

Cellgate Installation and Operation Manual

IMPORTANT WARNINGS :

- GATE MUST HAVE PROPER SAFETY\ENTRAPMENT PROTECTION EQUIPMENT INSTALLED
- ALL USERS MUST BE INFORMED THAT THE GATE **MUST** BE INSIGHT BEFORE OPERATING

Installation

Tools needed:

- Small flat headed screw-driver
- Paper Clip or small pointed object used to release the sim card tray

Inserting the SIM Card (Digi-Code Part # DC-5310)

NOTE: The sim card must be activated before starting. To activate , the cellular provider must be contacted. Use the activation form included in the product box.

- a) Locate the SIM slot on the top panel of the unit (located next to the cable and connectors), and using a paper clip, press the yellow button to release the tray.
- b) Remove the tray, place the SIM card inside the tray and push it back in the slot, making sure you catch the rails at the top of the slot.

Antenna

Connect the antenna wire to the connector on the top of the unit. The base of the antenna is magnetized, so you can either stick it to a metal object or use the enclosed mounting bracket to hold the base of the antenna on a wood or plastic surface.

Make sure that the antenna is placed outside of the operator and as high in the air as possible.

(Note: when placing the Cellgate inside an automatic Parking Gate or similar equipment, make sure to place the antenna on the outside of the equipment or electrical box for clear reception , failure to do so might cause the system to lose reception and force it to periodically restart automatically.)

Power Supply

The Cellgate unit runs on **12VDC** - so if you have 12VDC available on the terminal strip of the operator you are connecting it to - connect to those terminals. If you only have **24VAC** - then you must use the enclosed power adapter (Digi-Code Part # 31-5300) to step the 24VAC down to 12VDC. Simply connect the 24VAC side of the adapter to the operator terminal strip and connect the 12VDC side of the adapter to the Cellgate unit.

Explanation of Cellgate System Indicator

LED Status

System Status

Short flashes

Initiating the unit (may take up to 2 minutes)

Short flash once every 3 seconds

Ready for operation / standby mode

Short Flashes continuously for greater than 3 minutes

System error (no reception, SIM card problem etc...)

Initial Programming

The Cellgate Unit is supplied with a CD-Rom that contains our user friendly software to allow you to program the system with ease.

How To Program

Initial Programming of the Cellgate unit can be done via two different methods:

- a) Via direct cable connection (cable included)
- b) Via a Cellular Modem - Digi-Code Part # DC- 5320 (not included with standard unit)

Important Note for Modem Users:

Please be aware of the following items when transmitting information via Modem.

