Internet access system through the Wireless Network of the University of Bologna
(last update 6.3.2017)

Printable service summary document: the updated version is available online at the following address http://www.unibo.it/almawifi

A WPA2-Enterprise security access system has been implemented on every access point according to the requirements of WI-FI Alliance, which guarantees complete encryption of all the traffic flows. In more detail, the WPA2-Enterprise system has been configured with AES and EAP (IEEE 802.1x) standards, where active directory users of the University DSA are validated by a centralized Radius Server.

We remind you that user credentials should be activated by setting a personal password via the following website https://www.dsa.unibo.it

For further information about connection problem please consult FAQ ALMAWIFI at http://www.unibo.it/almawifi
Previous profile removal

If you experience some problems due to a pre-existent connection or if you want to edit it, we suggest you to delete it before proceeding:

- Click on the wireless network icon on the upper right and select “Manage networks…”

- On the network connections windows, select “ALMAWIFI” and click on “Delete”.

![Wireless Network Icon](image)

![Network Connections](image)
Client configuration using Linux Ubuntu

The operating system must be Ubuntu 8.04 or later; this OS automatically recognizes if the network you are joining uses WPA, and it gives you the correct prompt.

Click on the network-manager-gnome application button that will appear on the Ubuntu toolbar. Choose “Enable Wireless”

In the same menu, be sure you select ALMAWIFI:
You will need to enter the appropriate configuration settings for the ALMAWIFI network detailed below and click on “Connect”. Also select “No CA certificate is required”.

- **Wireless Security:** WPA Enterprise or WPA2 Enterprise
- **EAP Method:** PEAP
- **Key Type:** Automatic (Default)
- **Identity:**
  - `name.surname@unibo.it` for staff of University
  - `name.surname@studio.unibo.it` for students of University
- **Password** will be your password

When you are connected the network-manager-gnome icon at the top right of your desktop will turn white.