

Doc: **On Site Init (Initialisation Required) Rev 18.6.1-30**

Date: 2-11-16

Doc Ref: Manual Supplement

Overview:

If the cc200HV2 (7" Touch Screen) has had a Window OS (Operation System) Failure, the OS can be reloaded.

Failure Examples:

Blue Screen
Black Screen
Error Message: Not able to Load Application
Error Message: Can't find Application

Parts Required

1. SD Card with following Files
 - Bootllp.bin
 - Logo.bin
 - Nk.bin
 - MAC_address
2. cc200 Application Rev 18.6.1-30 or later
3. Encryption Code for any Modules needed for the Project (Only if needed)
4. Project Config Files (Only if needed)
5. Keyboard Needed to Re-Calibrate the touchscreen

Note:

cc200 must be WIN CE 6 Rev 5.2 or later for this procedure to work.

(All shipments since Nov 2015 are WIN CE 6 Rev 5.2 or later)

If the unit has presented one of the above failure and you are unsure what CE Version is on the touch screen, please try step 1, if step 1 works, then you can proceed with all the remaining steps.

If Step 1 fails, return the cc200 touch screen to Comeragh Controls for repair.

Step 1: Delete corrupted OS & Install OS (Win CE6 Rev 7.2)

1. Insert SD Card with following Files
 - Bootlp.bin
 - Logo.bin
 - Nk.bin
 - MAC_address
2. Power cc200 off then on

The following will be displayed on CC200



When Finished the cc200 will display



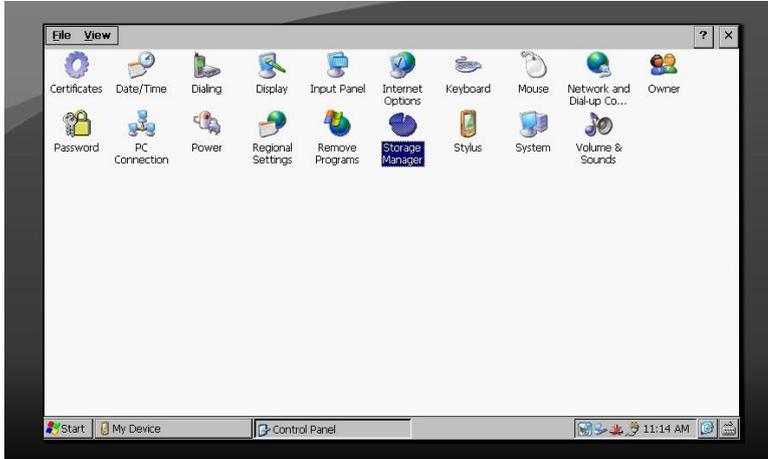
Now Remove SD Card !!!

If SD card is left in it will again reinstall the OS after power cycle

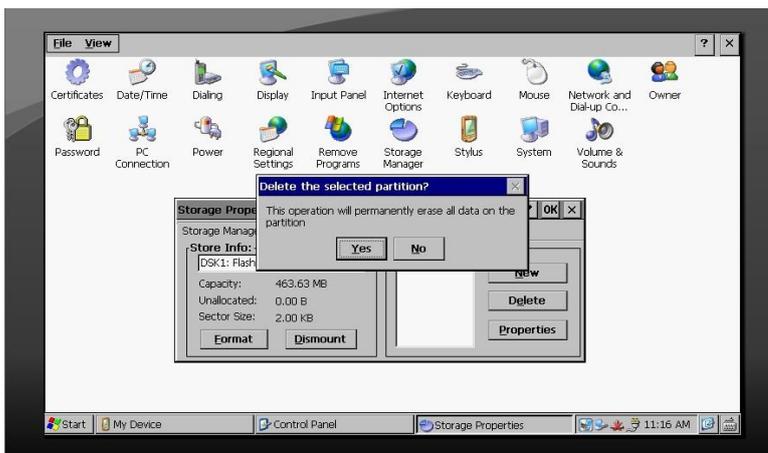
Step 2: CE6.0_FLASH Disk Partition steps:

Select: My Device

Select: Control Panel



Select: Delete

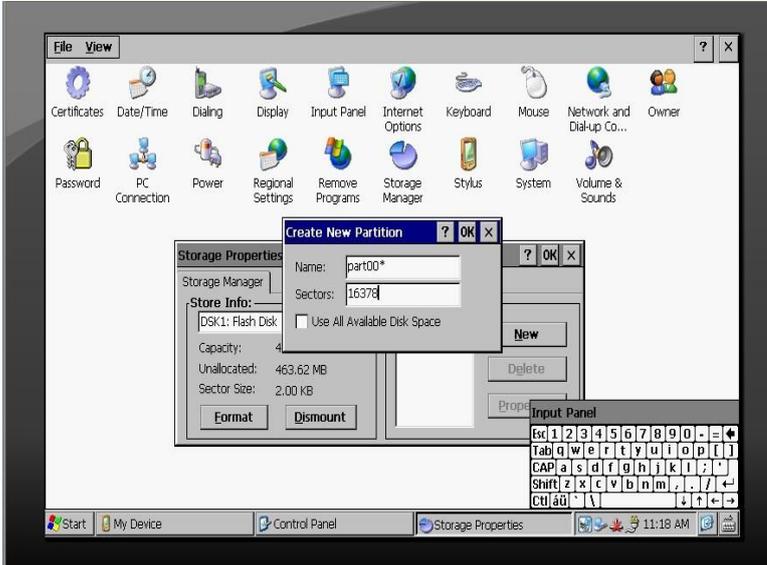


Press: Yes

Note:
If you can't delete, select properties/ Dismount / defrag (Check – Verify Corrections) , run defrag (Start) , **it will fail**, but then when you try to delete the partition it will work

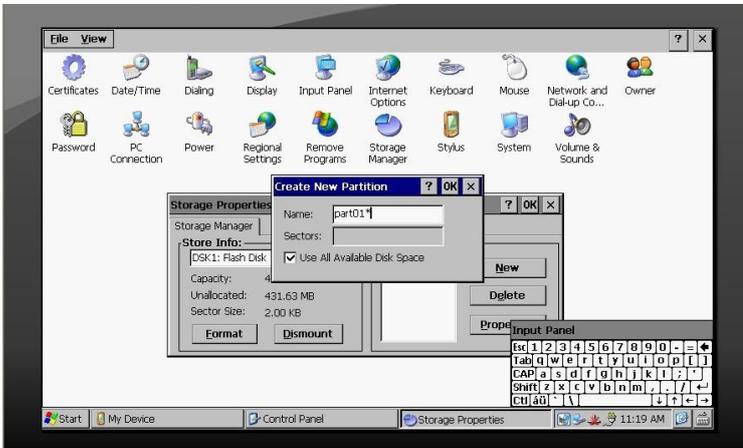
Create New Partitions:

- Select: New
 - Name: part00*
 - Sectors: 16378 (Uncheck “Use all available Disk Space” to allow number to be entered in Sectors box)
- Select OK



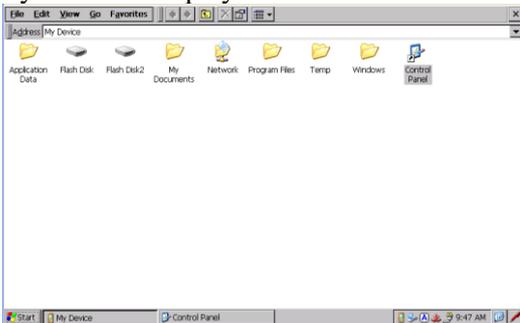
Create New Partitions (Again)

- Select: New
 - Name: part01*
 - Leave “Use all available Disk Space” Checked
- Press OK



Exit back to view My Devices

System will displays “Flash Disk 2”

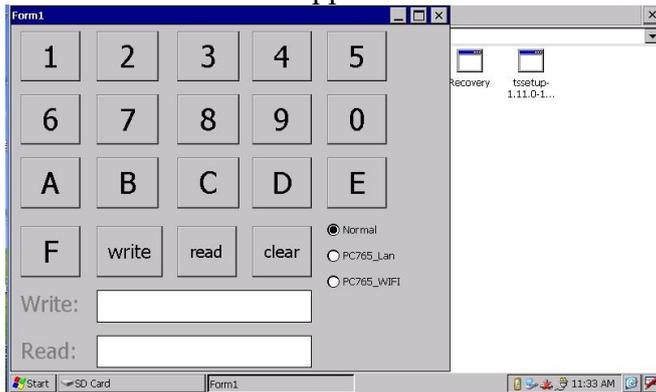


Power OFF and ON cc200 touch screen

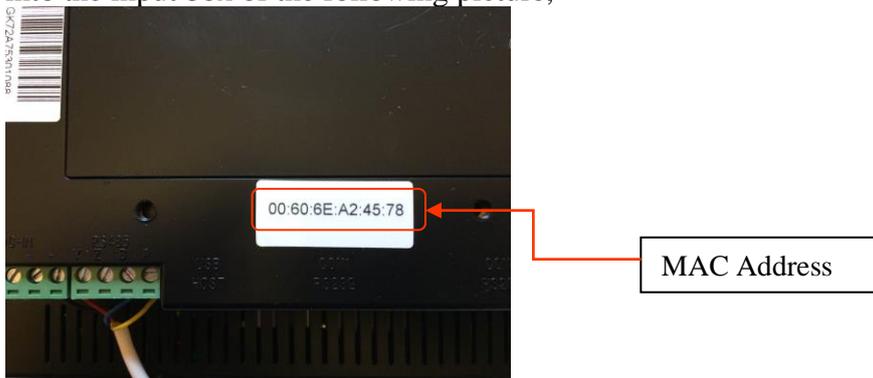
Now the system will display Flash Disk & Flask Disk 1

Step 3: Input Mac Address

1. Ensure the cc200 touch screen is **powered ON.**
2. Insert SD Card with following Files
 - Bootlp.bin
 - Logo.bin
 - Nk.bin
 - MAC_address
3. Run “MAC Address” app located on SD Card .

