

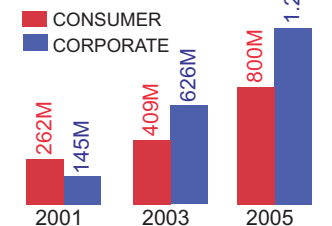
XMessenger

Features and Benefits

New Revenue Opportunities Through IM

Get the Message?

Estimated worldwide instant messages that will be sent annually (in millions)



Instant Messaging - The constantly growing method of communication with billions of messages sent/received every day gives operators a great new revenue opportunity. By mobilizing existing IM services, operators offer subscribers access to an "already established" communication phenomenon. Using these existing IM communities operators can drive messaging and data revenues. IDC forecasts that enterprise IM (worth \$315 million for 2004) will grow to \$736 million in 2009.*

Benefit from XCome's IM Solutions

XCome's complete end-to-end solutions help operators to easily implement any kind of IM network. XCome's solutions are differentiating factors and add value to operator's services. With XMessenger's unique and fun features, operators can increase customer retention and attract new subscribers.

Full Customization

For mobile operators, XCome offers the best solution to fit their business strategies. Whether they require an end-to-end OMA-IMPS Solution, a complete Public IM Solution or a solution for SIP Short Messaging with a low entry barrier, XCome can deliver.

The OMA-IMPS Solution

This **flexible & customizable** OMA compliant IMPS solution is ideal for operators who want to create their own network. Providing a client which can be easily integrated in any handset, XCome's end-to-end solution is rapidly integrated into mobile operators' network environment and operations systems.

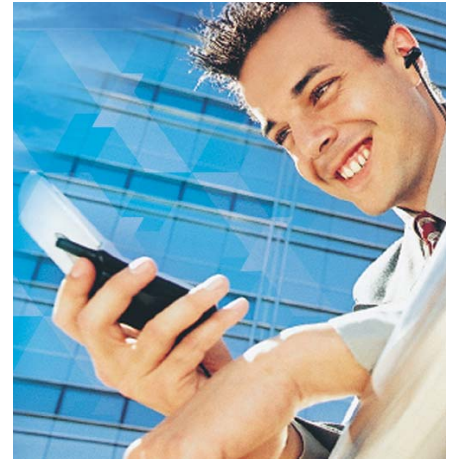
• **A Fitting IM Client for Every Handset** - A growing number of new models provide an embedded IMPS client but many still lack this feature. With XMessenger's OMA-IMPS solution, operators provide their subscribers with a quick and convenient way to integrate IMPS clients into their mobile handsets.



• **Tailored Solutions** - Handset models differ in their specifications which need consideration when preloading applications. XCome helps operators to provide a client that runs on all models without being limited by different performance levels and memory size.

• **All Essential IM Functions Available** - With XCome's solution, operators can provide its subscribers with an IM client that offers all the essential IM functions without heavy memory requirements (64 KB for installation).

• **Overcome Restrictions** - Although newer handset models often have an embedded client, these clients are oftentimes limited in their functionality. The XMessenger clients can overcome these limitations and operators can give their subscribers a greater IM experience.



*XCome's XMessenger is an easy-to-use mobile messenger application which allows users to stay in touch with their relatives and friends anytime and anywhere. Operators can choose between the **OMA® IMPS Solution**, the **Public IM Solution**, which is developed within partner programs like the **MSN® Mobile Developer Program**, or a **SIP Short Messaging Solution**.*

Specifications for the OMA-IMPS Solution

- Supporting Wireless Village IMPS version 1.2.
- J2ME MIDP 1.0 and 2.0.
- 64 KB available storage for installation.
- 200 KB runtime memory.
- Screen Resolution: 90 X 96 or above up to 240 X 320.
- HTTP connection or 2 available socket connections (This is customizable depending on device capability).
- Internet connection via GPRS or W-CDMA.
- Symbian OS™ 6.x, BREW®, WinCE, Windows Mobile, other OS with porting service.

Member of the MSN Mobile Developer Program



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XMessenger

The Public IM Solution

This solution is designed for operators who wish to leverage the significantly growing user base of public IM services. XCome offers a complete solution which is developed within partnerships like the MSN Mobile Developer Program. Including client and gateway server components, this solution lets subscribers easily connect to public IM services like MSN® Messenger, Yahoo® Messenger, AIM®, ICQ® or QQ®.

- **Easy Network Monitoring**—With the gateway server, operators can easily monitor their communities.
- **Always Connected** – Connected through XCome's gateway server, subscribers are always connected even when they are not available or if their cell phone is turned off. Through accounts on the gateway server, subscribers can even send messages to contacts that are offline. By the same token, subscribers who were offline do not need to worry about missing messages anymore. After logging back on, they can instantly collect the offline messages which are saved for them on the gateway server.
- **Full Presence Service Available** – With XCome's solution, operators provide their subscribers with all the benefits of a full presence service such as if they are online/offline or logging onto what devices.



Specifications for the Public IM Solution System Requirements

- J2ME MIDP 1.0 (XMessenger requires for MIDP 1.0 to have full duplex read/write on TCP/IP).
- J2ME MIDP 2.0.
- For the image capture function, Java VM must support JSR-135 with video media.
- For the Push-To-Talk function, Java VM must support JSR-135 with audio recording and play back.
- Symbian OS 6.x, Brew, WinCE, Windows Mobile, other OS with porting service.
- Runs on a MIDlet using 100 to 350 kb, depending on the features and the UI configuration.

The SIP Short Messaging Solution

This IMS based solution is the solution for operators who want to provide their subscribers with an easy and already familiar messaging service. Closely resembling the SMS experience, XCome's solution allows operators, who are already equipped with an IMS network, to take advantage of the constantly growing SMS ARPU without any extra investments. The major benefit to end-users is that it includes a presence enabled service which is not normally available for SMS.

- **SMS-Like Messaging Experience** - Because of its close resemblance to the SMS experience, XCome's solution allows operators to provide a messaging experience which looks familiar to subscribers.
- **Flexible Billing Solution** - Following the IMS standard billing system, this SIP Short Messaging Solution enables operators to design a flexible and precise billing process.
- **Presence Enabled Phonebook** - XCome's solution takes advantage of the existing IMS network so operators can provide their subscribers with a full presence service. Subscribers just have to open the integrated phone book and immediately get an overview over the presence status of his contacts.



Specifications for the SIP Short Messaging Solution System Requirements

- Nokia S60 3rd edition or higher
- 3GPP IMS compliant
- 64 KB available storage for installation.
- 200 KB runtime memory.
- Screen Resolution: 90 X 96 or above up to 240 X 320.
- Internet connection via GPRS or W-CDMA.

Upon request:

- BREW
- WinCE
- Windows Mobile
- And other OS with porting service.

XCome
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