



Stargazer Notifier General Information

Software

Stargazer's partner, 2sms, provides software that is available in several versions and for many purposes. You can use one of these options, or mix and match. All billing and accounting for message traffic sent using any of these solutions will consolidate into your main text messaging account.

Windows - The 2sms desktop client software runs on any version of Microsoft Windows from Windows 98 onwards, including server editions. You can send messages from your PC using your Stargazer Notifier account. Up to 1,000 recipients can be sent a message at one time, either immediately or at a specified future date and time.

Templates and drafts can be saved to file, then loaded and sent later. The ability to run various reports on sent messages is built into the software. These can be saved to a CSV file and then loaded into a spreadsheet for analysis.

Mac OS X/OS 9 – You can send messages from Mac OS X or Mac OS 9. The 2sms Mac client, provided by a third party, will install onto a Mac computer to allow you to send messages from your computer using your Stargazer Notifier account. Messages can be sent to one or multiple destinations, and can be sent immediately or scheduled for future transmission. All messages sent can be viewed online; you simply log onto your Stargazer Notifier account and run a report to see when messages were delivered. Additional information is available at: www.boisseau.co.uk

Linux – You can send messages from Linux. Developed by a third party, the application is fully supported and source code is available. Additional information is available at: www.boisseau.co.uk

Java - The Java desktop client provides the full core messaging functionality of the Windows client application, including the ability to send a message to multiple recipients simultaneously, and for scheduling messages to be sent at a specified future date and time.

The principal advantage over the Windows client is platform independence. Using 100% pure Java, it is capable of operating on any system that supports the Java Virtual Machine (JVM), including Sun Solaris and a variety of UNIX and Linux systems. Just like Windows software, the Java desktop client is available branded with the name and logo of the customer.

Command Line - The Windows Desktop SMS client exposes a command line interface, allowing access to text messaging functions from a DOS command prompt. This can be very useful, especially for sending text messages from a batch file

Download and install the Desktop SMS client software, open a command prompt window and navigate to the folder into which the client software was installed, from where entering the command displays help detailing the numerous options available.

Mobile Software

Windows Mobile –This software will install onto a Windows Mobile device, and access your account with Stargazer Notifier over GRPS. This will allow you to send messages and run reports on traffic sent.

This solution has passed the Microsoft 'Designed for Windows Mobile' certification program.

Blackberry - 2sms offer three solutions for Blackberry users:

1. The 2sms Web service at www.2sms.com allows you to send text messages to all Blackberry devices
2. Blackberry users can access their 2sms account using the Blackberry optimized site at <http://www.2sms.mobi>
3. 2sms offer a Java Midlet optimized for Blackberry devices

Palm - 2sms is developing a Palm OS solution, with an estimated release date of July 15th. 2sms also offers a Windows Mobile edition that can be installed on any Palm device running Windows Mobile 5.0.

PDA – When away from your desk, 2sms offers a mobile solution. Using a Smartphone, PDA or Blackberry, you can access your account by visiting <http://www.2sms.mobi>. This version of the 2sms Web site is designed for use with mobile browsers and is optimized to provide fast, easy and secure access to core 2sms services. Text messages sent from this site are charged to your 2sms account, not your mobile device.

Please note that this service use a GPRS or WiFi link to access the internet, and may incur mobile internet charges billed by your network operator.

Java Midlet – If you have a mobile phone that supports J2ME, you can download the 2sms SMS Java midlet to use the 2sms service from your phone. With the Java midlet, you can access your 2sms account, send messages, run reports and access customer service. The 2sms Java Midlet uses GPRS or WiFi to access your 2sms account over HTTP. Any messages sent are billed to your 2sms account.

Please note that GPRS / WiFi access is dependent on the capabilities of your mobile phone, and that this service will use GPRS or WiFi to access the 2sms PDA web site. This may incur mobile internet charges billed by your network operator.

Software Add-Ins

Microsoft Outlook 2003/XP and Microsoft Excel 2003/XP - Add-ins for Microsoft Outlook and Microsoft Excel are designed for Outlook and Excel XP and 2003. They make sending a text message as easy as email. Up to 1,000 recipients can be sent a message at one time, either immediately or at a future specified date and time.

