



### Required:

- Version 11 can only be installed on Windows XP with EBS:
  - type 13 with 512 internal memory
  - type 14 or higher
- Economic with version 10 or higher on Windows XP

### Before update:

- Check the version of the new licence of the customer with the ECE cd you are going to install.
- Check the report A of the licence if there are going to be changes in the I/O together with the update
- Create a Folder 'DATA Update v10.x.x' on the 2e hard disk
- Create two folders in 'DATA Update v10.x.x (name one 'Before update' and the other 'After update')
- Copy the Licence to the folder on the second hard disk
- Generate the IO list (Service Page) and SAVE it. The IO List is placed C:\Program Files\Hoogendoorn\Temp. Copy the IO List to the folder on the second hard disk and rename it to: 'IO List version 10.x.x'
- Copy the map to the folder on the second hard disk. You can find the map in C:\Ecodata\CF3xxx\3xxx.MAP
- Make backup of the control station DATABLOCK. Copy the datablock folder to the folder on the second hard disk. You can find the datablock folder in: C:\sysdata\ datablock\
- Check the target location of the datacopy backup. Rename it to E:\Ensoft\Backup
- Make the datacopy, rename it to 'Ensoft v10.x.x' and copy the folder on the second hard disk
- Check the map if there are groups without 'Group names'. Groups which have an empty 'group name' cannot be converted and the update will FAIL.
- Check and write down the meteoradar setting, these setting will not be copied to the new version
- Write down the Dial prefix. Hoogendoorn Window menu 'Extra > Configuration Options'
- Check if meteo weather forecast is shared (write down share name)
- Check if printers are shared (write down share name)
- Check if the customer has: Crop Condensation, Econaut. IF NOT: ONLY REMOVE the Econaut/ Crop condensation related files in the directory C:\Program files\hoogendoorn\data\datablock\ IF THE FILES ARE THERE and Econaut or Crop Condensation is no longer in the licence version 11.
- Check Report A of licence version 10 if there are climate groups or uni switch groups skipped (for example: climate groups 1, 2, 3, 5, 6. After the update the groups will be shifted. This can cause confusion, especially with a large number of uni switches.
- Check the setting 'CO2 Absolute minimum' in every CO2 group. This setting is removed with the update. Correct the minimum CO2 VIP to a value higher than the Absolute minimum CO2.
- Make sure that the 'Minimum CO2 VIP' - 'Minimum CO2 deviation VIP' is equal or higher than 0.
- The update fails if there are 'new drip cycle reports' in the user map. REMOVE these sort of reports.
- After the update the 'Spraying' cannot be activate from the settings list 'Ventilation General'. Check how spraying was used and explain to the customer after the update.
- Check Long term Registration. VIP CO2 must be removed, because it cannot be converted. It would block LTR.
- Check the status of the crop sections. Discuss with the customer if the cycles can be aborted or set on pause.
- **Make an Acronis True Image**

### During update:

- Prepare the explanation of the new functionalities of the new version. Clean the keyboard, mouse and monitor. Fill in your administrative forms.
- Clean the keyboard and monitor if needed.

### After update:

- The user folders are converted automatically. If the conversion cannot convert files it is shown in a pop-up screen. Check data\logfiles\install\definitionreorganisation.log which files could not be converted and check and adjust the files yourself. The conversion always continuous, even with errors.
- Check the starts of the irrigation. If necessary consult the customer to check if everything works oke
- Check the retrieval of the weather forecast
- Create a backup of the control station DATABLOCK
- Create the datacopy
- Check the Daylight/ standard time setting
- Check the dial prefix number and fill it in again if needed
- Update the software in the Ethercan if there is datapoint.
- If there are remotes in the network: Rename the user folder on the Economic itself to: 'User v11' This is needed to prevent centrally saved data from the remote pc's change the user folder on the Economic.

