

# WinWAP MMS Client

## Multimedia Messaging Client application

### Provides MMS capabilities for your mobile device

#### Benefits for Mobile Phones

- Provides MMS messaging capabilities as part of the phone functionality
- The MMS Client provides a powerful message composer and reader
- The MMS messaging engine is used by companies all over the world in applications ranging from heavy-duty testing applications to end user MMS clients.

The WinWAP MMS Client is available for OEM/ODM customers as a customized fully featured end user application that provides everything needed for Multimedia Messaging. All that is required from the device is GPRS/3G or other MMS capable networking capabilities.

Optimize your device design time and shorten your time to market by implementing the MMS Client that provides a powerful interface for composing and reading MMS messages. All porting and customization is done according to customer specifications and using any SDK's available for the customer platform.

#### MMS Client for Pocket PC, Windows Mobile and WinCE

Provides an interface that utilizes the extended capabilities of these platforms including touch-screen capabilities and integrated connection managers and optional push routers and DRM engines. This MMS Client provides the capabilities that are missing from Windows Mobile and Pocket Outlook that allows Telecom operators to gain extra revenues from the MMS services offered to their customers.

#### MMS Stack SDK for Win32, WinCE and Linux

Software Development Kit that provides means for adding MMS capabilities to your own applications. Suitable to be used for any application needing MMS capabilities. Provided with demonstration source codes for many programming languages.



The MMS Client is available for many platforms and can be ported and customized to fit any platform

#### MMS client for Smartphone

Provides an interface that utilizes the specific capabilities of a Smartphone or Featurephone platform, including non touch-screen capabilities and integrated connection managers and optional push routers and DRM engines. This MMS Client provides the capabilities that allows Telecom operators to gain extra revenues from the MMS services offered to their customers. The MMS client has successfully been ported and customized for many different platforms.

#### OEM Customer benefits

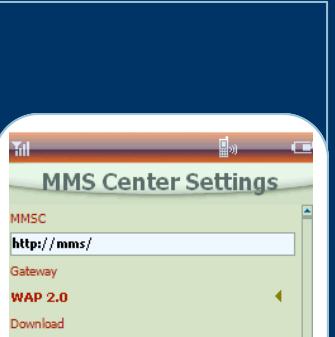
- The WinWAP MMS Client will be specifically built for the OEM customer and we can customize different aspects of the MMS Client to add more value to the total solution. The MMS client is based on the MMS Software Development Kits offered by Winwap Technologies. Licensing terms depend on the requirements of the customer, so please contact us for information about licensing.

# WinWAP MMS Client

## High Level capabilities

### Feature Set

- Support for any screen size
- Direct show support
- 3gp video as attachment
- Support for delivery and read receipts
- Sorting by Sender/Received time/Subject
- Delete, Draft, Inbox, Outbox, Sent items
- Immediate retrieval or Deferred delivery
- Delete, reply, reply all, send to group (by phone book group), forward, move, and change state (read/unread)
- Templates
- Templates customization by user



MMS Client settings can if required be hard coded which locks the application so it only works with one specific telecom operators services.

### Text and Bitmap support

- Text Support: US-ASCII
- Text Support: UTF-8
- Text Support: UTF-16
- Bitmap Support: GIF 87a
- Bitmap Support: GIF 89a
- Bitmap Support: WBMP

All supported features of the MMS Client are built based on Open Mobile Alliance (OMA) 1.2 Specifications

### Video and Audio support

- Video Support: H.263/AMR(.3gp)
- Video Support: MPEG-4/AMR (.3gp)
- Speech Audio support: AMR-NB
- Synthesized Audio: SP-MIDI
- SMIL Presentation: MMS SMIL
- SMIL Presentation: MMS SMIL with Video support
- SMIL frame timing default
- **Note:** Video and Audio formats supported depend on device capabilities



The MMS Client provides a powerful MMS composing interface that supports all common picture, audio and video formats.

