



Auron SMS Component

A quick and easy API to add SMS or Pager functionality to your applications

SMS Component Overview

The Auron Software SMS Component is an ActiveX/COM object that can be used in almost any programming platform available for Microsoft Windows.

Key features of the Auron SMS component include:

- Full GSM Modem support
- Android smartphones can be used for sending and receiving SMS from PC.
- SMPP Client and Server support
- HTTP web client supported
- Portable HTTP server API
- SNPP support for Pager messages
- SMPP and HTTP protocols can be fully secured using SSL or TLS encryption
- GSM modems can connect through COM (Serial), Telnet as well as Raw TCP.
- Supports multipart, push and flash
- Full support for binary SMS messages or custom UDH headers

Easy to program

The Auron SMS Component contains working examples in these programming languages:

- Visual C# .NET and Visual Basic .NET
- ASP.NET (C# / VB) and ASP 2.x
- Visual C++
- VBScript, VBA and VB6
- Delphi
- PHP and Coldfusion

Easy to deploy and troubleshoot

Auron Software Components are known to be easy to deploy and easy to troubleshoot.

- Protocol level logging. All protocol level commands and responses can be logged
- Super portable. Just a single '.dll' file contains everything you need
- Thread safety. The SMS component is safe to use in multithreaded environments

Using the SMS Component in PowerShell:

```
SendMsg1 X
80 $strResult = "Bind_result: " + $objSmpp.LastError + " (" + $objSmpp.GetErrorDescription($objSmpp.LastError) + ")"
81 write-host $strResult
82
83 if ($objSmpp.LastError -ne 0)
84 {
85     $objSmpp.Disconnect
86     exit
87 }
88
89 # Message: set all properties
90 $objMessage.Clear()
91 $objMessage.ToAddress = ReadInput "Enter Recipient: " $FALSE
92 $objMessage.Body = ReadInput "Enter the message text you want to send to the recipient: " "Hello, world!" $FALSE
93 $objMessage.RequestDeliveryReport = $TRUE
94
95 # Send the message
96 write-host "Sending the message..."
97 $objSmpp.SubmitMsg($objMessage)
98 $strResult = "SubmitMsg_result: " + $objSmpp.LastError + " (" + $objSmpp.GetErrorDescription($objSmpp.LastError) + ")"
99
100 write-host $strResult

Auron SMS Component: 6.5
Build: 6.5.1.913 (64bit)
Module: AURON.dll
License Status: Expires: 01/01/2020
License Key:
Log File used: C:\Users\test\AppData\Local\Temp\Smpp_Log
Enter hostname of SMPP server leave empty for gateway.auronsoftware.com
gateway.auronsoftware.com
Enter portnumber of SMPP server leave empty for 2775
2775
Enter account systemID leave empty for 7C7F7C78

Running script / selection. Press Ctrl+Break to stop. Press Ctrl+B to break into debugger. Ln 89 Col 30 100%
```

Common use cases

The Auron SMS component is commonly used by:

- Windows Desktop software developers because of its ease of use, versatility and troubleshooting options
- System integrators because of its ease of deployment and seamless integration into the Microsoft Windows operating system

Also available on NuGet:

<https://www.nuget.org/packages/AxSms>

Download a fully functional 30-day trial at www.auronsoftware.com/download

System requirements: Windows XP/7/8/10 or Windows Server 2008, 2008R2, 2012, 2012R2, 2016, 2019