- Delete Centrally all of the user folders (this makes it easier to add the new functionalities and replace old settings lists, reports and graphs)
- The program changes are put in the Hoogendoorn folder automatically. The user folders needs to be adjusted manually
- Replace: Control general: Weather
- Replace complete folder: Aspirators (Control Climate)
- Energy climate group
  - Make map modification: 'CO2 Unit' groups must be the same as 'CO2 general' groups in the map
  - Make map modification: 'Greenhouse and Crop' must be the same as 'Climate groups'
  - Make a new settings list in Control Climate' and add 'Greenhouse areas m2' (fill in the size m2)
  - Copy all the 'Group connection reports' to the user folder. (Water, Energy, Climate)
  - Add 'Crop and Greenhouse' in the Groupconnection report Climate (make the connections if needed)
  - Add 'Energy demand actual' to the report Climate actual
  - Check the length and wide of the pipe circuits. (pipe 1 general, tab service, pipe 1 general, tab service, etc)
  - If a pipe circuit group heats 2 groups, the pipe must be connected to the 2e group as a 'slave' group in the group connection report climate.
- Remove the settings list: 'Econaut Groups'
- Check if all the reports are still working and showing the right values. If not, replace them with the ones from the Hoogendoorn folder and add the extra lines. Example: A line with information like 'Curtains general' should always be at the top of the rest of the curtain information
- Remove settings list: Agronaut
- Replace settings lists:
  - CO2 general
  - CO2 control 1 & CO2 control 2
  - Add the rest of the CO2 reports and setting lists Co2 from the Hoogendoorn folder)
  - Curtain 1 general (and curtain 2 general etc.)
  - Greenhouse Climate
  - Greenhouse heating general
  - Circuit 1 (circuit 2 etc.)
  - General Lighting
  - Lighting sections
  - Strings
  - Check the Climate reports (if you only see meteo values: click on the map icon and select the group, now all the values will appear. Make sure you move the meteo values down to the bottom of the report)
  - Ventilation general
  - Ventilation lee side & Ventilation wind side
  - Add: Window 1 & Window 2
  - 'Spraying' (suppress settings if needed)
  - Add the lines sum energy demand to the all the Climate reports.
  - Add the lines 'Energy demand actual' to the graphs of climate groups
- Remove settings list: Agronaut
- Make group connection reports for water (valves & crop sections, crop sections & recipes)
- Make group connection reports for climate (strings & lighting sections)
- Check Water reports
- Check and adjust (or replace) settings list 'Crop sections')
- Check and adjust (or replace) settings list 'Recipes')
- Check and adjust (or replace) settings list 'Valve group 1' etc.)
- Adjust and replace settings in the folders: Tank and Heat Discharge
- Check the retrieval of the weather forecast
- Save the user maps centrally
- If Econaut is generating alarms: retrieve weather forecast and select 'Validate settings' on tab service of 'Econaut general'
- Generate the IO list (Service Page) and SAVE it. The IO List is placed C:\Program Files\Hoogendoorn\Temp. Copy the IO List to the folder on the second hard disk and rename it to: 'IO List version 11.x.x'
- Copy the map to the folder on the second hard disk. You can find the map in C:\Ecodata\CF3xxx\3xxx.MAP
- Make backup of the control station DATABLOCK. Copy the datablock folder to the folder on the second hard disk. You can find the datablock folder in: C:\sysdata\ datablock\
- Check the target location of the datacopy backup. Rename it to E:\Ensoft\Backup
- Make the datacopy, rename it to 'Ensoft v11.x.x' and copy the folder on the second hard disk
- Copy the map to the licence disk
- Make a drive image.
- Check if the image was placed at the destination and copy it to the second hard disk.
- Remove disks and cd- roms from the drives and clean up

- Log-in with User1
- **SWITCH ON THE ALARM and OCTA ALARM IF THIS WAS SWITCHED OFF DURING UPDATE.**
- Update the computers with ECORemote software. Customer needs to buy the licence to get ECORemote software. Economic Version 8 and 9 are not compatible. Remote PC's with Windows 2000 and Windows NT often need service pack 6. This can only be done with the ECE cd, NOT WITH the normal Ecoremote CD

## **Explain Program changes:**

- Explain to the customer:
  - In the map selection he can switch to different layers with the arrows in the right top corner. Show this by adding measured pipe temperatures of two circuits in a graph
  - The possibility of resizing the window of the map selection with the arrow in the right bottom
  - How the new group connection reports work. CHECK the actual connections of water with client
  - How groups can be connected to other groups
  - That the CO2 settings Min and Max VIP are in the same settings list (CO2 control 1 & 2 the same)
  - Explain that the customer must use settings list 'Spraying' to activate spraying program (not Ventilation general)
  - Fill in, together with the grower, the 'Greenhouse Area m2' for every greenhouse groups.
  - Check the kw setting (w2 production) of the lighting (strings, tab service)

### **Explain new possibilities with v11:**

- Explain new features (especially the ones that are very useful for him)
- Answer all of the customer questions
- Explain the difference between operating from Base station and on ECORemote. Explain how he can copy graphs, reports and setting lists from base station to remote with 'Save Centrally'