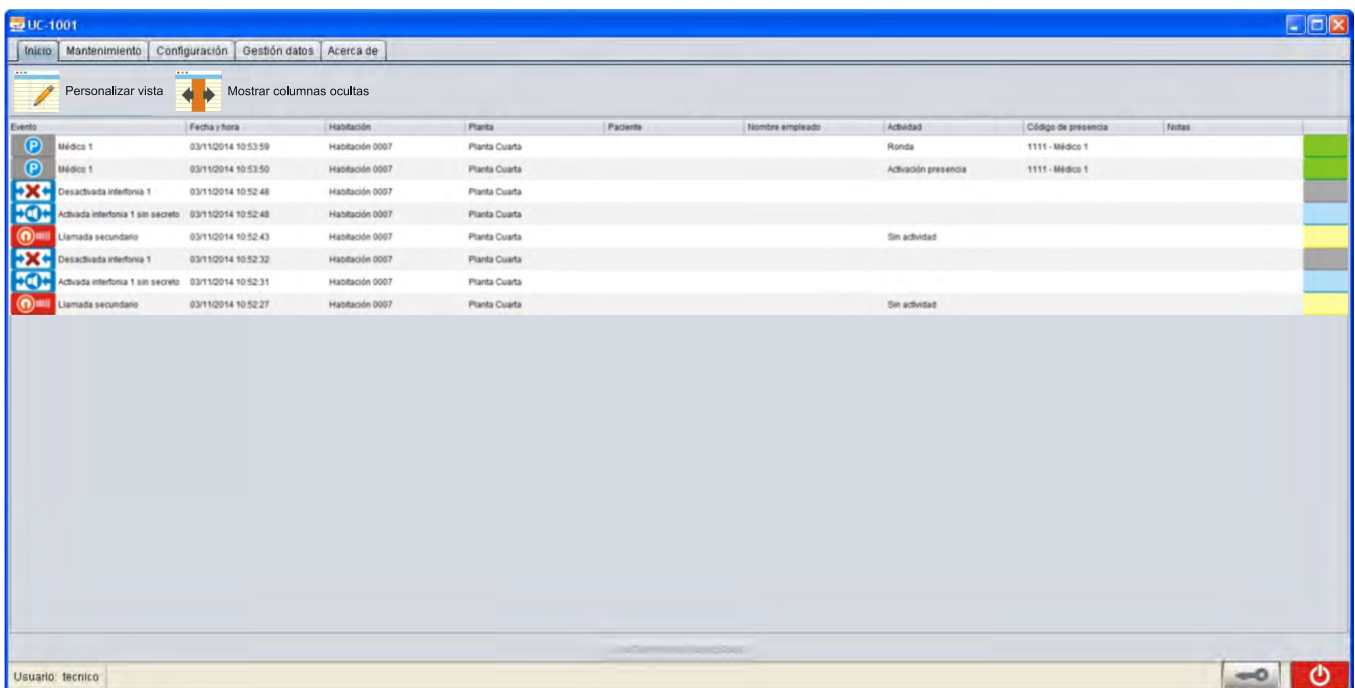# UC-1001

Data management PC

You have purchase an UC-1001, a computer that must run exclusively the UC-1001 software, allowing the visualization and storing activity made in one or more UDECOM systems in the same installation. New functionalities and new features with smart usability interface for administration and healthcare professionals keeping all them update.

The UC-1001 is already installed to be directly connected to an UDECOM system. The software runs over Windows OS (Microsoft). The included hardware is a PC, TFT screen, keyboard and mouse with the pack.

