SpectraSMS Suite +

Bringing Purpose To Wireless Technology

About Us

We provide customer centric solutions in areas of software systems addressing various business needs. AIS has established itself as a high profile "Software Solution Provider", implementing Mobile, Web and Business solutions, offering integrated turnkey solutions and IT enabled services. Today, AIS provide a full range of software support that addresses the enterprise business needs for integrated and seamless information. No matter what the platform or how complex the technology needs, AIS has the expertise to drive both business and technology strategies forward.

Business Needs

With the proliferation of mobile technologies in our daily lives, one of the most potent communication tools is easily accessible at the touch of a button. Not only is this tool omnipresent, providing instant accessibility, but also provides for inexpensive communication on the go.

Multifarious technologies should be able to talk to each other to provide for fast and effective communication, enabling informed business decisions.

SpectraSMS

SpectraSMS: An integrated platform for mobile communications
SpectraSMS Suite (1.02) is developed to address the business need for an enterprise, key verticals and mobile operators with innovative, best in class applications that brings out new possibilities for process optimization, value added services, collaboration, workflow management with the convenience of seamless integration with mobile and existing communication technologies.

Catering to the business needs
With these business needs in view, SpectraSMS has been developed for:
- § Collection of data / information
- § Dissemination of information in a comprehensible format
- § Ease of accessibility
- § Secure Communication

The Value
SpectraSMS Suite integrated with business systems (both existing and new) enables informed decisions.
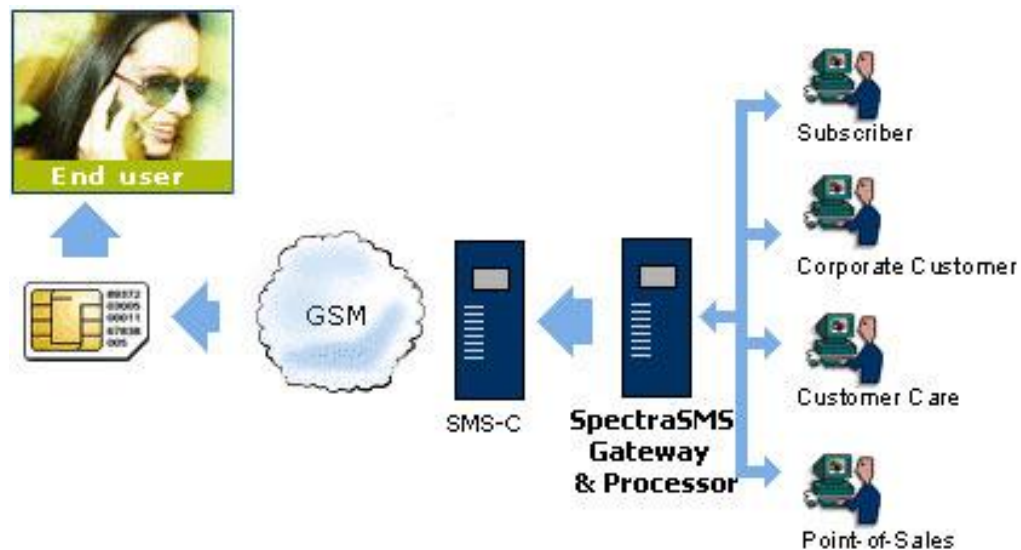
Concept

Spectra-SMS is a mobile messaging product that is capable of reliable and fast information sharing between business-to-business or business-to-individual, information sharing via SMS (Short Messaging Services).

Spectra SMS works with GSM or SMPP services provided by mobile service providers. It can be integrated with any RDBMS with minimal settings.

SpectraSMS Suite is integrated Mobile Gateway Server and SMS Query processor.

The **SMS Gateway Server** is responsible for sending and receiving messages. It works well with GSM Modem and SMPP (TCP/IP connection provided by any service provider for handling more than 300 messages per minute).

The product is designed with the latest Microsoft development tool –Visual Studio .Net and one of the best platform independent languages JAVA™.

