q-Mobile Server

Information Sheet
Version 2.0

Introduction

Information is often described as useful facts or data. More often than not, most database systems can contain facts that are not being utilized. This may be due to lack of computer literacy or lack of time in finding the necessary information within the system. The most crucial part in delivering information is to satisfy the what, when and where of the practical world. Imagine a sales executive out in the field (*where*) needing information (*what*), at that instant (*when*), however that valuable data is out of reach. This is what q-mobile Server aims to bridge. It bridges all these *shortcomings* needed to fully utilize the system.

q-mobile Server is an integrated I.T. Solution aimed at harnessing the powers of mobile SMS (Short Messaging System) technology into the business. The Mobile Server links to any database server[1] allowing instantaneous access to any information within the database to anybody with a mobile phone. By sending an SMS request to the SMS Server, the server will reply with the corresponding result as obtained from the database (see figure 1).
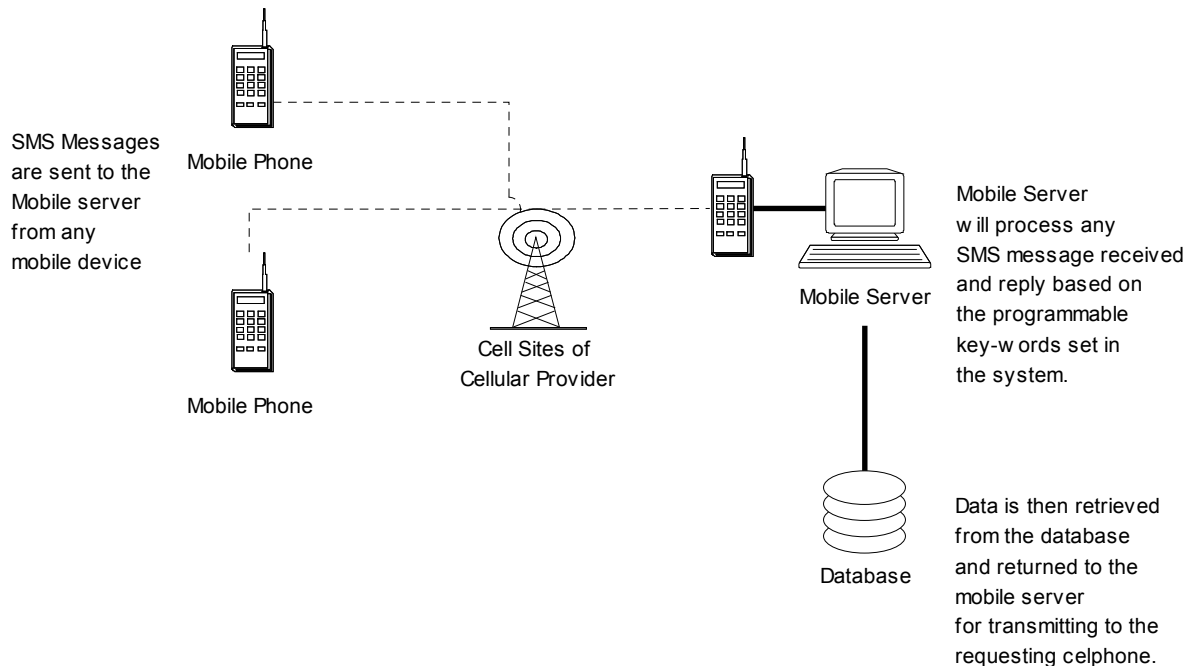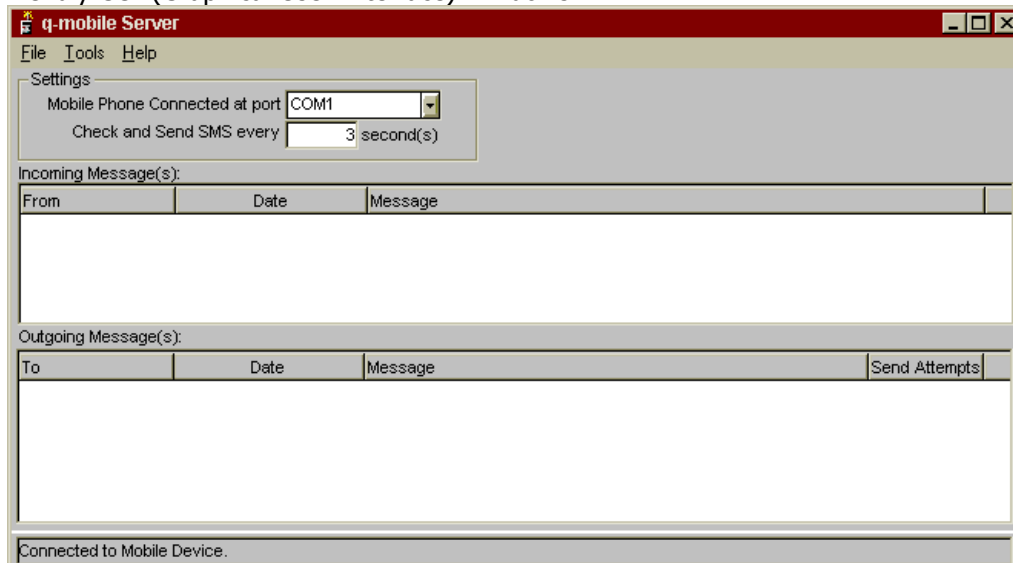
SMS Messages are sent to the Mobile server from any mobile device

