

# ActiveXperts SMS Toolkit

Windows component to send and receive SMS- and Pager messages

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Adding SMS and Pager 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 Toolkit. Today, a new generation of .NET developers is taking advantage of the ActiveXperts SMS Toolkit.

## ■ ActiveXperts SMS Toolkit Overview

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

SMS Toolkit supports the following SMS devices/protocols:

- § GSM/GPRS Modem (or GSM/GPRS Phone) – connect an USB GSM/GPRS modem to your PC/server. The modem requires a regular SIM card. Throughput approx. 12 messages per minute.
- § SMPP (Simple Message Peer to Peer) – SMS delivery via an SMPP provider over the internet. Throughput approx. 600 messages per minute.
- § HTTP-Post – SMS delivery via an HTTP-Post compliant provider over the internet. Throughput approx. 50 messages per minute.
- § TAP/UCP SMSC – SMS delivery via a Hayes compatible modem, using dial-up. Throughput approx. 2 messages per minute.

SMS Toolkit supports the following Pager devices/protocols:

- § SNPP (Simple Network Pager Protocol) – alpha-numeric paging via an SNPP provider over the internet.
- § Hayes modem – numeric paging using dial-up.

With just a few lines of code, you can send out an SMS message, for instance via a GSM/GPRS modem (or phone):

### 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
```

The SMPP protocol is designed for bulk SMS messages. With ActiveXperts SMS Toolkit, you can send out an SMS message through an SMPP provider with just a few lines of code:

### Send a simple SMS message (via SMPP)

```
Set objSmpp = CreateObject( "ActiveXperts.Smpp" )
objSmpp.Server = "smpp.activexperts-labs.com" ' SMPP server
objSmpp.ServerPort = 2775 ' TCP/IP port
objSmpp.SystemID = "AX005" ' SMPP server login
objSmpp.SystemPassword = "812056" ' SMPP server password
objSmpp.Connect
If objSmpp.IsConnected = True Then
  objSmpp.MessageRecipient = "+31647134225" ' Recipient mobile number
  objSmpp.MessageData = "Hello World via SMPP" ' SMS message text
  objSmpp.Send ' Send the message
  objSmpp.Disconnect ' Disconnect
End If
WScript.Echo "Result: " & objSmpp.LastError
```

## ■ Features

ActiveXperts SMS Toolkit features the following::

- § GSM/GPRS modems/phones support.
- § SMPP bulk provider support.
- § HTTP-Post complaint provider support.
- § TAP/XIO and UCP dial-in SMSC provider support.
- § SMS Send and SMS Receive.
- § Alphanumeric SMS messages.
- § Alphanumeric Pager messages (via SNPP).
- § Numeric Pager messages (via DTMF).
- § Multimedia SMS messages, including RTTTL/RTX ringtones, pictures and logo's.
- § Indications, including new voicemail/e-mail/fax indications.
- § Flash SMS message.s
- § WAP Push messages and WAP Bookmarks.
- § Verify delivery of outgoing SMS message.
- § Unicode support, to allow foreign languages like Chinese, Turkish, etc.
- § Multi-part messages support, to allow messages longer than 160 characters.
- § Windows 'Phone and Modem devices' and direct COM port 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.

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.

## ■ Easy to use

ActiveXperts SMS Toolkit is easy to use; the product ships with sample source code for various development platforms.

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

# 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.

SMS 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.MMSConnection" )
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 SMS 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).
- § Support for TAP/XIO and UCP dial-in SMSC providers
- § 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).
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- § HTML, ColdFusion, PHP.
- § Any other OLE container platform.

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

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(Full functioning trial version, limited to 30 days of usage)