

# ActiveXperts SMS & MMS Toolkit

Windows component to send and receive SMS- and MMS messages

**ActiveXperts**<sup>®</sup>  
software  
www.activexperts.com

Adding SMS and MMS features to (web) applications or scripts is not a simple matter. It requires specialized knowledge that might be outside an individual programmer's expertise. For years, VBScript, Visual Basic and Visual C++ developers have relied upon the power, flexibility and reliability of the ActiveXperts SMS & MMS Toolkit. Today, a new generation of .NET developers is taking advantage of the ActiveXperts SMS & MMS Toolkit.

## ■ ActiveXperts SMS and MMS Toolkit Overview

ActiveXperts SMS and MMS Toolkit is an ActiveX/COM component, providing SMS, MMS and Paging capabilities to your application or script. It runs on any Windows 2000/XP/2003/Vista/2008 system.

With just a few lines of code, you can send out an SMS message, for instance via a GSM/GPRS modem, an SMPP provider, or an SMS/HTTP compliant provider:

```
Send a simple SMS message (via GSM Modem / GSM phone)
Set objGsmOut          = CreateObject( "ActiveXperts.GsmOut" )
objGsmOut.Device       = "MultiTech GSM MultiModem" ' Use a Telephony device
objGsmOut.MessageRecipient = "+31624896641" ' Recipient's mobile number
objGsmOut.MessageData  = "Hello, world!" ' SMS message text
objGsmOut.EnterPin ( "1234" ) ' SIM card's PIN code
objGsmOut.Send         ' Send the SMS message now
WScript.Echo "Result: " & objGsmOut.LastError
```

With a few more lines of code, you can send out an MMS message, for instance via a GSM/GPRS modem, an SMTP/MMS compliant provider, or an XML/SOAP compliant MMS provider:

```
Send a simple SMS message (via GSM Modem / GSM phone)
Set objGsmOut          = CreateObject( "ActiveXperts.GsmOut" )
objGsmOut.Device       = "MultiTech GSM MultiModem" ' Use a Telephony device
objGsmOut.MessageRecipient = "+31624896641" ' Recipient's mobile number
objGsmOut.MessageData  = "Hello, world!" ' SMS message text
objGsmOut.EnterPin ( "1234" ) ' SIM card's PIN code
objGsmOut.Send         ' Send the SMS message now
WScript.Echo "Result: " & objGsmOut.LastError
```

## ■ Easy to use

ActiveXperts SMS & Pager Toolkit is easy to use; the product ships with sample source code for various development platforms, including samples for:

- Visual Basic .NET and Visual C# .NET.
- ASP .NET (VB/C#) and ASP 2.x.
- Visual Basic
- Visual C++
- VBScript and VBA (Visual Basic for Applications).
- Borland Delphi
- Borland C++ Builder 6
- HTML/Javascript
- PHP
- ColdFusion
- Any other OLE container platform.

## ■ SMS Features

ActiveXperts SMS and MMS Toolkit features the following functionality:

- Send alphanumeric text SMS messages
- Send multimedia SMS messages, including ringtones, pictures and logo's
- Send new voicemail/e-mail/fax/MMS indications
- Verify delivery of outgoing SMS messages
- Send WAP Push messages
- Send WAP Bookmarks
- Receive SMS messages
- Receive SMS messages from different storage locations
- Support for Unicode, to support foreign languages like Chinese, Turkish, etc.
- Support for multi-part messages, to allow messages longer than 160 characters
- Support for GSM modems and GSM phones to send and receive SMS messages
- Support for SMS/HTTP providers for medium/large message volumes
- Support for SMPP (Short Message Peer to Peer) providers for large message volumes
- Support TAP/XIO and UCP dial-in SMSC providers
- Support Windows 'Phone and Modem devices' and direct COM ports
- Support Multi-threading environments. The component is thread-safe, which means it can be used in a multi-threaded environment
- Troubleshooting facilities by tracing all modem commands and responses

# ActiveXperts MMS Toolkit

Windows component to send and receive MMS messages

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Adding MMS features to (web) applications or scripts is not a simple matter. It requires specialized knowledge that might be outside an individual programmer's expertise.

For years, VBScript, Visual Basic and Visual C++ developers have relied upon the power, flexibility and reliability of ActiveXperts MMS Toolkit. Today, a new generation of .NET developers is taking advantage of ActiveXperts MMS Toolkit.