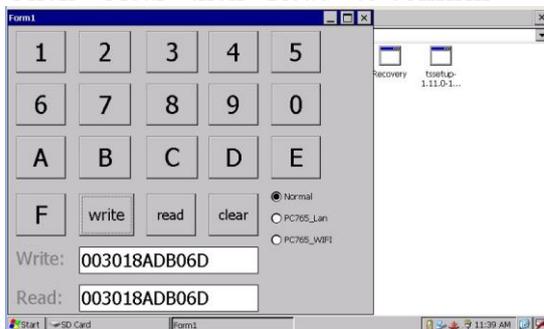


4. Enter the MAC code, which is shown on the rear panel of cc200, into the input box of the following picture,



then click “Write” to confirm and write these numbers. (Don’t Include “:”)

5. Click “Clear” then “Read” to confirm

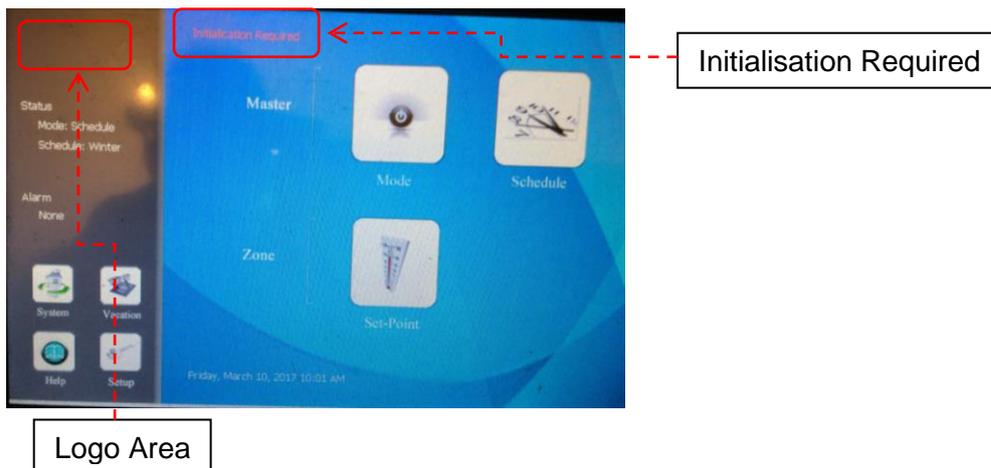


6. Additional:
 - Re-Calibrate the touchscreen
 - Select: My Device
 - Select: Stylus
 - Follow Instructions (Keyboard Needed)

Now Remove SD Card !!!

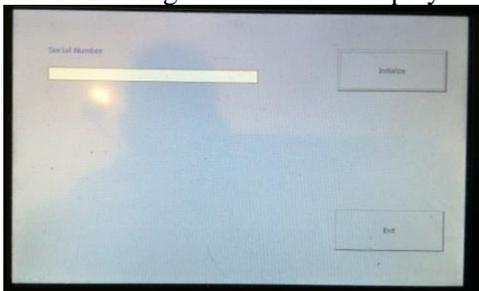
Step 4: INIT cc200

1. Insert USB Memory Stick with following Files
 - cc200 ver 18.6.01.30 (Or later Rev)
2. Copy all the files from USB Memory Stick (Hard Drive) Folder “cc200 ver 18.6.01.30“ into Flash Disk 1
3. Cycle Power cc200
4. cc200 will display following message

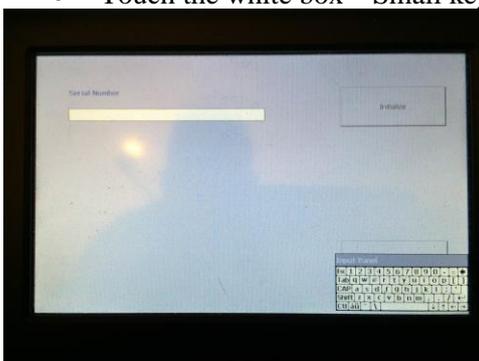


5. Press Logo Area at top left of screen

The Following screen will be displayed

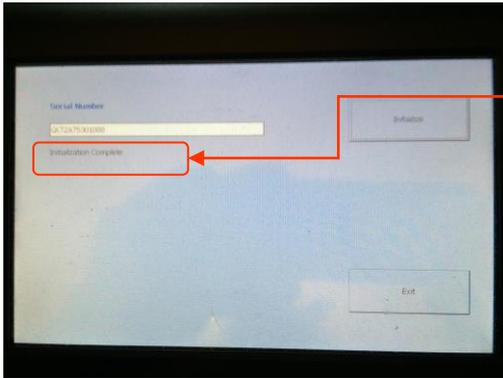


6. Enter the Serial No
 - Note Serial Number is listed on Back of the Housing
 - Example: GK72A7700770077
 - Touch the white box – Small keyboard will appear at the bottom right



The Following screen will be displayed

7. Then Press “Initialize” Button



Initialised Complete displayed

8. Press "Exit Button"

Enter Installer Logo number in Environment
Set the correct Date & Time



System is now ready to be used !!!

Additional: Only if required -

- Add Modules: Encryption Code for any Module need for the Project
- Copy Project Files: Project Config Files