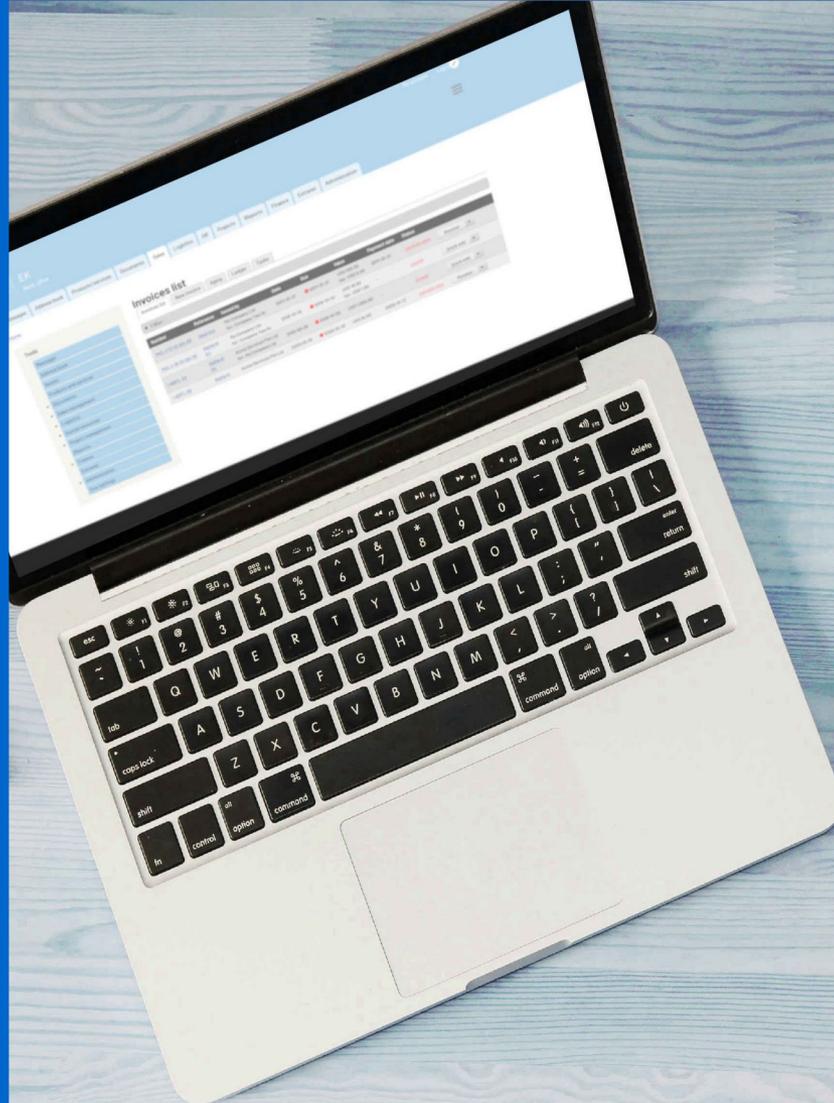


Messages module



Message module let users exchange direct messages within the system with option to send copy via email



Indicates the number of unread message in inbox

Inbox

Inbox Outbox Archives Broadcast

+ new message

Create new message

▼ Search

search by keyword

Filter message by keyword

Dots indicate priority
Green = low
Blue = normal
Red = high

Date		Subject	
2025-07-14 11:08		● tag	
2019-05-14 08:54	user	● Information	
2019-05-14 08:54	user	● Information	
2016-03-31 03:12	user2	● [urgent] Re: test	
2016-02-17 05:43	user	● hello	
2016-01-31 11:51	admin	● Notification: 308 A-CA-4-09-BEP-308	

Click link to read

Move messages to archive

Write message

New message

Type recipient names separated by commas. (autofill enabled)

admin, user2,

priority

normal ▾

Select message priority

Message title

Sample title

Message body

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat.

Text format Restricted HTML ▾

[About text formats](#) ?

Allowed HTML tags: <a href hreflang> <cite> <blockquote cite> <code> <ul type> <ol start type> <dl> <dt> <dd> <h2 id> <h3 id> <h4 id> <h5 id> <h6 id>

Lines and paragraphs break automatically.

Web page addresses and email addresses turn into links automatically.

Send also via email (note: html formatted text may not be fully displayed.)