### Image support

- Gif
- Jpg
- Png
- WBMP

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Telecom Operators gain additional revenue from Mobile services that deliver payable content over MMS messaging.

# WinWAP MMS Client

## High Level capabilities

### Integration Points

- Dialer, pause on incoming call and dial a phone number
- Common file dialogs, add attachments with common dialog
- Contacts, select a contact to send message to, save phone number in message body as new contact
- Shell indicator, new message
- Picture Viewer, display image files received



### Other application integration

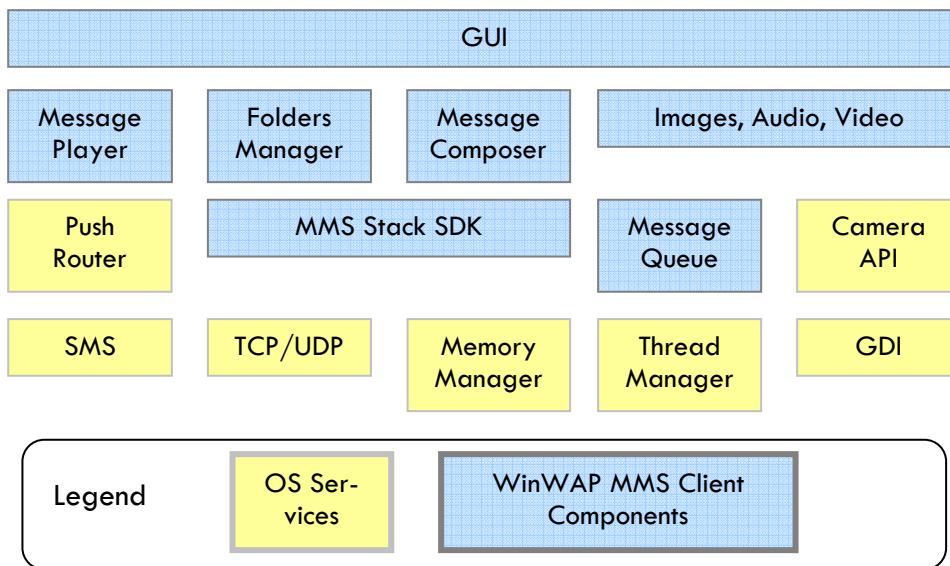
- Camera, take and send picture from MMS application, take and send video from MMS application
- Handwriting recognition (if applicable), ability to enter text
- Media player, play sound/video files received
- Browser, load a URL contained in a message

All supported features of the MMS Client are built based on Open Mobile Alliance (OMA) 1.2 Specifications

### OMA Compliance

All supported features of the Application are built based on OMA 1.2 Specifications. If an OEM customer needs a specific sub item from OMA Requirements that currently is not supported in the WAP browser then Winwap Technologies can add the required feature.

### MMS Client modules





Mobile Internet Browsing and  
Multimedia Messaging

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Winwap Technologies is specialized in software technologies for Mobile Internet browsing (WAP) and Multimedia Messaging (MMS). The product portfolio includes the popular WinWAP browser for Windows and Pocket PC, the Multimedia Messaging (MMS) Client and software development kits for WAP browsing, WAP connectivity and Multimedia Messaging.

Winwap Technologies is a privately owned company that was founded by the current CEO, Mikael Krogius, in 1995. Since the first days of operation Winwap Technologies has been involved in telecommunications, being the local distributor for the world's most popular Bulletin Board System (BBS) software called PC Board before the dial-up BBS days were over. Over the years software for logistics and freight forwarding was developed and in 1999 the mobile Internet market was entered with the WinWAP browser. Today the main focus is on the mobile Internet browsing and Multimedia Messaging technologies.

At Winwap Technologies we constantly try to make our software better and keep our customers satisfied with our products. Whenever new mobile software technology is needed we will try to provide the best software possible!



All WinWAP products are available for hardware or software manufacturers that want to include the products as part of their own solutions and products.

The products can be tailored and built for specific platforms, including desktop computers, notebooks, kiosks, handheld devices and smartphones.



**business partner**

