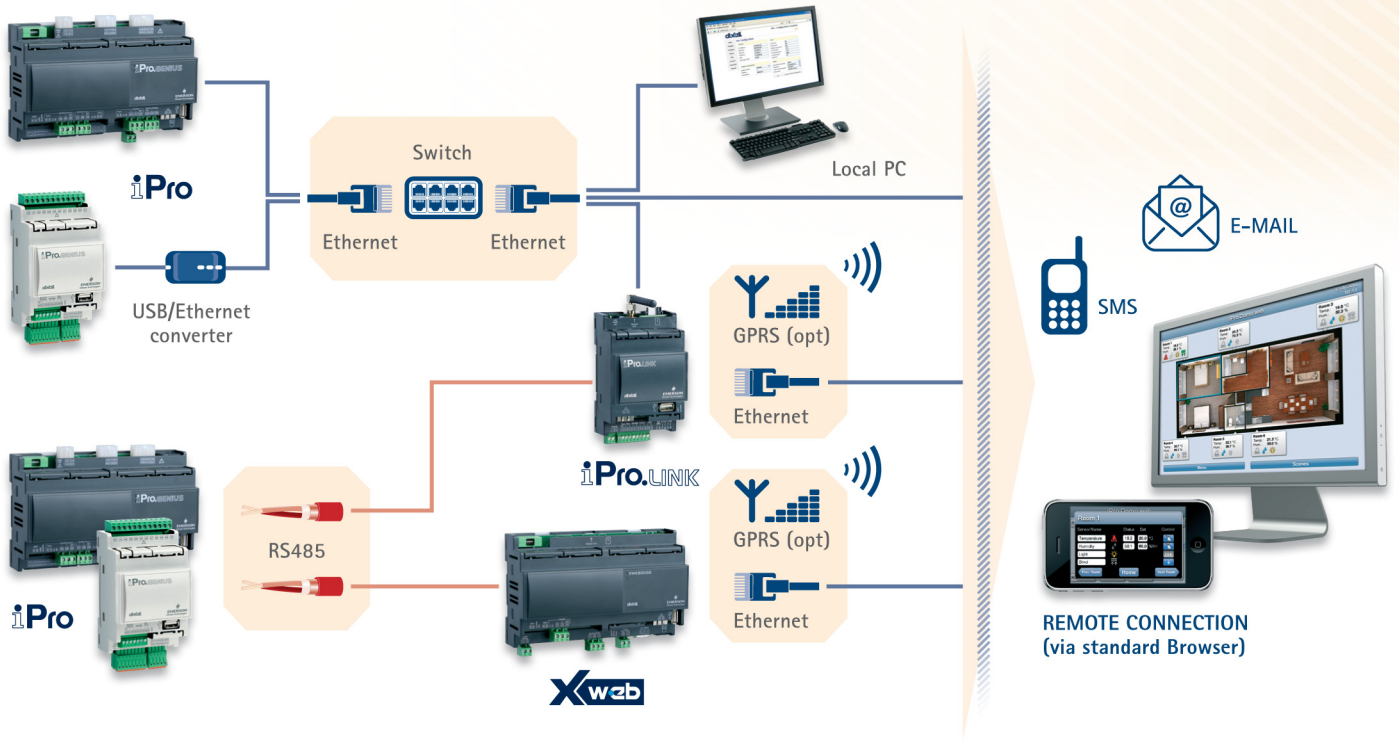
The high degree of connectivity that marks iProGENIUS controllers, ensures a complete local and remote unit/plant management.
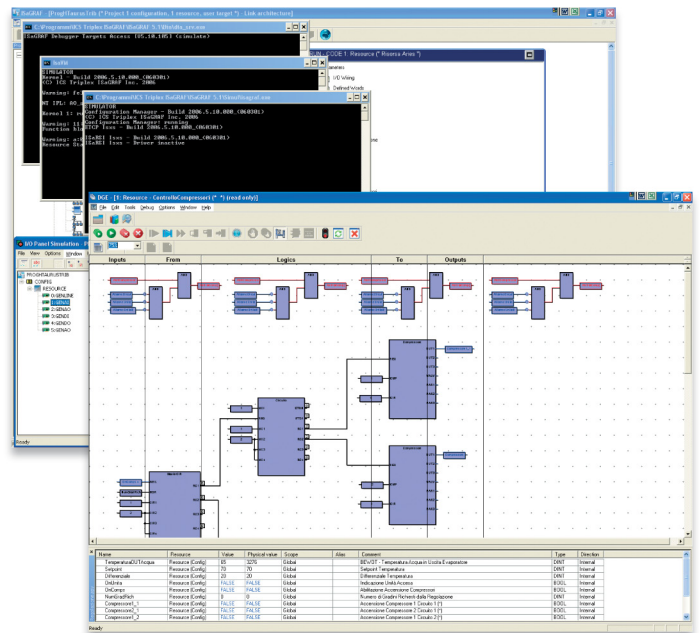
iPro

