

System Configuration

Main system configurations are available under:

Admin > System configuration > Settings

From each tab panel, you can access a different configuration section with different groups of options

Most of the options are self-explaining, we will describe the most important and critical.

Main Options

Configurations

Main options	
General Settings	
Page title (will appear in the user's browser)	<input type="text" value="Forma E-learning"/>
Website URL with final /	<input type="text" value="http://dev.formalms.org/dev"/>
Default language	<input type="text" value="Italian"/>
Default template	<input type="text" value="standard"/>
Sender email address for alert messages	<input type="text" value="no-reply@testing.formalms.org"/>
Visual HTML text editor	<input type="text" value="tinymce"/>
Site owner	<input type="text" value="Copyright (c) forma.lms"/>
Email Settings	
Registrations and Lost passwords email sender	<input type="text" value="no-reply@testing.formalms.org"/>
Help Desk email	<input type="text" value="supporto@elearmit.net"/>
Prefix for help email subject	<input type="text"/>
Add the following address as CC for all the email sent by the platform	<input type="text"/>
<input type="button" value="Save changes"/> <input type="button" value="Undo"/>	

General Settings

This group of options includes the main basic configurations for your Forma LMS installation

Page Title

The name that appears in the user's browser;

Default Template

The default template assigned to the installation;

Website URL

The web address of your platform (must finish with a /)

Default language

The default language for the platform labels, if a user specific language isn't defined

Sender email for alerts

The e-mail address from which notifications are sent to users

Visual HTML Editor

The visual editor used for text formatting

Site Owner

Text to be shown as custom footer credits in your template

Email Options

Set-ups for the general email settings for the platform

Prefix for helpdesk

Enter a text to prepend to the helpdesk email subject.

Add CC or CCN Addresses

All the emails sent by the system will also be sent to these addresses. If you want to use multiple email addresses in those fields, please use a comma (,) followed by a space as a separator.

User

MAIN OPTIONS
USER
E-LEARNING
VIDEO CONFERENCE
ADVANCED
API AND AUTHENTICATION
SMS

User

General Settings

At the login the user is prompted to fill in the mandatory fields related to his profile

Keep a record of all the deleted users

Maximum number of consecutively failed login attempts (0 = no limit)

Save info about failed login attempts

- Yes, for all
- Yes, only if the max number is reached
- No

Profile Edit

- Allow full editing of user profile
- Allow only password edit
- Disallow editing of user profile
- Redirect to external url

Profile edit page:

Password

pass algorithm

Password must be composed of letters and numbers

Password length, minimum number of characters

Force users to change their password at the first login

Password validity, max number of days the password will be valid (0 for unlimited)

Ask the user to choose a password different from the last X used passwords

Register

Registration type

Limit, in hours, for the expiration of the subscription request

First Name and Last Name are required in order to register

Privacy policy MUST be accepted

Use advanced registration form

Registration code usage

If one of the registration code options above are enabled, users are forced to enter the registration code (the code field must be filled in)

Limit the user to only one node of the organization chart

Mandatory customfields

General Settings

Main settings for user related configurations: from this section, it is possible to edit:

Password

Main settings for password related configurations

Register

Settings for platform registration modes and features

Registration Types

Free self registration

Users can self-register directly to the platform, receiving just their credentials if a notification event is enabled (Check [Event Manager](#) for notification settings)

Free registration with double OPT-IN

Users will receive an email with a confirmation link upon self-registration

Moderated self registration

User registration must be approved by an administrator

Only administrators

Only administrators can register new users. Registration link on login page is disabled

Advanced Registration

Select the option "Use advanced registration form" to:

1. **Split registration for custom fields:** users will be asked first to fill the main registration fields, while all the custom fields will be prompted on a following page
2. **Enable self registration to Groups:** upon registration, users will be prompted with a list of groups and will be automatically added to the selected groups

Registration Code Usage

This feature extends the registration form, asking the user to select or insert a code.