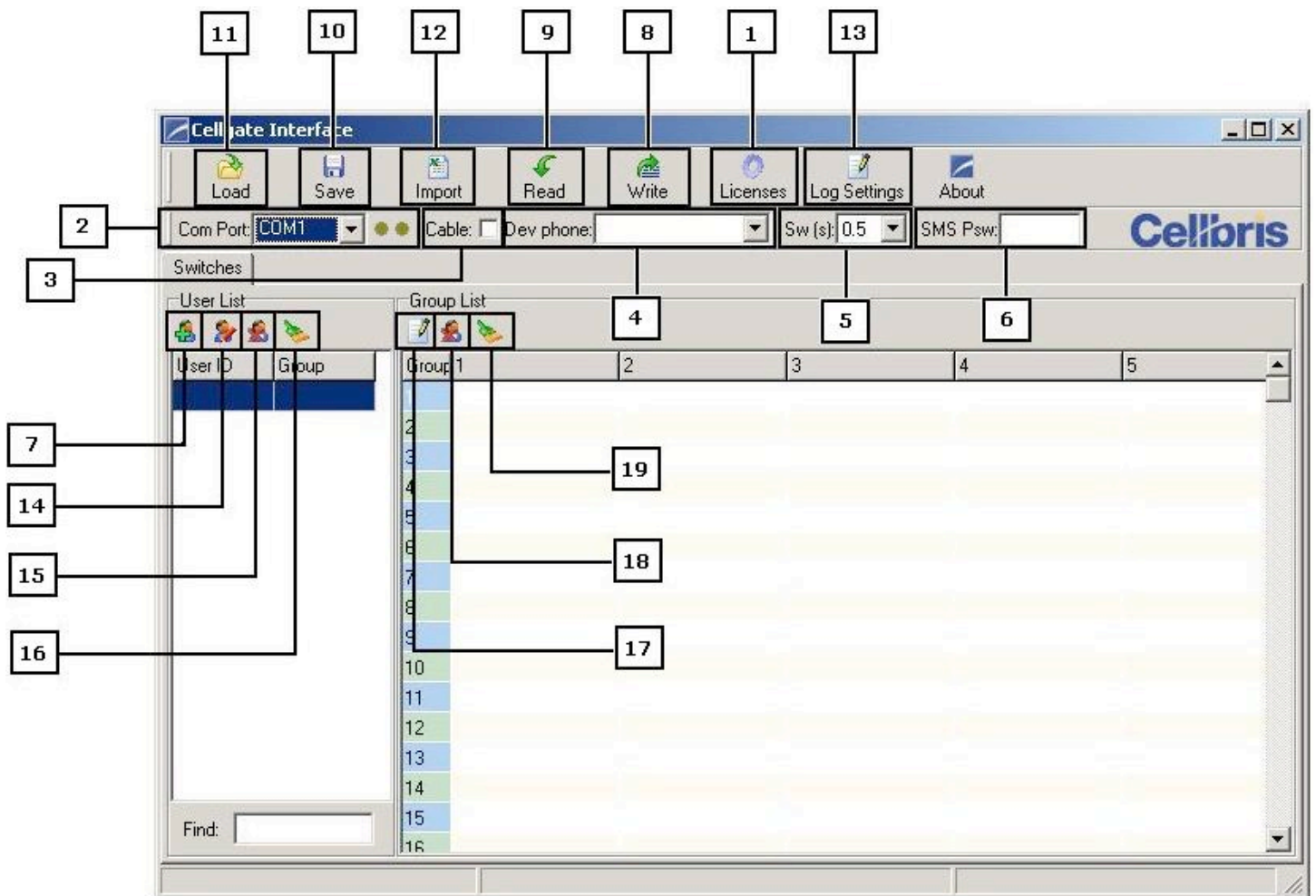
When using a cellular modem make sure of the following:

- The SIM card situated in the cellular modem is from the same cellular provider as the SIM card installed in the Cellgate.
- The SIM card situated in the modem must be enabled with 'Caller ID' (check with service provider).
- Both the SIM card situated in the modem and inside the Cellgate unit must be enabled to allow 'DATA' calls. Please speak with your service provider to make sure your SIM card has the DATA feature enabled.

CELLGATE SOFTWARE OVERVIEW

Functions

1. To enter the License Number which is written on top of the CD-Rom envelope.
2. Select the Com Port outlet where the Modem / Cellgate is connected.
3. Select / Deselect Cable – If connecting to the unit by cable please select "Cable".
4. Location to enter phone number of the SIM card which is installed inside the Cellgate unit.
5. Cellgate operates on a 'normally open mode'. Choose the time you require for the electrical switch the make the relay contact.
6. Enter the four letter password to enable programming via SMS messaging.
7. Click on the icon to add authorized users to the system. In the window that opens up type in the last 8 digits of the mobile phone number of the user you intend to authorize, as well as assign the user group number*.
8. The write option transmits the information to the Cellgate unit once all fields are completed and ready for transmission.
9. Read option allows to read and collect the information from the unit.
10. Allows to save the information onto the computer.
11. To load the information saved onto the screen.
12. To import the list of authorized users which is listed on the Microsoft EXCEL .csv file
13. Enable / Disable Log events feature.
14. Edit User (number).
15. Delete User.
16. Clear (user) List.
17. Edit Time Group
18. Delete Time Group
19. Reset All groups settings



