## Configuring a MA1xx, MA5xx or MA J Series **Reader with its IP Address**

## Introduction

This is achieved by writing files onto a USB key, with the utility on the installation DVD: Utilities\Morpho Utilities\Tools\MA1xx\_MA5xx and JSeries\USB Network Tool\ USB\_Network\_Tool.exe

Note:

Configuring a MA2xx or MA3xx Reader with its IP Address:

This is achieved using the keypad on the reader. See the following document on the installation DVD for instructions:

Utilities\Morpho Utilities\Documentation\MA2xx and MA3xx\Installation Guide MA 5.41.pdf

## Supported Reader Firmware

It may be necessary to upgrade the firmware on the readers, check the status and overrides window of the reader to confirm what version of firmware the reader is running.

For Version 7.10.xxx or higher of Command Centre we recommend that all readers, (i.e. the MA1xx, MA5xx and J Series) be on at least version 3.04.01.

If the firmware needs to be upgraded, it is recommended you contact Gallagher Technical Support before attempting a Morpho Reader Firmware upgrade.

Firmware upgrade software is located on the installation DVD in the Utilities\Morpho Utilities\Tools folder.

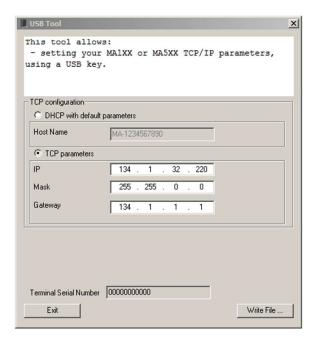
Never downgrade the firmware on a Morpho reader.

- Important Notes
- For site security, it is recommended that the password on MA2xx, MA3xx and MA5xxx readers be changed after readers have been configured.
- Changing default reader settings other than those mentioned in this document may adversely impact reader functionality. Please contact your Gallagher Technical Account Manager before making any such changes.
- Morpho Fingerprint Readers have their time synchronised with the Command Centre server daily. By default it synchronises at 3:30 am.

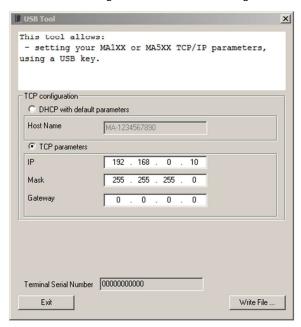
## Procedure

Run the USB\_Tool.exe located in the following location: D:\Utilities\Morpho Utilities\Tools\MA1xx MA5xx and JSeries\USB Network Tool\ on the installation DVD

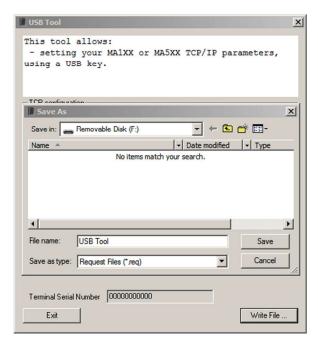
The following screen will appear



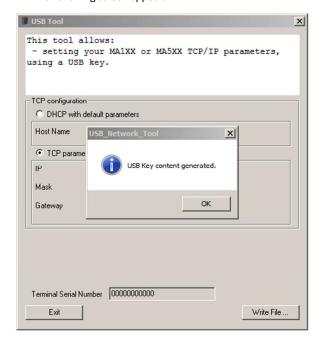
2. Enter the following IP address and subnet leaving the Gateway un populated



- 3. Plug in the supplied USB
- The USB Key must be FAT16 formatted
- 4. Click Write File and Browse to the USB
- 5. Under File name write "USB Tool" or any other appropriate File name



Click Save The Following screen appears.



- 7. Click OK
- 8. Ensure there is power to the Reader
- 9. Remove the rear protection of the Morpho Reader to access the internal compartment
- 10. Insert the USB key
- The LED flashes purple quickly and can last up to 2 minutes. Once complete a low pitch beep is emitted and the led flashes slowly. Readers with screen will also indicate to "Remove USB" once finished

- 11. Remove the USB
- 12. PING the Reader to ensure it has accepted the correct IP



The Reader now has a valid IP address