This will:

- automatically insert the user in an orgchart node
- automatically enroll the registering user to some course
- both of the above

Other Options

Limit the user to only one node

Select to avoid users to be registered in multiple nodes

Mandatory customfield

mandatory customfields will be required also in administration user edit

E-Learning

This section includes some configuration options for frontend LMS and courses

The screenshot shows a configuration interface with a top navigation bar containing several tabs: MAIN OPTIONS, USER, E-LEARNING (highlighted), VIDEO CONFERENCE, ADVANCED, API AND AUTHENTICATION, and SECURITY RELATED. Below the tabs, the 'E-learning' section is active, displaying two columns of settings. The 'General Settings' column includes a 'home page' dropdown menu set to 'Welcome Page', a checkbox for 'Send user to catalog if not enrolled in any course' (unchecked), and a checked checkbox for 'Show learning courses belonging to learning path in "My courses tab"'. The 'E-Commerce' column includes a 'PayPal Account' text input field and a 'PayPal currency code' dropdown menu set to 'EUR'.

General Settings

Home Page

Select the page to be shown to users after login

Send user to catalog if not enrolled

Redirect user to catalog if MyCourses page is set as home page but is empty

Hide Empty category

In the catalog page, empty categories are not listed in the side tree categories listing

Show login catalog

A button to the courses catalog will be shown on the login page

Exclude completed courses from the view "all open": in the MyCourses page, the "All Open" filter will hide course already completed by the users. Useful if you have too many courses and need to filter the completed ones for better page browsing

Ecommerce

Settings for the ecommerce features. You just need to enter your PayPal account and, if you actually want to sell courses, unflag the "sandbox" option. The sandbox would be used to run tests without actually completing the transaction, obviously when you are ready to sell your courses you don't need a sandbox anymore.

Important: if you want to use the ecommerce functions, you also have to do 2 more things

- enable the course catalog
- flag the "sell course" option when you create or edit your course, and put a price on it.

Videoconference

[MAIN OPTIONS](#)
[USER](#)
[E-LEARNING](#)
[VIDEO CONFERENCE](#)
[ADVANCED](#)
[API AND AUTHENTICATION](#)
[SMS](#)

Video conference

General Settings

Limit for the number of conferences that can be planned by a single user

Advanced

[MAIN OPTIONS](#)
[USER](#)
[E-LEARNING](#)
[VIDEO CONFERENCE](#)
[ADVANCED](#)
[API AND AUTHENTICATION](#)
[SMS](#)

Advanced

General Settings

- Allow super-administrator media management in the editor
- Allow administrator media management in the editor
- Allow user media management in the editor
- Allow the usage of direct links from external sources to SCORM chapters (sco and asset)
- Activate accessibility features

Session lifetime

Disk quota (in MB) for each user's My Files area

Domain Template assignment

demo.formalms.org,almostd

Debug Options

- Activate language editing (used for debugging)
- Enable debug information

Google

Code provided by Google

</script>

Enable Google Analytics

File Uploads Path

Save Path for the files uploaded in the course info

Save path for additional fields

Users photos and avatars

Save Path for the files uploaded as forum attachment

Save Path for the files uploaded in the upload files

Save Path for files uploaded as message attachments

Save Path for files uploaded as SCORM Learning Object

Sponsor banners

Question "file upload"

Save Path for the files uploaded in the chat shared files

Newsletter

Send newsletter messages in blocks of

Pause between blocks (seconds)

Twig Cache

Report Settings

Report download availability (number of days)

Max attached report size (MB)

saving path for report recording

Create report and send it by email as soon as it is ready (report execution must be enabled in crontab)

Security Related

- Enable IP control within sessions (user can't change IP after login)
- Disable simultaneous access with the same username
- Unify admin and public sessions
- Maintenance mode

Maintenance Password

Whitelist permitted file extensions

General Settings

Session

The period of inactivity, after which a user is disconnected (session length)

Domain template assignment

Set the template to be assigned to specific domains. Add one domain per row, like:
[www.yourdomain.com],[template]

File uploads

Set the default folders for different types of asset.

Caution. Changing these paths may lead to link and display errors.

Twig Cache

Use this button to empty the Twig Cache folder in case of visualization problems after plugin install or template changes.

