

# Technical Specification

## Message API

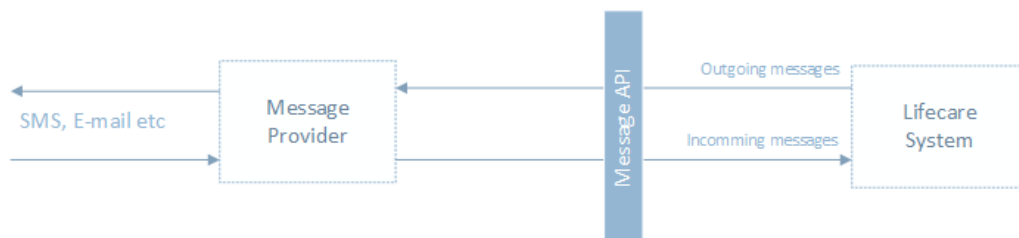


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## 1 Introduction

The Message API in Lifecare Exchange Services defines a common interface to send and retrieve e-mail, SMS text messages. By default Tieto offer services for SMS and email notifications. Customers with existing notification infrastructure can implement this message interface to replace default message provider.



### 1.1 Prerequisites

Before you can get retrieve any messages you must request a license key from Tieto. You should also have basic knowledge Web Services technology before you begin to implement the API.

## 2 Entities

### 2.1 Message

Message structure for SMS and email notifications.

| Parameter   | Mandatory | Description   |
|-------------|-----------|---|
| Recipients  | Yes       | One or more receivers of the message. All receivers are identified with a personal number, phone number or email address. |
| Sender      | Yes       | Identity of the actual sender.  |
| Subject     | No        | Message subject or title.   |
| Text        | Yes       | Message text. The messages total size depends on type of message, like SMS are limited to 160 characters.                 |
| Type        | Yes       | Type of message:<br><i>Email</i> E-post<br><i>SMS</i> SMS text message<br><i>E-SERVICE</i> My pages                       |
| Encoding    | No        | Mime encoding<br>plain/text Unformatted plan text<br>application/html Formatted text                                      |
| Attachments | No        | One or more base64 encoded files.   |

### 2.2 FaultContract

Error SOAP fault structure.

| Parameter     | Mandatory | Description  |
|---------------|-----------|--|
| ErrorId       | No        | Identifies error   |
| ErrorMessage  | No        | Error description  |
| CorrelationId | No        | Identity to persistent technical description in log system |

### 3 Services

#### 3.1 SendMessage

Services contract for incoming and outgoing messages between message providers and the business system

##### Service input parameters

| Parameter | Mandatory | Description   |
|-----------|-----------|---|
| domain    | False     | Customer domain name, used for multitenant service providers. |
| source    | False     | System or function identity.                                  |
| message   | Yes       | The received or sent message.                                 |

##### Service output

Successful operation returns a unique transaction identity. On fault the service returns an error structure containing error codes and description, see `FaultContract`.

## 4 Appendix

### 4.1 References

| Name                                 | Address   |
|--------------------------------------|---|
| Message API XML schemas and examples | <a href="https://github.com/ExchangeServices/API">https://github.com/ExchangeServices/API</a> |

### 4.2 Vocabulary

| Word | Description |
|------|-------------|
|      |             |
|      |             |