Mobile Phone

Mobile Phone

Cell Sites of Cellular Provider

Mobile Server

Mobile Server will process any SMS message received and reply based on the programmable key-words set in the system.

Database

Data is then retrieved from the database and returned to the mobile server for transmitting to the requesting celphone.

Figure 1.

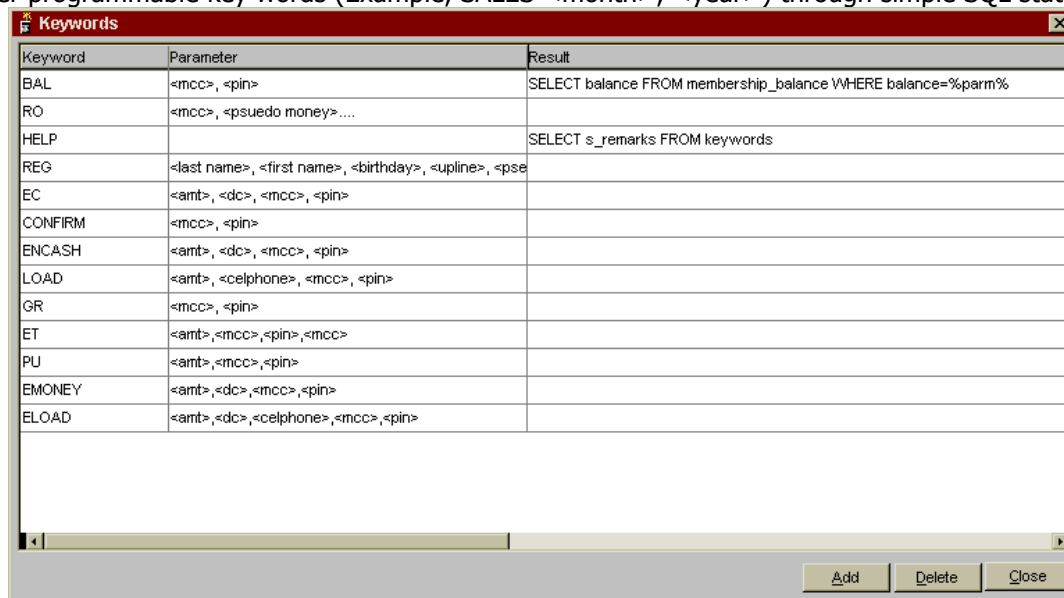[1] Microsoft SQL Server, Oracle, Informix, Sybase or any ODBC Compliant SQL Engine

Features of the System

The following are the key features of the System:

- User-friendly GUI (Graphical User Interface) Windows.

q-mobile Server

File Tools Help

Settings
Mobile Phone Connected at port COM1
Check and Send SMS every 3 second(s)

Incoming Message(s):

From	Date	Message

Outgoing Message(s):

To	Date	Message	Send Attempts

Connected to Mobile Device.