Debug Options

Options to enable code and language debug features

Google

Settings for Google Analytics integration

Newsletter

Settings to avoid blacklisting and antispam issues when sending emails with the newsletter feature

Report Settings

Use these settings to configure automatic report sending conditions

Security Related

Some security related options:

IP control

If this option is selected and the user changes connection during the same login session, he will get an error

Disable simultaneous access

The same user cannot be logged from different devices at the same time

API & Authentication

MAIN OPTIONS USER E-LEARNING VIDEO CONFERENCE ADVANCED **API AND AUTHENTICATION** SMS

API and Authentication

LDAP

LDAP port (usually 389)

Activate LDAP authentication

LDAP server address

Username for LDAP users, use \$user for the username.
Ex. \$user@domain2.domain1 (for: W2k3)

Enable SSO with a third party software through a token

SSO secret for the token hash

Forma.Lms API

Enable the API functionality

Single code for platform

Authentication method: Single code for platform
 Token generation at every connectio
 Authorization Secret Key

Refresh token lifetime at every API call

Authorization API Key

Generated token will expire after (minutes)

Authorization API Secret key

Check the [API & Integration](#) documentation for details

Security Related

This section was introduced with Forma 4.0

MAIN OPTIONS USER E-LEARNING VIDEO CONFERENCE ADVANCED API AND AUTHENTICATION **SECURITY RELATED**

Security related

Password

Password must be composed of letters and numbers

Password Algorithm

Password length, minimum number of characters

Force users to change their password at the first login

Password validity, max number of days the password will be valid (0 for unlimited)

Ask the user to choose a password different from the last X used passwords

Minimum number of uppercase characters (0 = uppercase characters not mandatory)

Minimum number of lowercase characters (0 = lowercase characters not mandatory)

Minimum number of digit characters (0 = digit characters not mandatory)

Minimum number of special characters (0 = special characters not mandatory)

Send an email one day before password expiration
 (enable cron job)

Security Related

Keep a record of all the deleted users

Maximum number of consecutively failed login attempts (0 = no limit)

Save info about failed login attempts
 Yes, for all
 Yes, only if the max number is reached
 No

Save changes

SMS

This feature has been **REMOVED SINCE FORMA 4.0**

You can also send SMS from Forma. We have an integration with the popular Skebby service. Just create an account with them (click on the button), purchase credit from them and fill the required fields with the account information you will receive from Skebby.

Then you'll be able to send Forma notifications with an SMS instead of an email. Every automatic event can be configured with email or SMS from the event manager. For the manual communications, you can decide what to use from time to time.

Of course, you need to have the mobile phone number of your users in an additional field, and you need to set the correct field for the mobile number in this section.

The screenshot shows the 'SMS' settings page. At the top, there are navigation tabs: MAIN OPTIONS, USER, E-LEARNING, VIDEO CONFERENCE, ADVANCED, API AND AUTHENTICATION, and SMS (which is highlighted in orange). Below the tabs is the 'SMS' section title. Underneath, there is a 'Skeby Settings' section. The settings are as follows:

Default international prefix	+39
SMS sender	0
Gateway username	
Gateway password	
Cell phone number field	Please upload the certificate you had
Select gateway	Gateway 3
Gateway host address	193.254.241.47
Port number	26

At the bottom right of the settings area, there are two buttons: 'Save changes' and 'U'.

SMTP settings

SINCE FORMA 4.0 this feature has been **MOVED** under settings > system configuration > mail settings

If you want to send trusted and authenticated emails with one of your email accounts, remember to set these **2 parameters** as “**on**” during the installation of Forma Lms

```
$cfg['use_smtp_database'] = 'on';  
$cfg['use_smtp'] = 'on';
```

If you select that you will use the SMTP, a new tab will appear in your general settings, and you'll be able to insert your account information in your User Interface (host, port, password, username, security...).

Configurations

The screenshot shows the 'SMTP SETTINGS' page. At the top, there are navigation tabs: MAIN OPTIONS, USER, E-LEARNING, VIDEO CONFERENCE, ADVANCED, API AND AUTHENTICATION, SMS, SOCIAL FUNCTIONS, and SMTP SETTINGS (which is highlighted in orange). Below the tabs is the 'smtp settings' section. The settings are as follows:

smtp auto tls	on	smtp debug	0
smtp host		smtp password	
smtp port	465	smtp secure	ssl
smtp user		use smtp	on

At the bottom right of the settings area, there is a 'Save changes' button.

Revision #6

Created 18 January 2024 16:15:39 by Lorenzo Polizzi

Updated 17 November 2024 19:04:09 by Alberto Pastorelli