UC-1001 CHARACTERISTICS

- Customizable.
- IP networks transmission.
- Great usability environment.
- Different user profiles.
- Patient managing.
- Employees managing.
- Room and floor configuration.
- Real-time UDECOM system activity visualization.
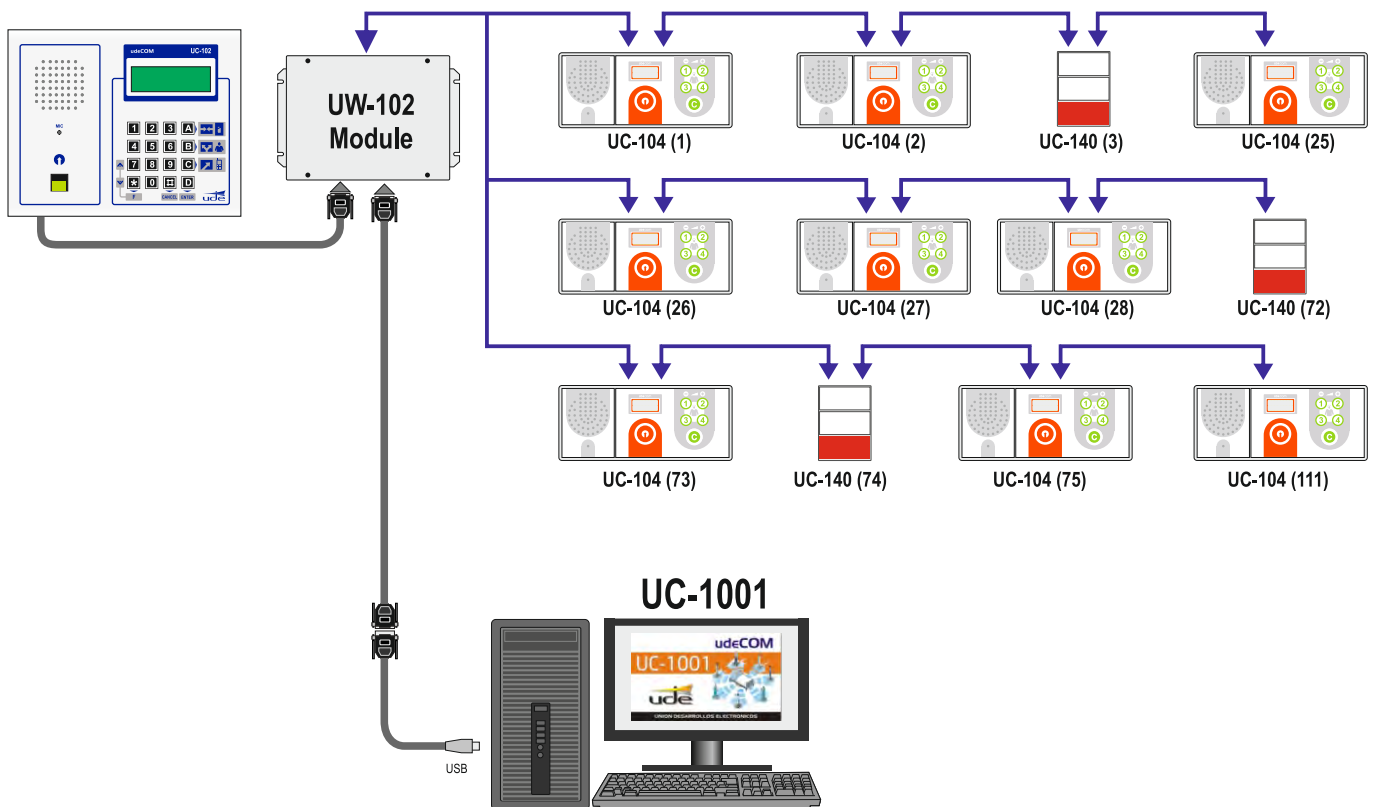- PDF report exportation.
- Data base manager.