- It is an open-database system allowing it to connect to virtually any major databases (Microsoft SQL Server, Oracle, Sybase, Informix).
- User programmable key words (Example, SALES <month>, <year>) through simple SQL statements.

Keywords

Keyword	Parameter	Result
BAL	<mcc>, <pin>	SELECT balance FROM membership_balance WHERE balance=%parm%
RO	<mcc>, <psuedo money>….	
HELP		SELECT s_remarks FROM keywords
REG	<last name>, <first name>, <birthday>, <upline>, <pse	
EC	<amt>, <dc>, <mcc>, <pin>	
CONFIRM	<mcc>, <pin>	
ENCASH	<amt>, <dc>, <mcc>, <pin>	
LOAD	<amt>, <celphone>, <mcc>, <pin>	
GR	<mcc>, <pin>	
ET	<amt>,<mcc>,<pin>,<mcc>	
PU	<amt>,<mcc>,<pin>	
EMONEY	<amt>,<dc>,<mcc>,<pin>	
ELOAD	<amt>,<dc>,<celphone>,<mcc>,<pin>	

Add Delete Close

- Comprehensive Security feature, which can be turned on and off. This feature allows only certain mobile phone numbers access into the database.[2]
- Historical Record/Audit Trail of all text messages received and sent by the system.

---

[2] Available only in q-mobile Server Standard and Professional Edition.

- Is packaged into three different editions, to suite your company's needs and requirements. The Starter Package, Standard Edition, Professional Edition.
- More people are SMS literate than computer literate. The system will bring the information to the fingertips of the computer-illiterate people.

Practical Applications of the System

The System can be used and merged with almost any existing database system. The following are sample practical uses of the system:
- The system can be linked with any financial or sales database giving crucial information at the fingertips of the manager when and where-ever he needs it. The manager may be out of the office or even out of town but can still monitor the sales of the company just by sending a text message to the q-mobile Server.
- The system can be linked to a payroll system. Allowing the employees access to their loan (vale) information, allowable leaves and other pertinent information. This is useful if the work force is large and is scattered in different locations.
- The system can be linked to an inventory system giving the stock on hand information to a sales agent. This will allow the sales agent to decide what items to sell and if they are still in stock.
- This system can be linked to an accounts receivable system. Allowing the sales agents to inquire on the outstanding receivable of a particular customer. This allows the sales agent to verify this against the credit limit of the customer.
- This system will allow sales kiosks to report end of day sales to the main office. This will allow the office to track the kiosks sales at a more real time basis.
- This system can be linked to a delivery-tracking database. This allows the customers to monitor the delivery of their ordered items. Where it is and when it will arrive.
- This system can be used as a marketing strategy. Promos can be set-up where customers can text in their information.

There are a lot of other applications of the system. But what it basically does is to empower the people within the company by giving information on demand.

System Requirments
- Pentium II or higher CPU with available serial port (COM Port)
- Mobile Kit (is packaged with the q-mobile Server)
- SIM Card (post-paid or pre-paid) from any Mobile Provider (i.e., Globe, Smart, Sun)
- Windows 98 SE and higher Operating System
- Microsoft SQL Server or any ODBC Compliant Database Server

Packages and Pricing

	Starter Kit	Standard Edition	Professional Edition
Packaged with Mobile Kit	Yes	Yes	Yes
Connects to any Database	Yes	Yes	Yes
Max. Number of Programmable Key Words	5	20	Unlimited
Included Free Programming of Key Words	3	5	5
User Programmable Key Words	No	No	Yes
Security Feature (see explanation above)	No	Yes	Yes
Price	Call for Price	Call for Price	Call for Price

Note: Programming of keywords can be done by QCD or by your own personnel. Packages come with free programming of keywords. For additional programming of keywords in excess of the free, QCD will charge based on Time and Material needed to complete the programming.