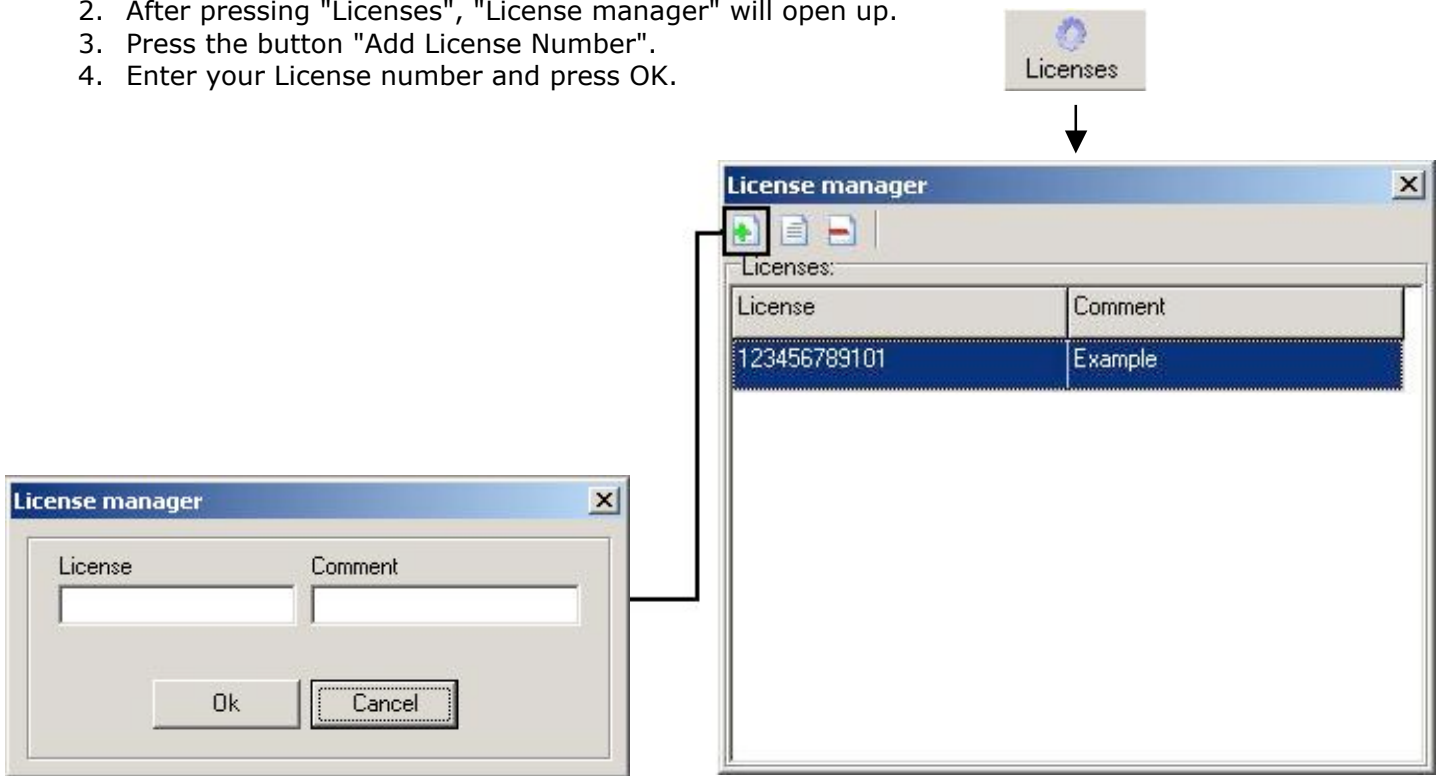
*Please make sure to place each of the users added to one of the 15 user groups. Under each user group there is a possibility to assign up to 5 time frames when users are permitted to access the Cellgate. The time slot can be designated either by day of the week or hours of the day.

Configuring the Software

Configuring for single or multiple licenses

The software program provided with the system can manage one or multiple units. For initial set-up, please follow the below procedure for each separate unit at a time.

1. Press Licenses in your Cellgate Interface.
2. After pressing "Licenses", "License manager" will open up.
3. Press the button "Add License Number".
4. Enter your License number and press OK.



