

Guidelines for Integrating with the Blue Moon Forms Software

The Blue Moon Software includes an import feature, which allows you as a software developer to transfer data directly from your application into our Blue Moon database. You can either create the export file and let the user import it manually or you can create the file and launch Blue Moon from your application.

The Import Data Format

The TMSA database has about 140 fields. Blue Moon lets you set up all but fifty-four fields as a default. Hence, every time you create a new lease, the default lease will automatically generate most fields. The remaining thirty-eight fields change from lease to lease, and those are the ones we import from an external source (i.e., your application).

You will need to create a file that follows the Windows INI convention. The advantage of this format is that you can just export the fields that are applicable to your program and you don't have to worry about future changes in the data structure. We recommend that when you create the file you name it TMSA.TXT and put it in the default data path, which is C:\Bluemoon\Data.

All of the fields in the file should fall under a section labeled [LEASE]. Below, is a list of the thirty-two fields that can be exported to Blue Moon. Next to the field name is the maximum character length of the field. All fields are formatted as strings. The only other formatting issues involve dates, telephone numbers, and check boxes. Dates should be formatted mm/dd/yyyy, telephones should be formatted (###)###-####, and check boxes are either 0 for false and 1 for true.

Import File Structure

Field Name	Description
[LEASE]	Section Header
UNITNUM=8	Facility Unit Number
SPACE=20	Additional Spaces Rented
CONTRACTNUMBER=12	
CBINDIVIDUAL=1*	Individual Checkbox
CBBUSINESS=1*	Business Checkbox
TENANTLASTNAME=30	
TENANTFIRSTNAME=18	
TENANTINITIALS=3	
DATEOFBIRTH=10**	Formatted 01/01/2001
ADDRESS=30	
CITY=20	
STATE=2	
ZIP=10	

EMPLOYER=25	
SSNEIN=11	Social Security # or EIN
HOMEPHONE=14***	Formatted (800)555-1212
WORKPHONE=14***	Formatted (800)555-1212
CBMILITARYYES=1*	Military Yes Checkbox
CBMILITARYNO=1*	Military No Checkbox
DRIVERSLICENSE=12	
DRLICSTATE=2	
DRLICEXPDATE=10**	Formatted 01/01/2001
OTHERID=12	
VEHLICENSE=15	
EMAIL=20	
OTHERPERSONS=100	
EMERGENCYCONTACT=100	
ACCESSCODE=14	
OTHERCODES=14	
SECURITYDEPOSIT=8	
BEGINLEASEDATE=10**	Formatted 01/01/2001
RENT=8	
CURRENTRENT=8	Prorated Rent
ADDITIONALRENT=8	
ADDITIONALRENTDATE=10**	
NONREFUNDFEE=8	Non Refundable Administrative Fee
OTHER=8	Other Charges
SALESTAX=8	
NEXTRENTDUE=10**	Next Rent Due Date
SIZE=18	Space Size
INITIALLATECHARGE=8	
SUBSEQUENTLATECHARGE=8	
CBINRESERVES=1*	Military In Reserves Check Box
CBONACTIVE DUTY=1*	Military Active Duty Check Box
CELLPHONE=14***	
MONTHLYRENTALDUE DATE=2	Day of month rent is due (integer)
SUPPLEMENTALRULESDATE=10**	
BOATIDNUMBER=12	Texas ID Number
BOATSERIALNUMBER=15	
BOATMAKEMODEL=15	
BOATVALUE=10	Estimated Value
BOATLENGTH=10	
BOATYEARBUILT=4	Year Build
CBBOATOWNERYES=1*	Tenant is owner of the boat
CBBOATOWNERNO=1*	Tenant is not the owner of the boat
BOATOWNER=85	Name and address of boat owner
MOTORIDNUMBER=12	Motor serial number
MOTORHORSEPOWER=6	
MOTORMAKE=15	

CBINBOARD=1*	Inboard motor checkbox
CBOUTBOARD=1*	Outboard motor checkbox
CBIO=1*	Inboard/Outboard motor checkbox
MOTORVALUE=10	Estimated value of motor
TRAILERLICNUMBER=10	Trailer license plate number
TRAILERLICSTATE=2	Trailer license plate state
TRAILERLICEXP=10	Trailer license plate expiration date
TRAILERSERIALNUMBER=15	Trailer VIN or serial number
TRAILERVALUE=10	Estimated value of trailer
CBTRAILEROWNERYES=1*	Tenant is owner of the trailer
CBTRAILEROWNERNO=1*	Tenant is not owner of the trailer
TRAILEROWNER=85	Name and address of owner of the trailer
TRAILERINSURANCE=30	Insurance provider
TRAILERPOLICYNUMBER=20	
CBAUTOMOBILE=1*	Type of vehicle is Automobile
CBRV=1*	Type of vehicle is a Recreational Vehicle
CBMOTORCYCLE=1*	Type of vehicle is a Motorcycle
CBOTHERVEHICLETYPE=1*	Other type of vehicle checkbox
OTHERVEHICLETYPE=30	Description of other vehicle type
VEHICLEMAKE=20	
CB2DOOR=1*	2- door body style checkbox
CB4DOOR=1*	2- door body style checkbox
VEHICLEMODEL=20	
VEHICLEYEAR=4	
VEHICLEIDNUMBER=30	VIN
VEHICLETITLENUMBER=30	
VEHICLELICNUMBER=10	
VEHICLELICSTATE=2	
VEHICLELICEXP=10	
CBVEHICLEOWNERYES=1*	Tenant is owner of the vehicle
CBVEHICLEOWNERNO=1*	Tenant is not owner of the vehicle
VEHICLEOWNER=85	Name and address of vehicle owner
VEHICLEINSURANCE=30	Insurance provider
VEHICLEPOLICYNUMBER=20	

* A value of 0 equals false and a value of 1 equals true.

** Date fields must be created using a mm/dd/yyyy format.

*** Phone number must be formatted (###)###-####

Launching Blue Moon and Importing the File

You will need to know the location of the program and the import path. The program path is stored in the registry in the following key:

"HKEY_LOCAL_MACHINE\ SOFTWARE\ Blue Moon\TMSA\Main Path"

The import path is stored at:

```
"HKEY_LOCAL_MACHINE\ SOFTWARE\ Blue Moon\TMSA\Import Path"
```

Once the file is created, start Blue Moon by calling the WinExec() Windows API function and pass the following parameter, where filename is the name of the file:

```
/imp=filename
```

Here is an example written in C:

```
char cmd[200];  
sprintf(cmd, "%s /imp=TMSA.TXT", BLUEMOON);  
WinExec(cmd, SW_SHOW);
```

Here is an example of a command-line, which will import the file TMSA.TXT, located in the import path:

```
BLUEMOON.EXE /imp=TMSA.TXT
```

To manually import the file from Blue Moon go to the File pull down menu and select Import from File. You will see all the *.TXT files in your import directory. Select the file to import (e.g. TMSA.TXT). Blue Moon will automatically find the unit in the database (if it does not exist it will create it for you) and will import the data. Once the data is imported Blue Moon will delete the file from the data directory.