USB/Ethernet
converter

Switch

Ethernet   Ethernet

Local PC

iPro

RS485

iPro.LINK

GPRS (opt)

Ethernet

GPRS (opt)

Ethernet

X web

E-MAIL

SMS

REMOTE CONNECTION
(via standard Browser)

XWEB
SUPERVISING SYSTEMS

ACTUATORS
SERVO-MOTORS

INTERNET/INTRANET

LOCAL/REMOTE PC

EXPANSIONS

EXTERNAL MODEM
gsm/xweb modem

0÷10V/4÷20mA

ModBUS Slave

Ethernet

Ethernet

EEV DRIVER

CANBus/LAN

RS232

ROOM PROBE
temperature, humidity,
dew-point

CANBus/LAN

ModBUS Master

PWM/0÷10V/4÷20mA

ModBUS Master

FAN MODULES

CONTROLLERS

ModBUS Master

RS485/Ethernet

TGIPG

TIME-THERMOSTAT

RS485

Ethernet

VISOGRAPH

INTERNAL MODEM

USB

IPRO
CONTROLLERS

IPRO
CONTROLLERS

iProTOOL

DEVELOPMENT TOOL

| 1 | ISaGRAF® + WIZMATE |
| 2 | ISaGRAF® + WIZMATE + VISOPROG |

iPro-TOOL is a complete and easy to use tool that allows the user to work independently to create programs for iPro controllers, taking advantage of all the programmable series potential. The package includes manuals and the **ISaGRAF®**, **WIZMATE** and **VISOPROG** (optional) software.

The user can choose among 2 options as you can see on the left.

Note: WIZMATE can be used with iProCHILL applications.

ISaGRAF®

ISaGRAF® is the standard, international and complete development environment selected by Dixell to create programs that will be uploaded into the iPro series. Also ideal for small applications, it can manage several I/O points, allows users to create control systems, and is supported all over the world. ISaGRAF® offers a combination of a highly portable, robust management engines (Virtual Machine) and an intuitive application development environment (Workbench). ISaGRAF® integrates the best system for simulation and remote debugging, supports the Flow Chart (FC: Flow Chart) and 5 different programming languages coded according to IEC61131 (SFC: Sequencial Function Chart; ST: Structured Text; FBD: Function Block Diagram; IL: Instruction List; LD: Ladder Diagram).
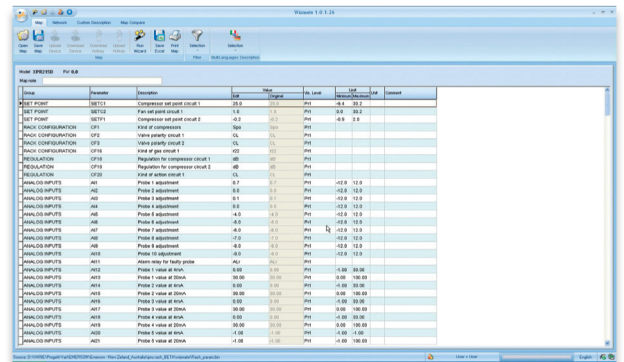

WIZMATE

WIZMATE is versatile software that has a fast and easy programming mode for iPro controllers (ideal for versions with the application included like the iProCHILL).

VISOPROG

The VISOPROG is a tool that allows users to create the VISOGRAPH keyboard graphic interfaces. The program, installed on a PC, is connected to ISaGRAF® project and has a basic interface that users can easily customize depending on the requirements.