1. From the main window displayed on your screen click 'Licenses'.
2. In the new window, enter the License number displayed on the envelope of the CD – Rom provided.
3. To the right of the License Number under 'comment' describe the area or site where the Cellgate has been installed (i.e. location, name of installer etc.)
4. Add license number to the list by clicking the '+' icon.
5. Click on 'Save' and exit the window

Now the Cellgate unit has been initialized.

If you have additional units, repeat the process above for each one

Configuring for Remote Communication

1. Connect the cellular modem to your PC by selecting the proper Com Port [2]
2. Enter the number of the SIM card installed in the Cellgate unit in 'Device Phone' field [3].
3. In field [4] labeled 'switch', select the number of seconds desired for the electrical switch to make the dry contact.
4. Select a 4 letter password (do not use numbers) password for remote programming via SMS [5]

Program Authorized Users

After setting up the system, add the authorized users who you want to be able to operate the unit from their mobile phone. The Cellgate system allows up to 2200 authorized users to be registered. The total users can be divided up into a maximum of 16 different user groups (clusters). For each user group a different time interval can be assigned, where the users in the specified group can be restricted to operate the system.

TO UTILIZE ANY TIME SENSATIVE FUNCTIONS – THE CLOCK MUST BE SET FIRST !!

To **Set Time** Clock (Can only be done via text messaging):

Note: (all message text should be typed in lower case letter with one space between each word)

Text message should look like: **test settime 0606201203**

test - default system password.

settime – command to set the time clock.

0606201203 – Data + Time.

↓ ↓ ↓ ↓ ↓
YY/MM/DD/HH/MM

Once text message is properly typed in – send it to the Cellgate’s phone number.

For Example:

Group 1 will be authorized to use the Cellgate from 9:00-17:00

Group 2 from 17:00-1:00

Group 3 from 1:00-9:00 only on Thursdays

All the groups belong to the same Cellgate unit but can operate it at different times.

There are up to 5 different time intervals which can be programmed for each group. For example, Group 4 can be programmed to access the unit from 9:00-11:00, 14:-16:00, 20:00-22:00 etc.

If you choose not to enter any authorized users, the Cellgate system will function on 'simple mode'. System will now not be restricted, and can be activated by any user who calls the system.

To add users:

1. Click the 'Add User' icon [6]
2. In the new window under 'User ID', enter the last 8 numbers of the user's mobile number
3. Select the Group number to which you want to assign the new user
4. Press OK to save the information

To edit user information

1. Highlight the user you wish to edit in the user list.
2. Click the 'Edit' icon [13]
3. Repeat steps #2-#4 in as in the exercise above

Delete users

1. Highlight the existing users you wish to delete
2. Click the 'Delete User' button [14]

With these instructions you can now manage all the authorized users who are allowed to access any of the Cellgate units at any period of time.

To define the Criteria for each group:

1. Highlight the group you want to configure, located in the Group List area of the window.
2. Double click the cell pertaining to the Group and Time Interval you want to define (see above)
3. Configure the new criteria according to the Start Time and End Time along with the day(s) of the week, and click OK

Cancel an existing group command:

1. Highlight the cell that you wish to delete.
2. Click on icon [16] to cancel all the existing groups. To delete individual groups use the delete button on your keyboard.

Attention:

Group 16

This particular group is used to set specific timers to hold Gate open

Example:

There are 500 employees arriving to work from 8:00 AM to 10:00 AM, the unit can be programmed to hold the gate open for this rush hour period. This reduces automatic gates wear and tear.

*In order to use **Group 16** See above or SMS Quick Guide to set-up the time clock first.*

Transmitting the Data Remotely from your Computer to the Cellgate Unit

!!! IMPORTANT: Before commencing any procedure of adding, deleting, or editing any user information always begin with the 'READ' command in order to transmit the existing information from the Cellgate unit back onto your computer. If this is not done, all changes made on the software will **replace** the existing users which were previously loaded onto the unit, and only the new changes will be valid.

First begin with the 'Read' command, to read and transmit all the existing information in the Cellgate back onto your computer.

1. Select the Com Port and type the SIM card number which is installed in the unit [2], [3].
2. Click the '**Read**' command button [8]
3. After the reading back the information onto your screen, proceed with the steps outlined in the section '**Programming Authorized Users**'.
4. After making all the changes transmit them back to the Cellgate unit by clicking the 'Write' button [7].