The **SMS Query Processor** is responsible for all information processing connected to the business database. **Query Processor** retrieves the information from business database and submits back to the SMS Gateway Server.

XML (Extensible markup language) has been used as the middle-tier between the application and the business database, which ensures that there is no direct commutation between end-user and the business database. Application retrieves the data from database and stores in the XML documents.

SpectraSMS Features

Inter platform communication
- § <u>E-Mail to SMS</u>: Redirects the E-Mails to the mobile phones converting the E-Mail content in SMS format truncated to 160 characters or split into multiple SMS
- § <u>SMS to E-Mail</u>: Diverts SMS to the E-Mail any pre-specified client

Information Accessibility
- § Query any existing database using SMS from any mobile by just typing few characters.
  - o <u>Restricted</u>: Secure information accessibility allowed to specific mobile users within a predefined group
  - o <u>Open</u>: Allowed to all mobile / email users

Information dissemination
- § Scheduled broadcast of information using SMS

Information Collection
- § Scheduled voting, viz. collect information using SMS and generate customized reports

Reports
Customized reports can be generated from the application highlighting the information accessibility, frequency, type of information that is being accessed and the type of users who all are accessing the information. The software also generates log files, which can be made available for any MIS information.

Product Features

- Connects to 64 GSM Wireless modems simultaneously
- Grouping of mobile users in Phone book (in-built)
- Automated SMS Log
- Connection to multiple Application Databases
- Restricted or Open Campaigns / Broadcasts / Votes & Polls
- Scheduled Campaigns / Broadcasts (information dissemination)
- Support for International SMS
- Configuring Advanced Queries
- Multiple SQL statements in a Query
- Use Oracle / MSSQL / DB2 as External Store
- Connect any ERP like SAP or Oracle immediately
- Security / Privileged Access
- Unauthorized Access Notification via SMS / Email
- Multiple Parameters in single Request
- Receive SMS Requests from Email

- Forward SMS via Email (Redirects your E-Mails to a given mobile Number by specifying mobile nos. in subject E-Mails to SMS)

- Send Responses to Email Address

- Send Files to Email Address

- Send Messages to Email (You can send E-Mails by writing #user from your mobile, any where any time SMS to E-Mails).

- Remote Customer Database Connection

- Dynamic Database Lookup for Campaigns

- Rule Driven SMS Save (Multiple Voting / Polls)

- Multiple Requests in one SMS

- Multiple Responses in one SMS

Applications

Broadcast Information

Product Promotion

To **broadcast information** about new product launches or for services, create scheduled broadcast commands that will automatically run and send SMS to associated mobile nos.

Mobile Nos. for the broadcast will be taken from internal phone book / database available at customer's end.

Query Information

Product Query

To retrieve information about the newly launched product

*Type **Prd** followed by **Product Name** to get up to date info*

ORDER PLACEMENT

To check for product status or place order for product

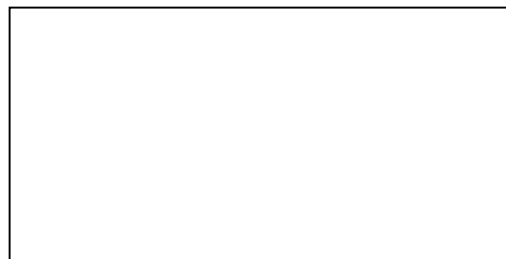*Type **ORD** followed by **Product Code** and **Qty** to place an order*

Hardware Requirement

S. No	Area of requirement	Specifications	Description
1	Local Area Network	Existing LAN (Local Area Network) with the email clients configured.	LAN with one mail server.
2	Wireless	GSM Modem	For SMS gateway server to interact with the mobile users.
3	Hardware	P-III or above with at least 128 MB RAM, LAN card (for license authentication), 200 MB free hard disk space (includes log files storage space).	To Run the SMS Query processor and SMS gateway server.

Software Requirement

S. No	Area of requirement	Specifications	Description
1	O/S	Any windows OS version from windows 2000 or above	For running the Application
2	Prerequisite	.NET framework, JVM	Provided with application

Contact

AUTHORISED DEALER: