

# Technical Specification

## Message API

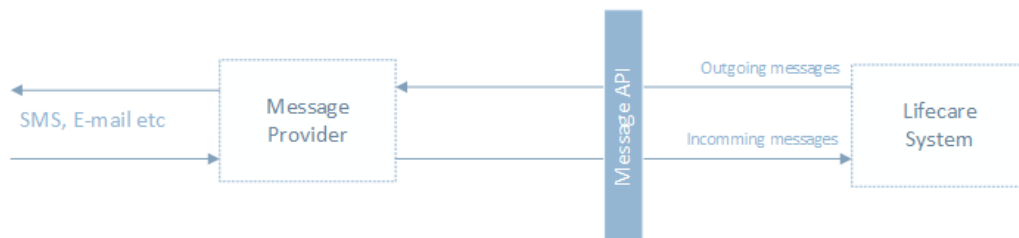


## Table of Contents

<b>1 Introduction.....</b>	<b>3</b>
1.1 Prerequisites .....	3
<b>2 Entities.....</b>	<b>4</b>
2.1 Message .....	4
2.2 FaultContract .....	4
<b>3 Services .....</b>	<b>5</b>
3.1 SendMessage .....	5
<b>4 Appendix .....</b>	<b>6</b>
4.1 References.....	6
4.2 Vocabulary .....	6

## 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: <i>Email</i> E-post <i>SMS</i> SMS text message <i>E-SERVICE</i> My pages
Encoding	No	Mime encoding plain/text Unformatted plan text 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

All network services are based on HTTP REST technology. Services are using HTTP POST and HTTP GET for upload and downloading.

Base path for services are: `https://[host]/WE.Education.Integration.Host/LES/Message/V1/Message.svc`

#### 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

Succeed operation returns a unique transaction identity. On fault the service returning an error structure containing error codes and description, see `Fau7ltContract`.

## 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