



NFC Nametag

Instruction Manual

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Product Information

The Bluechips NFC Nametag is a product designed to allow our customers to be able to customise and reuse a nametag for a range of people and situations.

The e-paper display means that you can transfer data directly from your smartphone or through the use of an NFC reader-writer. The technology used in the tag ensures that the product uses almost no power to run and will function on the power transmitted during a data transfer. Using the three available fields of text, the tag can be customised to display a range of information about a person, event or company.

The ability to use the nametag indefinitely means that it is the ideal product for companies in a range of situations such as trade fairs and conferences as well as in industries such as the medical sector, trade fairs, hospitality and countless others. Bluechips can offer a customised housing for the nametag that better reflects and identifies your company.

Please note that this product is currently in development and is intended as a gift for selected recipients and as such should not be sold or redistributed.

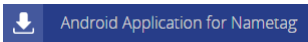
Downloading the BCM App

To download the Android application to use with an NFC-enabled smartphone, please follow these steps:

- 1) Navigate to www.bluechips.co.th/nametag



- 2) Click on the download button for 'Android Application'



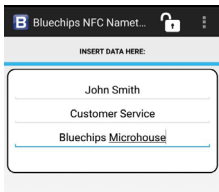
- 3) Open the file and allow installation from external source



- 4) Open the Nametag app from the menu of your device

Please note that due to restrictions on 3rd party developers, Apple devices do not currently allow NFC data transmission for non-Apple applications.

Application Overview



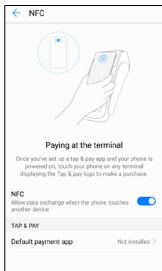
The Bluechips NFC Nametag App is an Android application that allows for the quick and simple transfer of data from your phone or tablet to the NFC Nametag.

After the app has loaded, the main screen will show the three fields where the user can enter information. Type your text here before connecting your device to the nametag. The three lines allow for 17, 22 & 22 characters respectively.

For examples on potential uses for the nametag, please see the references at the back of this manual.

Transferring Data - Phone

- 1) Input your data into the demo section of the application.
- 2) Make sure that the NFC function of your device is switched on.
- 3) Lightly tap the tag against your phone, the light on the nametag will illuminate blue when it detects a signal.



Transferring Data - Phone



- 4) At the point of highest signal, hold the tag against the device until it flashes with a black screen and then displays your desired text
- 5) Please note that different devices emit an NFC signal from different locations. If you are not immediately successful, try the nametag in a different spot.
- 6) Change and refresh the text as often as you like while following the above instructions to edit the text on your nametag

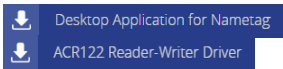
Reader-Writer Program Download

For best performance with the desktop app, please download both the application and the latest drivers for the reader-writer device by following these steps:

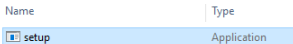
- 1) Navigate to www.bluechips.co.th/nametag

 <https://bluechips.co.th/nametag>

- 2) Click on the download button for 'Desktop Application' & 'ACR122 Reader-Writer Driver'

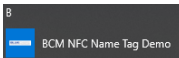


- 3) Open the files and double-click the Setup.exe file



- 4) Follow the on-screen instructions to install applications

- 5) Open the BCM Nametag app from your desktop or start menu



Reader-Writer Software Overview

The screenshot shows the 'NFC Name Tag Demo' application window. At the top, it says 'BlueChips NFC Name Tag Demo' and 'ELECTRONIC PRODUCT DESIGN AND MANUFACTURING'. The 'BLUECHIPS' logo is in the top right. The main interface has a 'Reader List:' section with a dropdown menu showing 'ACS ACR122U PICC Interface 0' and a 'Refresh' button. Below this are 'Close' and 'Reset' buttons. The central area contains three text input fields: 'First Name' with 'Mr. John Smith', 'Family Name' with 'Customer Service', and 'Company' with 'Bluechips'. To the right of these fields is a 'Write' button. At the bottom are 'OK' and 'Cancel' buttons. Three numbered arrows point to specific elements: arrow 1 points to the dropdown menu, arrow 2 points to the 'Company' text field, and arrow 3 points to the 'Write' button.

The Reader-Writer program is a simple interface allowing you to customise the text displayed on your nametag.

- 1) Make sure your reader-writer is displayed in the Reader List field. If not, please click refresh.
- 2) Input your text in the three available fields using the same character limits as the android app.
- 3) When you are ready to transfer your text, click on the 'Write' button before putting your nametag on the reader-writer

Transferring Data - Reader-Writer

- 1) After inputting your data and pressing 'Write', place the nametag flat against the surface of your reader-writer
- 2) If you see a blue light on your nametag, there is an NFC connection.
- 3) After a few seconds, the display on your tag should flash and your new text should be displayed on the screen
- 4) Whenever new text is input, be sure to click on 'Write' again to register the new text in the software



Example Uses

Daily Workplace Use



Hospitality Industry



Example Uses

Conferences & Networking



Medical Industry

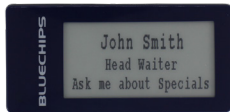


Example Uses

Trade Fairs



Food & Beverage Industry



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