



# EC-4200 SIP Security Controller

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## Quick-start guide

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## EC-4200 Quick-Start Guide

This quick-start guide is designed to highlight the main points of the initial installation and configuration of the EC-4200 SIP Security Gateway, to enable you to get the system running quickly and configured to the extent that in most cases it will be possible to make some basic calls. For more detailed guidance on configuring the system, please refer to the other sections of the User and Administration Guide. The EC-4200 User and Administration Guide may be downloaded from:

<http://www.um-labs.com/documentation.html>

### Quick-start overview

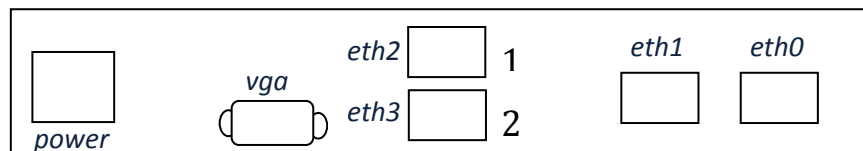
The EC-4200 ships with interface eth0 configured with IP address 192.168.1.1. To configure the system, connect eth0 to a network hub, configure your workstation with an address in the same sub-net (for example 192.168.1.2), connect your workstation to the same hub, launch your browser and connect to <https://192.168.1.1>. Login as *admin* and enter *password* in the password field. After setting a new password for the admin account you will be able to re-configure the system's network settings and proceed with the rest of the installation.

Alternatively, you may change the address of eth0 by connecting to the EC-4200 console interface. Changing the eth0 address avoids the need to reconfigure a workstation solely for configuring the EC-4200. Refer to section 7 of the User and Administration Guide for help with connecting to and using the console.

Ensure that you correctly set the system's time and date before completing the initial configuration. You can this either by defining an NTP server (section 9.1 of the manual) or by manually setting the time. *NOTE: the system will not process calls until the time and date are correctly set.*

### Step 1

Unpack your EC-4200 and connect the system to an Ethernet hub using interface *eth0*. Connect the power supply, the system will boot and be ready for configuration in approximately 3 minutes. Eth0 and the power connector are located on the rear of the system.



Note that eth0 and eth1 are located on the network card in the expansion slot and that eth2 and eth3 are the motherboard interfaces labelled 1 and 2 respectively.

- Step 2** Interface *eth0* is pre-configured with IP address 192.168.1.1. Configure a system with a browser capable of supporting HTTPS (e.g. IE6, IE7 or Mozilla) with a temporary IP address in the same sub-net (e.g. 192.168.1.2). Then connect that system to the same hub as the EC-4200, launch the browser and connect to <https://192.168.1.1>.
- Step 3** Ignoring the warnings about the certificate not matching the system name and about the certificate's trust status, login to the EC-4200 as *admin* entering *password* as the password. Generating your own certificate to avoid these warnings in future is discussed in section 9 of the manual.
- Step 4** Assign a new password to the admin account when prompted. Take care not to forget the assigned password as there is no way to recover a lost password.
- Step 5** Visit the *Network System Settings* page of the Admin GUI and set up the network environment. This includes assigning a system name and configuring Domain Name Servers. It is also strongly recommended that at least one Network Time Protocol (NTP) server is defined. You must also configure a *default gateway*, this is normally the IP address of the router that provides your Internet connection. The *Network System Settings* page is more fully described in section 7.1 of the manual
- Step 6** Visit the *Network Interfaces* page of the Admin GUI and assign the network addresses that will be needed in the system's final location. You will normally assign addresses to two of the three interfaces. It does not matter which two interfaces you pick, but a good convention is to use *eth0* for your LAN (and connections to your PBX) and *eth1* for your Internet connection. *Eth2* can be used for any purpose (for example connecting to a different LAN subnet or used as a dedicated management interface). The *Network Interfaces* page of the Admin GUI is more fully described in section 7.2 of the manual.
- Step 7** Visit the SIP Routing page of the GUI and define the location of your PBX. The EC-4200 will support multiple PBXs. You will need to enter at least the fully qualified domain name (FQDN) or IP address and SIP domain(s) that each PBX serves. The SIP Routing page of the GUI is more fully defined in section 7.4 of the manual
- Step 8** Click on *Save* in the configuration section at the foot of the SIP Routing Page. The browser will switch to the *Configuration Management Page*. Enter a name for the new configuration and set the configuration active.
- Step 9** Reboot the system to activate the new configuration. The system may be rebooted from the *Status and Diagnostics* page (section 14.2).
- Step 10** Visit the *Status and Diagnostics* page again (section 14.2) to check that all required services are running. Note that the SIP Security Engine may not run until the system time is correctly set.