ISO 9001
BUREAU VERITAS
Certification

EQUIPOS Y SISTEMAS MEGAFONÍA / INTERCOM ● PUBLIC ADDRESS SYSTEMS
UNIÓN DESARROLLOS ELECTRÓNICOS
Tel.: +34 934 772 854 / +34 609 914 787 ● ude@udeaudio.com ● BARCELONA - SPAIN

www.udeaudio.com

rev.0 | 610.476a | 1 / 6

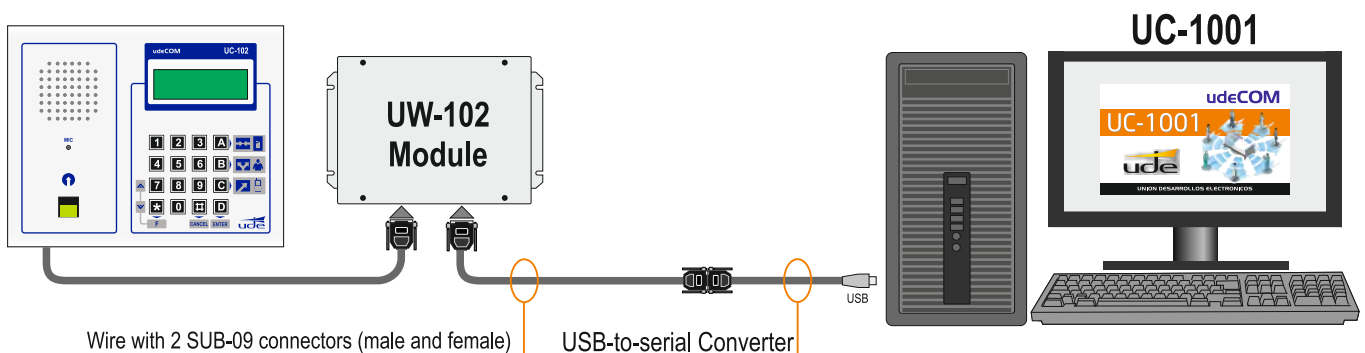## CONNECTION

WITH USB-TO-SERIAL CONVERTER

The UDECOM is a modular system for healthcare intercommunication, can be built in many BUS typologies (further information can be consult in wiring diagram UDECOM system file). The room substation (UC-104) and UC-140 process all the activity inside a room and send to the central station (UC-102) where previously was configured. Each UC-102 can control the activity of certain UC-104 and UC-140.

The data management PC (UC-1001) must be connected physically to an UW-102 connection module. The first type of connection is the most simple; 1 central station UC-102 and connection module with room substation UC-104/UC-140 connected by a FTP wire making a BUS. The next figure is an example of 111 substations.

In this example all activity of the room substation (UC-104/UC-140) of 111 units will be manage by the only central station (UC-102) that will feed the data management PC (UC-1001).

