



HowTo: Encode MIFARE Cards

Requirements:

Working CT station, connected to the network and the server

MIFARE Card Reader/Writer (We are currently using an Ask Logo RDR608-I Type RD-DE-09084-10)

CT Software (version V14.92.0.0 Dated 9/21/2020 or greater)

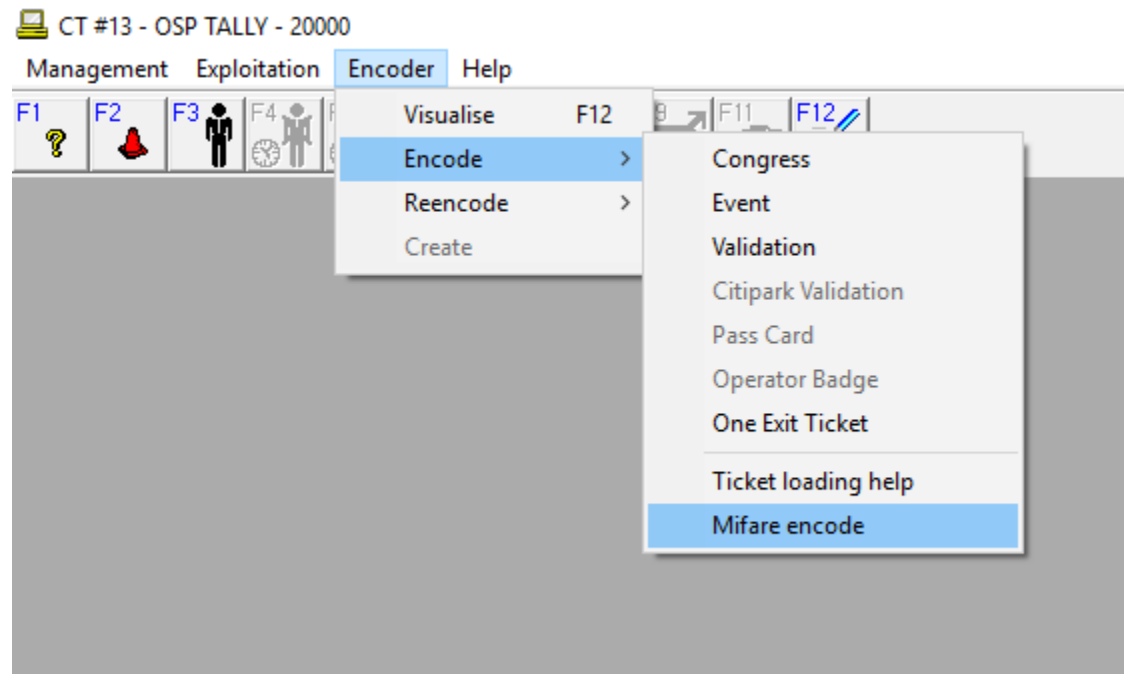
Steps:

Encoding the card

Begin the process by having the CT application running and being logged into a shift.

Close the Transactions menu (if present).

Click on **Encoder > Encode > Mifare encode**.