## ■ ActiveXperts MMS Toolkit Overview

ActiveXperts MMS Toolkit is an ActiveX/OLE component, providing MMS messaging capabilities to your application or script. It runs on any Windows 2000/XP or higher system.

MMS Toolkit supports the following MMS devices/protocols:

- MM1 – MMS messaging via a GSM/GPRS Modem (or GSM/GPRS Phone). Connect an USB GSM/GPRS modem to your PC/server and send out MMS messages over GPRS.
- MM4 – MMS messaging via SMTP.
- MM7 – Uses HTTP for communication and utilizes SOAP/MIME/XML message format.

With just a few lines of code, you can send out an MMS message. Sample code to send an MMS message via GPRS (MM1):

```
Send an MMS message via a GPRS modem

Set objConnection = CreateObject ( "ActiveXperts.MM1Connection" )
Set objMessage = CreateObject ( "ActiveXperts.MMSMessage" )
Set objSlide = CreateObject ( "ActiveXperts.MMSSlide" )
Set objConstants = CreateObject ( "ActiveXperts.MMSConstants" )

' MMSlide: Add duration, attachments(s) and text(s)
objSlide.Clear()
objSlide.Duration = 10 ' Display this screen for 10 seconds
objSlide.AddAttachment( "logo.gif" ) ' Add a multimedia attachment
objSlide.AddText( "The ActiveXperts logo" ) ' Add a description

' MMSMessage: Set properties
objMessage.Clear() ' Clear the message object (good practise)
objMessage.Subject = "My Message" ' Subject of the message
objMessage.AddTo( "+4412345678" ) ' MMS recipient; phoneNumber/ e-mail allowed

' MMSMessage: Add slide
objMessage.AddSlide( objSlide ) ' Add slide to message

' MMS Connection: Set device
objConnection.Device = "Falcom SAMBA" ' Set GSM/GPRS modem

' MMS Connection: Load provider properties
objConnection.LoadProviderConfig( "C:\Program Files\ActiveXperts\MMS Toolkit\Vodafone.mml" )

' MMS Connection: Connect
objConnection.Connect()
If ( objConnection.LastError <> 0 ) Then
    WScript.Quit
End If

' MMS Connection: Send the MMSMessage, including one or more slides
objConnection.Send ( objMessage )

' MMS Connection: Disconnect
objConnection.Disconnect()
```

## ■ ActiveXperts MMS Toolkit : Easy to use

ActiveXperts MMS Toolkit is easy to use; the product ships with sample source code for various development platforms. The product ships with hundreds of pre-defined provider configuration files for different countries.

## ■ ActiveXperts MMS Toolkit Features

ActiveXperts MMS Toolkit features the following:

- Support for GSM/GPRS modems/phones (MM1) including support for Windows TAPI and Windows RRAS.
- Support for SMTP compliant MMS providers (MM4).
- Support for SOAP/XML compliant MMS providers (MM7).
- Supported image message types: JPG, GIF, PNG, BMP, WBMP, TIF.
- Supported sound message types: WAV, MP3, MIDI, AC3.
- Supported video message types: GP3, AVI, MPG, MP4.
- Other supported multimedia messages: VCARD, VCALENDAR, JAR.
- Multiple slides per MMS message.
- Multiple multimedia attachments per slide.
- Support for different message class types, including 'personal', 'advertisement', 'informational' and 'auto'.
- Support for different message priorities.
- DRM (Digital Rights Management) support.
- Support for multi-threading environments. The component is thread-safe, which means it can be used in multi-threaded applications.
- Troubleshooting facilities by tracing all modem commands (MM1), SMTP operations (MM4) and SOAP operations (MM7).

Use any of the following development platforms:

- Visual Basic .NET and Visual C# .NET.
- ASP .NET (VB/C#) and ASP 2.x.
- Visual Basic 5.x (or higher), Visual C++ 5.x (or higher).
- VBScript and VBA (Visual Basic for Applications).
- Borland Delphi 7 (or higher), C++ Builder 6 (or higher).
- HTML, ColdFusion, PHP.
- Any other OLE container platform.

Visit [www.activexperts.com/mmstoolkit](http://www.activexperts.com/mmstoolkit) for more information.

Download your evaluation version at <http://www.activexperts.com/download>  
(Full functioning trial version, limited to 30 days of usage)