Saving Authorized User Data

5. At this stage it is recommend to save the data to your computer
6. Save the data by clicking the '**Save**' button [9]
7. Assign a name to the file and click 'OK'

Checking Data that was Transmitted

8. Click on the '**Delete User List**' to erase all existing users [15].
All changes that were not saved will be lost.
Please remember to execute Step 6 before proceeding.
9. Repeat the 'Read' procedure, go to Step 2.
10. Confirm that all the changes were correctly saved and transmitted to the unit.

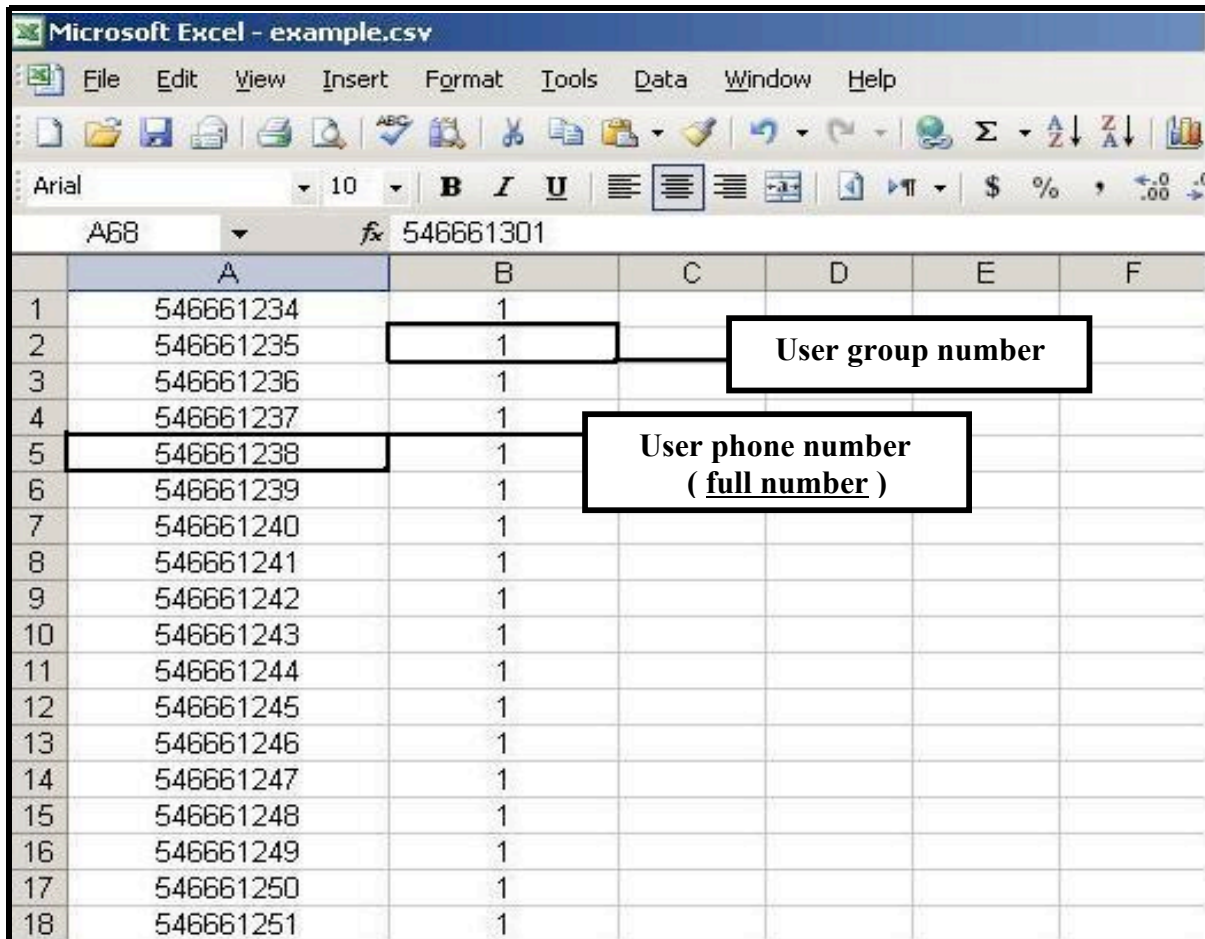
Loading and Importing Existing Files

Loading Data from Existing Files

1. Click on the '**Load**' button
2. Browse to the location of your saved file
3. Click 'Ok'

Loading an Excel Sheet

1. Click on the **'Import'** button [11] to import data
 2. Make sure the Excel file is saved on .CSV format as other formats cannot be read by the unit
 3. Browse to your .CSV file and select.
 4. The data will be displayed in the management window
- Sample CSV File contents :



	A	B	C	D	E	F
1	546661234	1				
2	546661235	1				
3	546661236	1				
4	546661237	1				
5	546661238	1				
6	546661239	1				
7	546661240	1				
8	546661241	1				
9	546661242	1				
10	546661243	1				
11	546661244	1				
12	546661245	1				
13	546661246	1				
14	546661247	1				
15	546661248	1				
16	546661249	1				
17	546661250	1				
18	546661251	1				

Enabling Use of the Log File Option

1. Click on the Log Setting button [12]
2. Check (the 'Log Setting' and 'Auto Send Enable' function) to enable use of the Log feature of the unit

If you have any questions regarding the installation of the unit please don't hesitate to call our technical department for assistance.

PROGRAMMING USING SMS\TEXT MESSAGING

Cellgate Pro Quick Instruction Guide for SMS\TEXT Programming

Note: (all message text should be typed in lower case letter with one space between each word)
(each text message must individually be sent to the Cellgate's phone number !!)

To Set Time Clock:

SMS\TEXT message should look like: **test settime 0606201203**

test - default system password.

settime - command to set the time clock.

0606201203 - Data + Time.

↓ ↓ ↓ ↓ ↓
YY/MM/DD/HH/MM

To shutdown Group 16 timer:

SMS\TEXT message should look like: **test timeroff**

test - default system password.

timeroff - command to shutdown **Group 16** timer

To switch on Group 16 timer:

SMS\TEXT message should look like: **test timeron**

test - default system password.