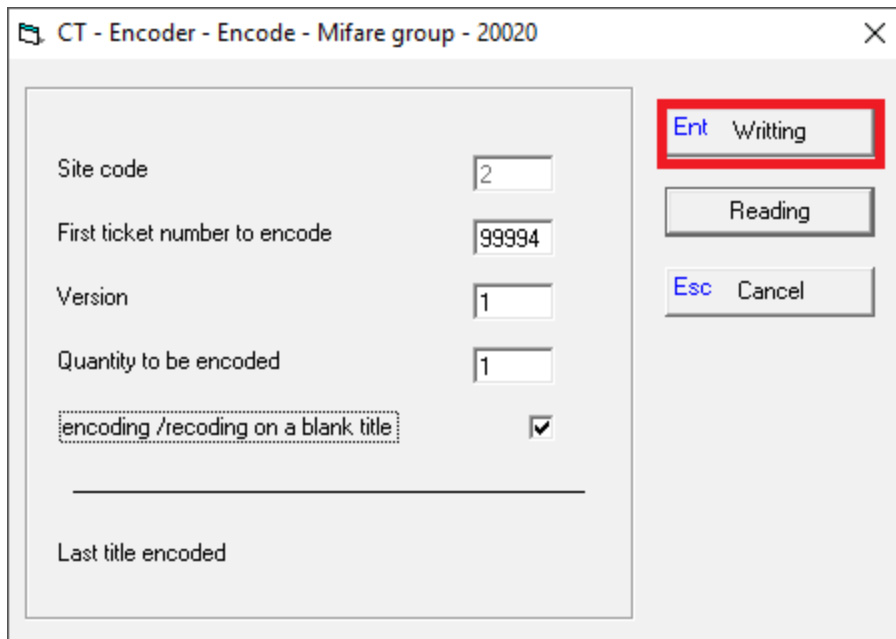


Click in the **First ticket number to encode** field and enter the ticket number. (In this case, it's **99994**. It will match what is printed on the card.)

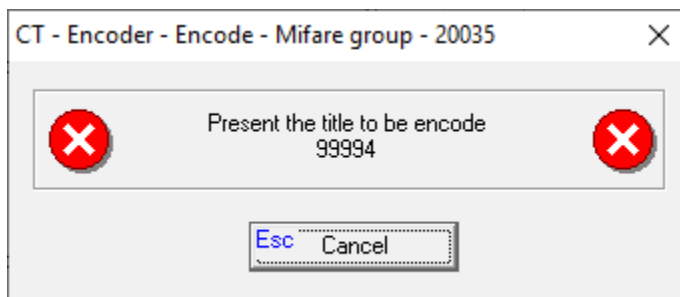
A screenshot of a software window titled "CT - Encoder - Encode - Mifare group - 20020". The window has a close button (X) in the top right corner. On the left, there are four input fields: "Site code" with the value "2", "First ticket number to encode" with the value "99994", "Version" with the value "1", and "Quantity to be encoded" with the value "1". Below these fields is a checkbox labeled "encoding /recoding on a blank title" which is checked. At the bottom left, there is a label "Last title encoded" followed by a horizontal line. On the right side of the window, there are three buttons: "Ent Writing" (with "Ent" in blue), "Reading", and "Esc Cancel" (with "Esc" in blue).

Enter 1 for the **Version**, 1 for **Quantity to be encoded** and tick the **encoding/recoding on a blank title** check box.

Next, click on **Writing** (or press the Enter key).



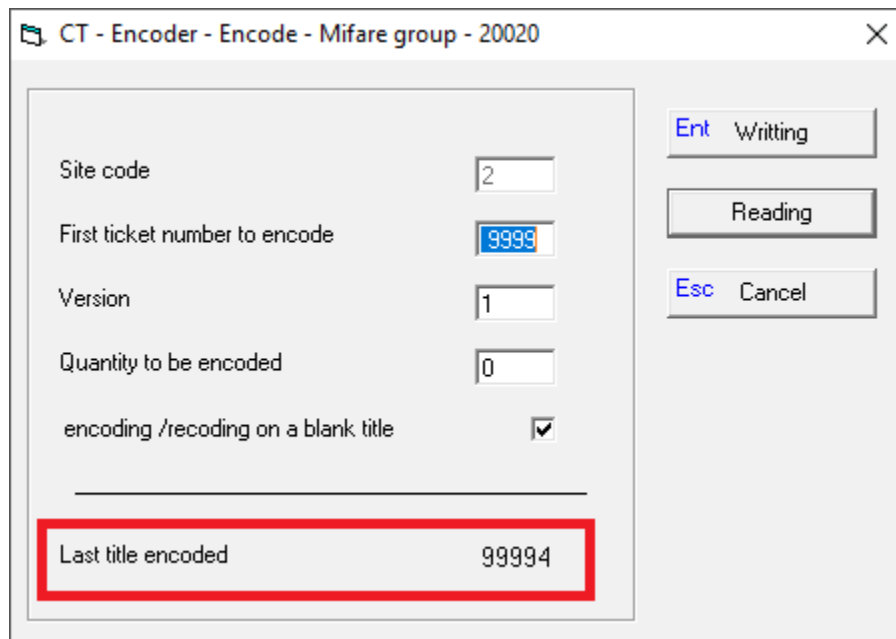
This will display the following prompt:



Place the card on the MIFARE Reader/Writer.



