

## EasySMS Office Database Sync Manager

The EasySMS Office system provides a complete sms solution for companies wishing to deploy an integrated multi-user sms system. The software is deployed as an SMS Server attached to multiple networked Clients.

Whilst users can manually import contacts into the EasySMS Office from either Microsoft Outlook or .CSV files, it is sometimes necessary to be able to synchronise with data from an existing system.

The EasySMS Office Server is capable of auto-importing contact, payment reminder and sms information from .CSV files placed in a specified directory on the EasySMS Office Server PC. These files must be created from the existing application.

### Import Files

The import process must be performed in the following manner:

- The system exporting the data must create (or FTP to ) the export file in the C:\Program Files\EasySMS Office\Import directory.
- Once the file is created (or FTP'ed), it must be renamed to one of the following (dependent on import type)
  - sms.csv - for sms imports
  - contact.csv - for contact imports
  - pay.csv - for payment reminder imports
- The EasySMS Office Server periodically scans the directory for these files and will auto-import the information contained within the file. Once the file has been imported, the file will be deleted.
- Should an error occur on any entries within an import file, a error log file will be produced with the associated entry. The error files have an extension of .err

### File Formats

Please refer to the supplementary information on the following page.

### Custom Import facility

Should you wish to implement a custom database synchronization strategy, please contact Dev Squared Designs. We are willing to consider all requests.

## Supplementary information

### Contact file format

The contact.csv file consists of a single header entry on line 1 followed by the contacts to be imported. Please note the following with regard to the header line:

- Order of fields is not important. Fields can be omitted as required
- Custom fields not defined in the Custom Database Manager (see related docs), will be ignored
- All field definitions must be on the first line
- The mailbox refers to the user mailbox into which this record will be imported (optional field)

#### Header line

Mailbox,Member,First Name,Last Name,E-mail Address,Home Street,Home City,Home Postal Code,Home State,Home Country,Home Phone,Mobile Phone,Business Phone,Business Fax,Company,Title,Birthday,Gender,Nickname,LastUpdated,Children,Amount Owing,Age Group,Handicap

#### Entry line example

0,Peter,Leisegang,rob@devsquared.co.za,47 3rd Ave,Parktown North,2193,,,0117881448,0837867106,0117881448,,Dev Squared Designs (Pty) Ltd,,2007/07/09,Male,,1899/12/30,0,,0

The following fields are standard fields:

Mailbox,Member,First Name,Last Name,E-mail Address,Home Street,Home City,Home Postal Code,Home State,Home Country,Home Phone,Mobile Phone,Business Phone,Business Fax,Company,Title,Birthday

### SMS file format

The sms.csv file consists of sms entries without a header line in the following format:

- Mailbox,Number,SMS Text

#### Entry line example

0,0827867106>Hello rob this is an import sms

### Payment Reminder file format

The pay.csv file consists of sms entries without a header line in the following format:

- Mailbox,First Name,Last Name,Mode,Remind Date,Remind Time,Invoice,Amount,Invoice Date,Paid

#### Entry line example

0,Robert,Leisegang,0,2007/08/15,13:00:00,DS12345,100.57,2007/08/01,0

Please note the following:

- The mailbox refers to the user mailbox into which this record will be imported.
- The mode field can have one of the following values:
  - 0 = Reminder sent once only
  - 1 = Reminder sent once a day
  - 2 = Reminder sent once a week
  - 3 = reminder sent once a month
- The paid field has the following meaning:
  - 0 = Invoice not paid (will generate a payment overdue sms)
  - 1 = Invoice paid (will generate a payment confirmation sms)
- The amount field should not contain the currency symbol