timeron - command to switch on **Group 16** timer

To ADD new user by SMS message:

SMS\TEXT message should look like: **test user 46661204.1**

test = default system password.

* Normally the system password configured by user with the Cellgate interface software.

user = command to ADD a new user.

46661204 = the last 8 digits of the user's phone number (so for example if the users number is 0546661204, the number to type would be 46661204, emitting the first two digits)

.1 - is the number of the defined user group the user is being added to on the software

To DELETE user by SMS message:

SMS\TEXT message should look like: **test del 46661204.1**

test = default system password.

del = is a command to DELETE an existing user.

46661204 = user phone number last 8 digit's (without 05 at the beginning)

.1 - is a number of user group the user is being deleted from.

To shutdown the system:

SMS\TEXT message should look like this: **test sysoff**

test = default system password

sysoff = command to shutdown the system - (disable the system from any use)

To **enable** the system:

SMS\TEXT message should look like this: **test syson**

test = default system password

syson = command to enable the system – (enable the system for a regular use)

To **change** default **password**:

SMS\TEXT message should look like this: **test pass gili**

test = default system password

pass = command to change existing password

gili = new password

Attention: *If for any reason SMS\TEXT commands are not working, please delete SMS\TEXT message content and rewrite the SMS\TEXT message command.*

WARRANTY

All Digi-Code door related products carry an eighteen (18) month warranty against defects in workmanship or material. This warranty begins at the date of manufacture, for eighteen months. Digi-Code warrants our product only to our authorized dealers and distributors, and not to the end customer. If you have any questions about our warranty, please ask your dealer to determine the nature and scope of their warranty. Digi-Code does not assume, and is not responsible for, any real or consequential damages from claims against the performance of our product, nor is it liable for any costs related to the loss of life, property, or revenue. Further, Digi-Code is in no way responsible for installation of our product, and will assume no cost related to reinstallation or removal. Digi-Code's warranty is in lieu of all other warranties, expressed, or implied.

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