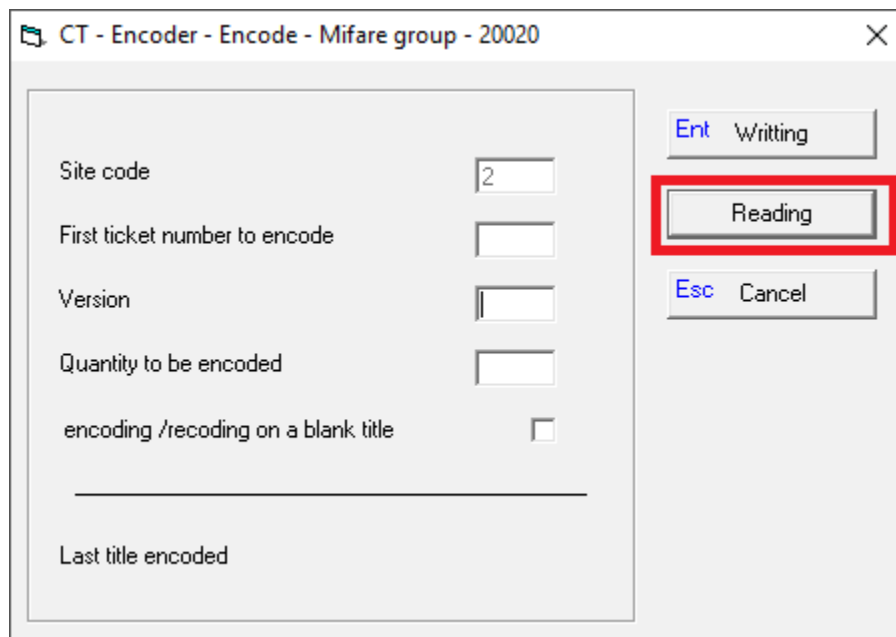
At this point, the system will display the **last title encoded**. It should match the title number that you entered in a previous step.



The screenshot shows a software window titled "CT - Encoder - Encode - Mifare group - 20020". On the left, there are several input fields: "Site code" with the value "2", "First ticket number to encode" with the value "9999", "Version" with the value "1", and "Quantity to be encoded" with the value "0". Below these is a checkbox labeled "encoding /recoding on a blank title" which is checked. On the right side, there are three buttons: "Ent Writing", "Reading", and "Esc Cancel". At the bottom of the window, a label "Last title encoded" is followed by the value "99994", which is enclosed in a red rectangular box.

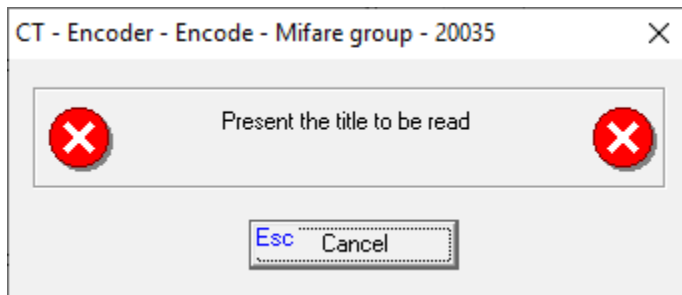
To verify the card status:

Click on the **Reading** button.



This screenshot shows the same software window as before. The "Site code" is still "2", but the "First ticket number to encode" is now empty. The "Version" and "Quantity to be encoded" fields are also empty. The "encoding /recoding on a blank title" checkbox is now unchecked. The "Last title encoded" label is present at the bottom but has no value next to it. On the right, the "Reading" button is highlighted with a red rectangular box.

The system will display the following:



Tap or touch the card to the MIFARE reader/writer.



The ticket number that you previously encoded to the card will be displayed in the **First ticket number to encode** field, highlighted in blue.