Email copy option. If not selected, recipients will only receive an email notification without body

Send message

Send button

Message

 FROM
admin

Friday 26th of December 2014 03:08:18 PM

Message: Re: Message: ERP Beta 4 launched

acknowledged ----- Original ----- this a sample system message from Ek message module

[Reply](#)

[New message](#)

[Go to inbox](#)

[Archive](#)

[Delete](#)

Action buttons

Outbox

Inbox

Outbox

Archives

Broadcast

+ new message

List of sent messages

Date	To	Subject	
2026-02-23 11:45	user	Encrypt 2	
2026-02-23 11:42	user	Encrypt	
2026-02-17 08:55		Document shared	
2026-02-16 10:06		Lorem	
2026-02-16 08:06	user	Notification: 320 A-SG-5-12-BP-320	
2026-02-16 08:01	user	Notification: 320 A-SG-5-12-BP-320	
2024-07-15 09:01	user2	Referral program	

Click link to read

Move messages to archive

Archives

[Inbox](#) [Outbox](#) [Archives](#) [Broadcast](#)

[+ new message](#)

List of archived messages

Date	To	From	Subject	
2017-11-02 12:05	user	admin	notice	✕
2017-10-02 01:52	user	admin	image	✕
2017-06-16 10:03	user, admin	admin	Notification: 127 B-MVL-SG-2016_11-SICO-127	✕

Click link to read

Delete messages

Broadcast

Broadcast is a special message to send internal message to **all users** of the application except external users if any.

Broadcast message can be used for general notification.

Note: broadcast message is only internal, **no email** is sent to the users. Notification is only visible inside application.

New message

Inbox Outbox Archives Broadcast

Message broadcast

Message send to all active users

priority

low ▾

Input form

General announcement

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat.

Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

Text format Restricted HTML ▾

[About text formats](#) ?

- Allowed HTML tags: <a href hreflang> <cite> <blockquote cite> <code> <ul type> <ol start type> <dl> <dt> <dd> <h2 id> <h3 id> <h4 id> <h5 id> <h6 id>
- Lines and paragraphs break automatically.
- Web page addresses and email addresses turn into links automatically.

Send message

Project message

When using **project module**, project notifications are also copied in messaging module for reading

127 | Reference: B-MVL-SG-2016_11-SICO-127

Blue sky 8

last view: admin (on Tuesday 29th of May 2018 08:09 AM)

Item production

Main project

[Create extranet page](#)

[notification](#)

[New task](#)

Project notification

12 Notification

Send a short notification regarding project B-MVL-SG-2016_11-SICO-127 .

priority

low: normal: high:

Send note

Notification form

Message record

Date	From	Subject
2017-06-16 10:09	user	Notification: 127 B-MVL-SG-2016_11-SICO-127

+ calendar

Messages

- Notification: 127 | - 2017-06-16 [\[open\]](#)

Users activity

Message is also accessible in project page

Encryption

Message storage encryption requires the Drupal [Key module](#)

- 1) create a key on the server
- 2) register the key in key module

Key name*

 Machine-readable name for the key.

Description

A short description of the key.

Type settings

Key type*

 A generic key type to use for an encryption key that does not belong to any other defined key type.

Key size*

 The size of the key in bits, with 8 bits per byte.

Provider settings

Key provider*

 The File key provider allows a key to be stored in a file, preferably outside of the web root.

File location*

 The location of the file in which the key will be stored. The path may be absolute (e.g., /etc/keys/foobar.key), relative to the current directory (e.g., ../keys/foobar.key), or defined using environment variables (e.g., \${ENV_VAR}/keys/foobar.key).

Strip trailing line breaks
Check this to remove any trailing line breaks from the file. Leave unchecked if there is a chance that a line break could be a valid character in the key.

Base64-encoded
Check this if the key in the file is Base64-encoded.

Follow key name

Enter path where key is saved

Follow key name

Messaging settings

▼ Message body encryption

Messages are encrypted at rest using **AES-256-GCM**. A unique IV is generated per message; the authentication tag is stored together with the ciphertext.

Recommended production setup: store the key in a file

```
$ openssl rand -base64 32 > ek_messaging.key  
$ chmod 600 /path/to/ek_messaging.key  
$ chown www-data:www-data /path/to/ek_messaging.key
```

Then use Drupal key module to register the key file.

Option to generate key from command line

This form does not save the key but can generate a base64 string you can copy it to create your key file.

Current key status

✓ Key is configured

Generate new key

Option to generate key from settings

Copy this key now - it will not be shown again:

JB1FHVdNT/AeIP\NedICq\1WmK\GmYUxYvVnx\7A6ro=

▼ Database migration

After saving a new key, run the batch migration below to encrypt all existing plaintext messages. This operation is safe to re-run - already-encrypted rows are detected and skipped automatically.

Alternatively run via Drush: `drush ek-messaging-encrypt`

Encrypt existing messages now

Use this form to encrypt current messages in the database



AREA
Systems

AK