The connection must be done by a serial wire provided, between the connection module (UW-102) and the USB-to-serial converter (included with the UC-1001).
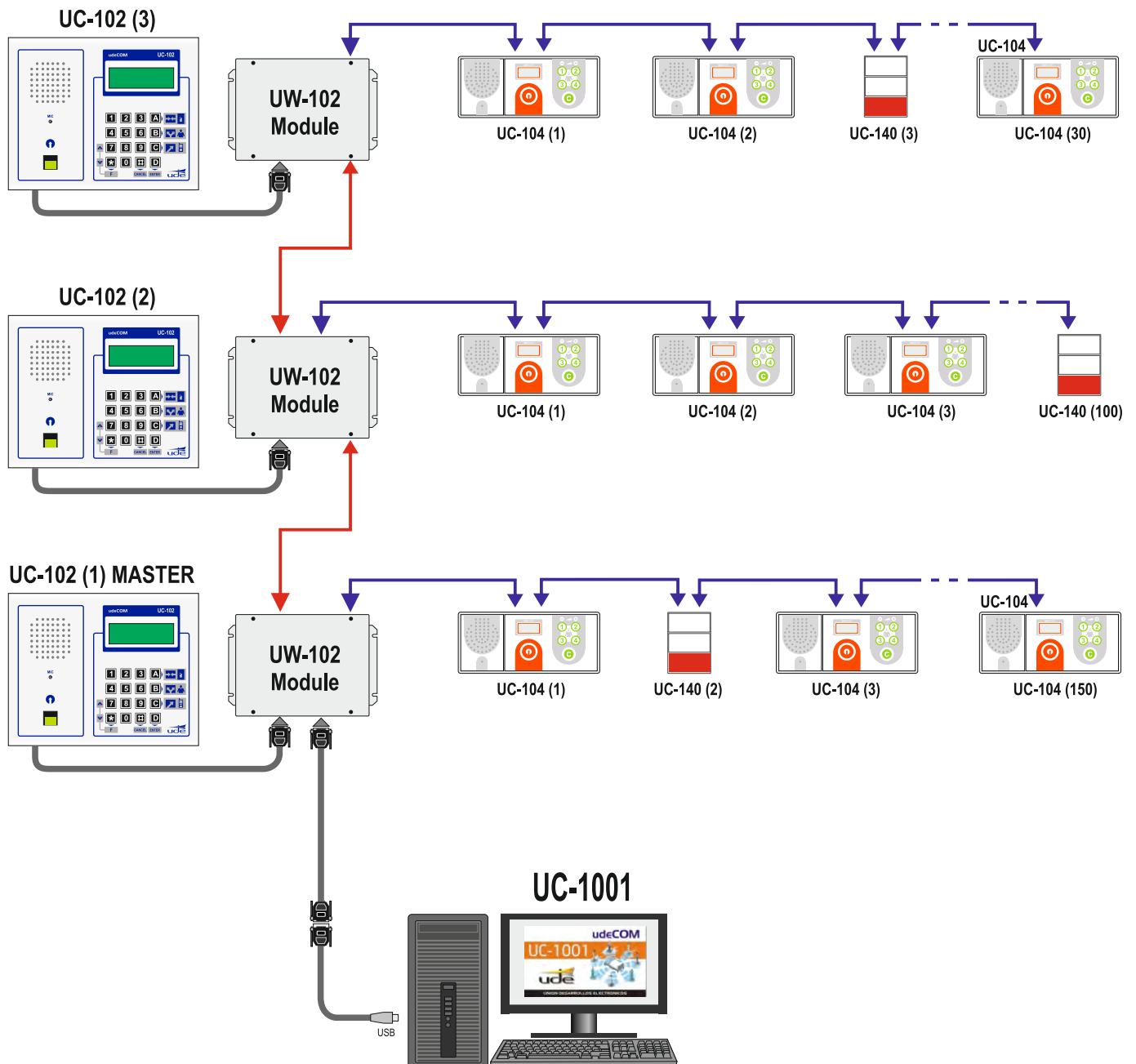

Wire with 2 SUB-09 connectors (male and female)   USB-to-serial Converter

Caution!
The USB-to-serial converter can be installed in any USB port of the UC-1001.

CONNECTION

WITH USB-TO-SERIAL CONVERTER

The second wiring that can be done with the system is when many UC-102 central stations are connected between each other, creating a whole system of intercommunication. The system can forward calls between different central stations (UC-102). The staff presences would be processed as whole system, not only as local information of one central station, the master UC-102 will receive all data and send to UC-1001, as is showed in the next figure:

The connection must be done by a serial wire, between the connection module (UW-102) and the USB-to-serial converter (included with the UC-1001).
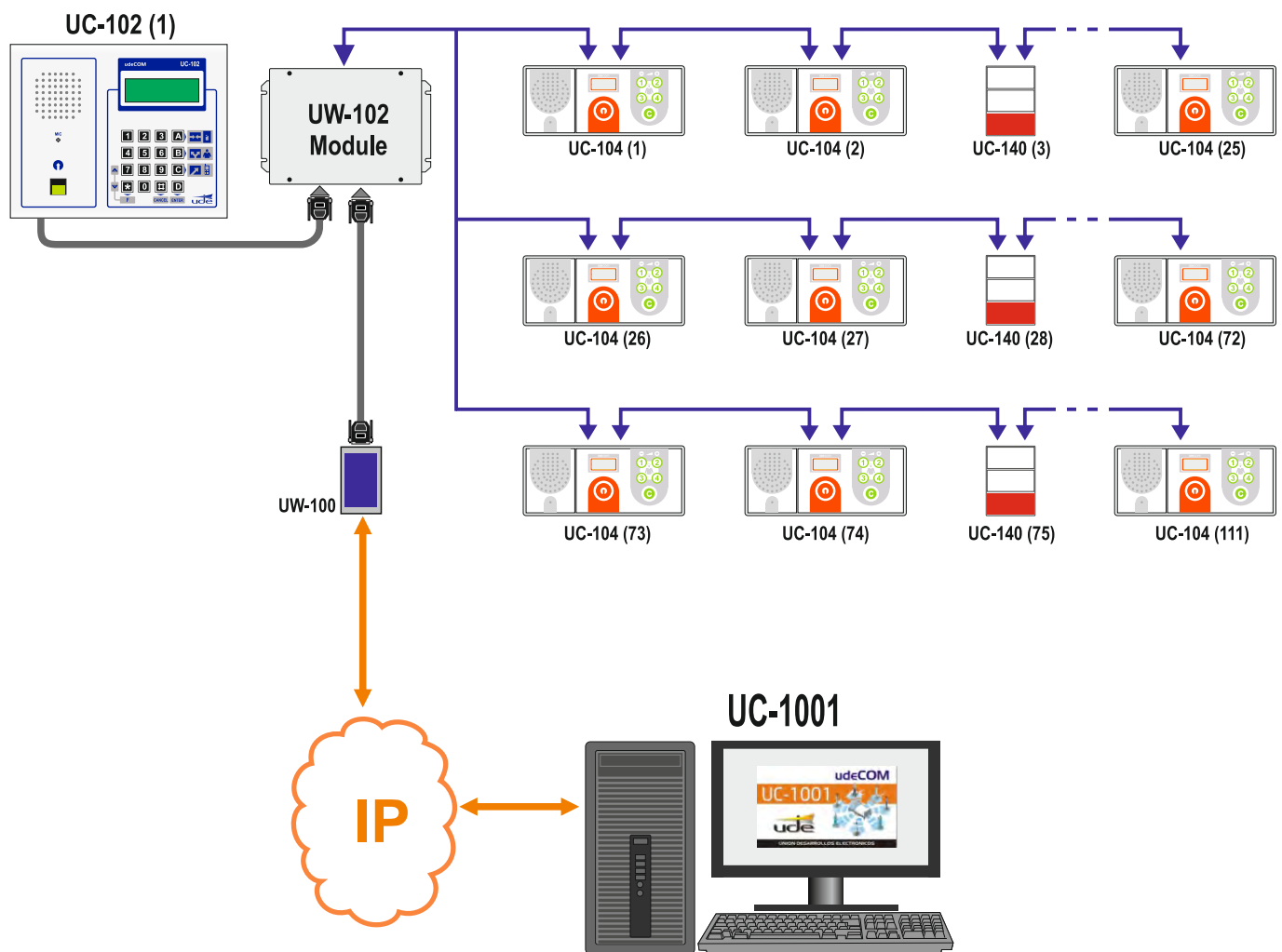The USB-to-serial converter can be installed in any USB port of the UC-1001.