The add-ins feature the same reporting capabilities as the Windows Desktop SMS client. This provides an audit trail for tracking any message sent, whether from Outlook, the web, a Blackberry or any of our other software solutions.

Templates and drafts can be saved to file, then loaded and sent later. Contacts may be copied between Outlook and the 2sms address book, or sent via text message as a virtual business card. Contact information may be uploaded from worksheets straight into the 2sms address book, or the address book contents may be downloaded into a worksheet. Reports can be downloaded straight into a worksheet for analysis or saving to file.

Microsoft Office 97/2000 - Add-ins are available if you are running versions of Microsoft Office prior to Office XP. The Excel add-in allows customers to send one or more messages to up to 1,000 recipients, to view reports on messages sent and to upload contact information into the 2sms address book. The multi-message spreadsheet allows customers to send messages that are longer than 160 characters to individuals or groups. The message pair spreadsheet allows a different message to be sent to each recipient.

Lotus Notes – Two solutions work within Lotus Notes, using Lotus Notes 5.x or above:

1. A simple Lotus Notes client solution
2. An advanced Lotus Notes client/Domino server template, including address book integration, for wider deployment

Filemaker - Desktop SMS Database Edition (DBE) client software and its companion ODBC setup tool can be used to access contact information stored in recent editions of the Filemaker database for the purpose of text messaging.

Using Any ODBC Driver - The Desktop SMS Database Edition (DBE) client software allows customers to access contact information held in any data store for which they have an ODBC driver and to which they have access.

The companion ODBC setup tool is used to define how the client software accesses the required contact information. The client then extracts the contacts, displays them and can send messages to them.

The DBE client is designed for high volume sending to large groups of contacts drawn from enterprise databases. It leverages prior investment by integrating text messaging with existing data warehouses and contact management systems. This saves time, effort and expense, and enhances information security.

Portal Technologies – 2sms supports many different portal technologies, including Microsoft SharePoint, IBM Websphere: versions 4 and 5, BEA Weblogic, Oracle, SAP, JSR-168, and Salesforce.com. Please contact 2sms, at 877 276-7266, if you require information about these services.

Sending Via Email

2sms offer an email-based process that allows you to send formatted emails to 2sms for onward delivery to the text messaging (SMS) network. This service is primarily intended for server-generated alerts. If you have a monitoring system that is currently configured to send an alert E-mail, you can use your system to generate an alert text message (SMS) by modifying your mail template.

Please note that this solution is intended only for relatively small numbers of 'generated' emails, with small distribution lists. Larger volumes should take advantage of the 2sms XML web services. Microsoft Outlook users should use the 2sms Microsoft Outlook SMS add-in. Lotus Notes users should use the 2sms Lotus Notes SMS application.

Sending by FTP Upload

If you do not wish to, or cannot, install any software on your machine, you can send messages by uploading a plain text file to the 2sms FTP server. We offer an automated process for sending messages into the SMS network, using a text file upload system. Simply upload a text file to us using FTP, and the 2sms systems will process the file into text messages for you. The text file gives your details, the message, an optional send date

and time and destinations. Please contact 2sms, at 877 276-7266, if you require information about FTP services.

LDAP

If you use an LDAP compliant directory within your organization, you can opt to configure your SMS account to use the LDAP directory, instead of holding an address book on the 2sms server.

LDAP options are available for use in the 2sms web site, 2sms SMS Portlet for IBM WebSphere, and 2sms SMS Control for BEA WebLogic.

Please contact 2sms, at 877 276-7266, to request assistance with the integration of LDAP directory and XML web services.

XML Gateway Services

2sms supports XML and related technologies, which allows customers to send text messages, manipulate address books, manage group distribution lists, run reports, and manage their own account and any sub accounts. XML services allow developers and programmers to access these services remotely.

A developer can integrate text messaging services into their own IT infrastructure by sending XML requests to do all of the functions possible on the web site. With XML, you can now enable your business to text message from within your own applications and intranet.

For further information about XML services, contact 2sms, at 877 276-7266.

Code Samples

2sms makes it easy for you to plug 2sms functionality into your applications. Samples are available for:

- ASP
- C#
- Java
- PHP
- Perl
- Python
- VB
- VB.NET
- VBA

For further information, or to obtain code samples, contact 2sms at 877 276-7266.

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