



MIMOS Information Dissemination System (Mi-IDS)

In digital information, accessible electronic communication must be delivered to multiple receivers via an efficient and reliable system. MIMOS Mi-IDS is a component that provides multiple channel information dissemination services. It allows enterprise applications to send out messages through e-mail, SMS or fax with predefined templates and data.

Overview

MIMOS Mi-IDS is a component that disseminates information to recipients through multiple messaging channels. This component receives requests from a web service client, and renders the information from a database or client input parameter. The information is then mapped with an e-mail/SMS/fax template to generate message, and finally the message is disseminated to a target recipient through e-mail or SMS or fax channels.

Features

Mi-IDS comprises the following features:

E-mail, SMS and Fax Modules

Mi-IDS consists of three modules: E-mail, SMS and Fax. Via web services, Mi-IDS will check for suitable content to send out via any of these modules based on input parameters and configuration settings.

Web Service Support

Three types of web services that are consumed by the web service client are available, namely batch type, free type and real-time type map/merge.

Supplementary Web Services

Supplementary web services are available. For e-mail, attachments can also be sent with e-mail. For batch services, an asynchronous service allows a unique response token to be sent immediately to the web service client.

Technology Benefits

The main impacts of Mi-IDS are:

Multiple Channel Distribution

Mi-IDS is a centralised component that allows applications to distribute messages to users via multiple channels such as e-mail, SMS and fax.

Static and Dynamic Merging

There is an option to merge a message's static template and an application's dynamic contents to produce a final output message.

Asynchronous Messaging

In Mi-IDS, an application can send out batch messages through the message channels asynchronously. This provides flexibility as it allows the request client to process other tasks without waiting for a reply from Mi-IDS.

Technology Summary

Mi-IDS

A component that provides multiple-channel information dissemination services.

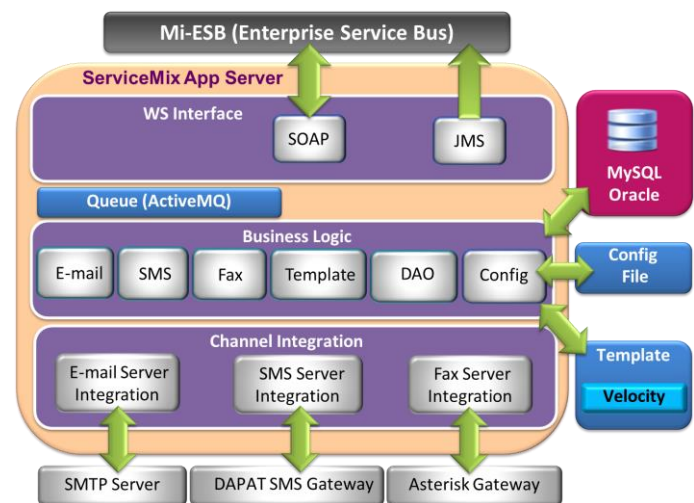
Industries: Enterprise, Government

Features

- E-mail, SMS and fax modules
- Web service support
- Supplementary web services

Technology Benefits

- Multiple channel distribution
- Static and dynamic merging
- Asynchronous messaging



MIMOS Mi-IDS system architecture

System Requirements

Mi-IDS	
Hardware Requirements	
Processor	Intel® Xeon 3.16GHz
Memory	Minimum 4GB of RAM
Disk Storage	Minimum 2GB of hard disk space
Software Requirements	
Operating System	Linux® (64-bit)
Tools	Java™ Development Kit (JDK) version 6.0 update 16 and above
Application Server	Apache ServiceMix 4.4.2