CONNECTION

WITH 1-PORT RS-232 SERIAL DEVICE SERVER

The information produced by the UDECOM systems also can be send by an IP network. A RS-232 serial device server will be indispensable (UDE ref: UW-100). The first connection topology is between one central station UC-102/UW-102 and room substation UC-104/UC-140 connected in a BUS.
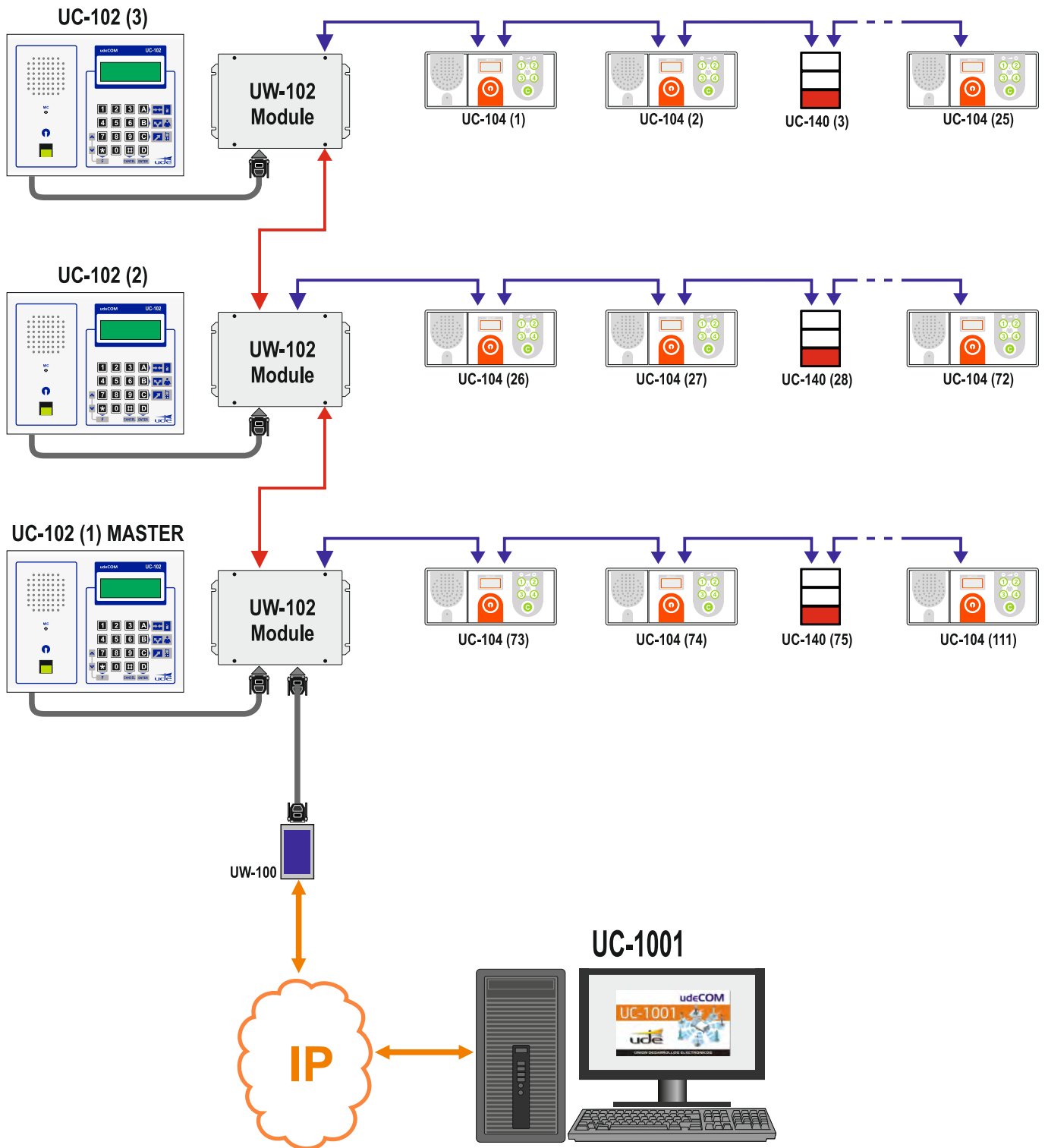The next figure shows an example:

CONNECTION

WITH 1-PORT RS-232 SERIAL DEVICE SERVER

The second connection topology is when many UC-102 central stations are connected between each other, creating a whole system of intercommunication. The master UC-102 central station will receive all data and send it to UC-1001 using an IP network, as is showed in the next figure:

CONNECTION

WITH 1-PORT RS-232 SERIAL DEVICE SERVER

The third connection topology links many independent UDECOM central stations (UC-102) that would send the information to one or more UC-1001 (consult UW-100 datasheet for more information) through an IP network, as is showed in the next figure: