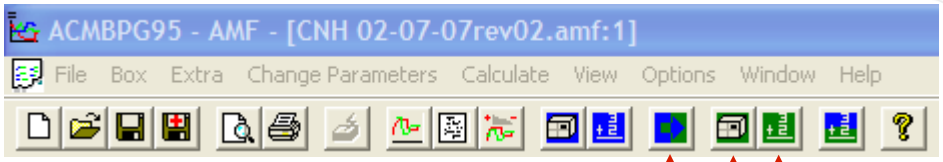
ACMBPG95

- **STEPS TO MAKE A SIMULATION**



1. **Choose compressor room**
   - Analyze datasheet
   - Analyze Graph
   - DRAW CONCLUSIONS BASED ON
     - Datasheet AND Graph
     - Discussion With the Customer
2. **Copy the existing installed system *** 
3. **Fill in the compressor data** 
4. **Calculate the simulation** 
5. **Change view settings *** 

* *These steps are not needed for every simulation*

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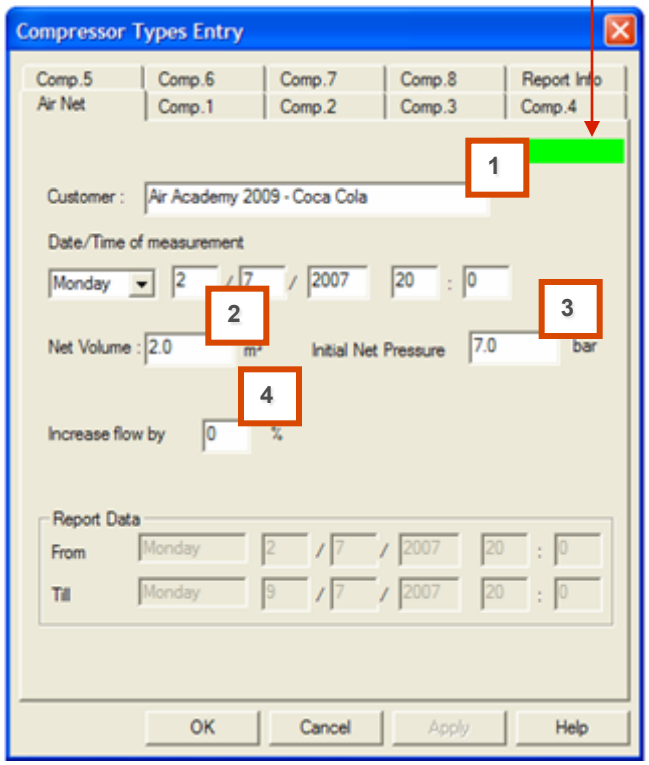
- **AIRNET**

1. **Customer Name**
2. **Net Volume**
   - Including:
     - Air receivers
     - Airnet
3. **Initial Net Pressure**
   - If not known => fill in the desired net pressure
4. **Increase Flow By %**
   - In case of anticipation of flow increase by the Customer

For simulations ACMBPG95 allways uses the green colour
For Measurement data it will always be blue



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- **Comp.1 to 8**

LOAD NOLOAD MACHINE

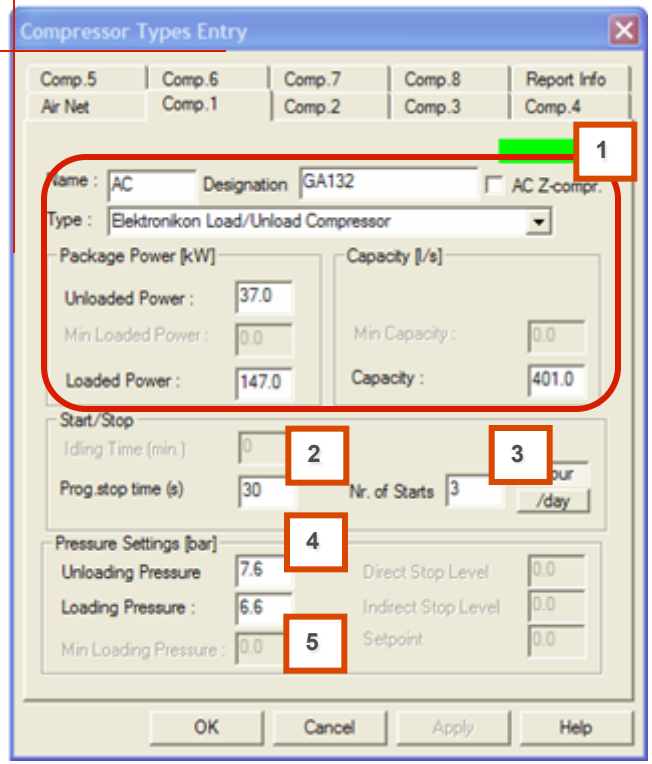
- Same data as for Installed system

START/STOP

2. Prog stop time (s) (see next slide)
3. Number of motor-starts allowed per hour

Pressure settings (Pressure Band)

4. Unload Pressure
5. Load Pressure



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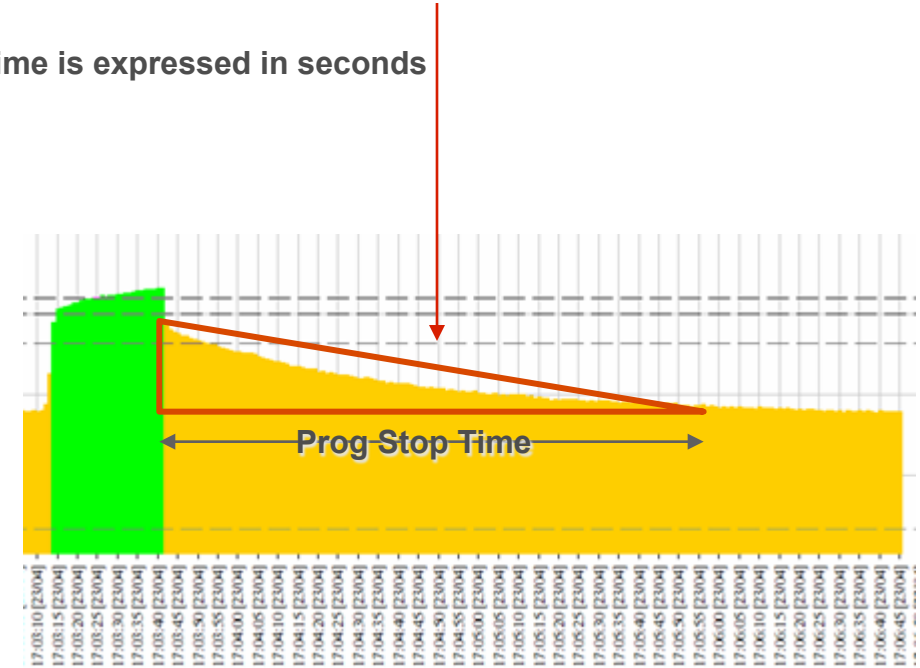
- **Programmed stop Time**

Machine does not go from Load Status into Unload status imediately

Oil receiver is under pressure

Progressive blow off needed => Energy consumption is higher than unload energy

The Prog stop time is expressed in seconds



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- **Comp.1 to 8**

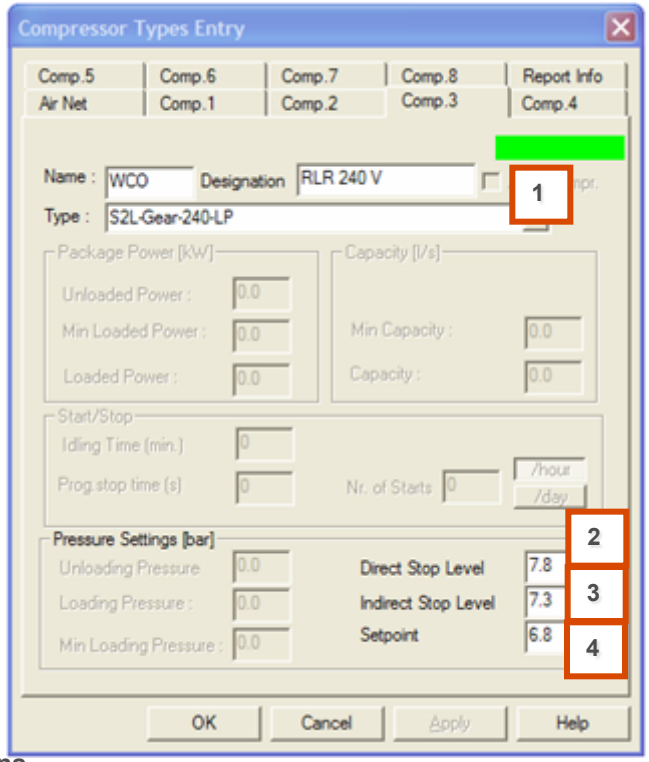
FREQUENCY DRIVEN MACHINE

1. **Select compressor from the list**

For new BRANDED compressor database see next slide

PRESSURE SETTINGS

2. **Direct Stop Level**
3. **Indirect Stop Level**
4. **Setpoint**



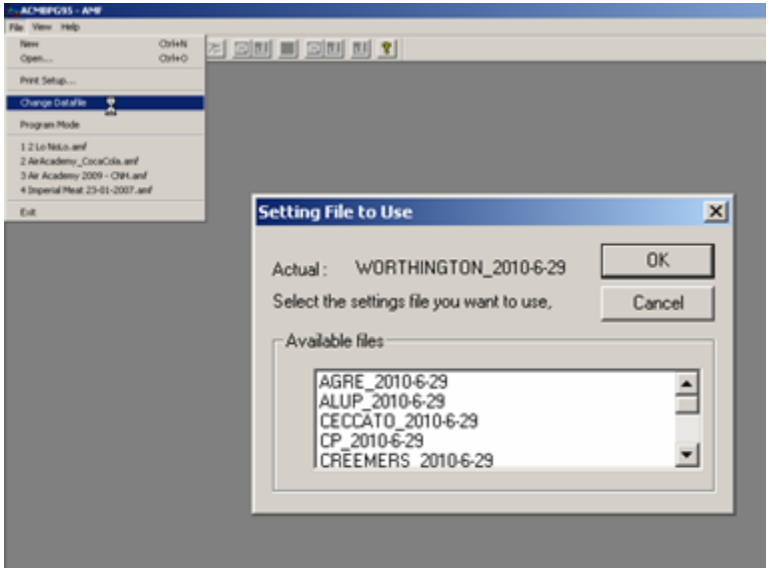
SHOW ANIMATION

*** In the animations you will find some display options

ACMBPG95

- **New BRANDED Compressor database**

- There is one file per brand
- To install the file:
  1. Copy the file into C:/program files/ACMBPG95
  2. Open the program ACMBPG95
  3. Close all measurements
  4. Go to file Change Datafile
  5. Chose the right datafile

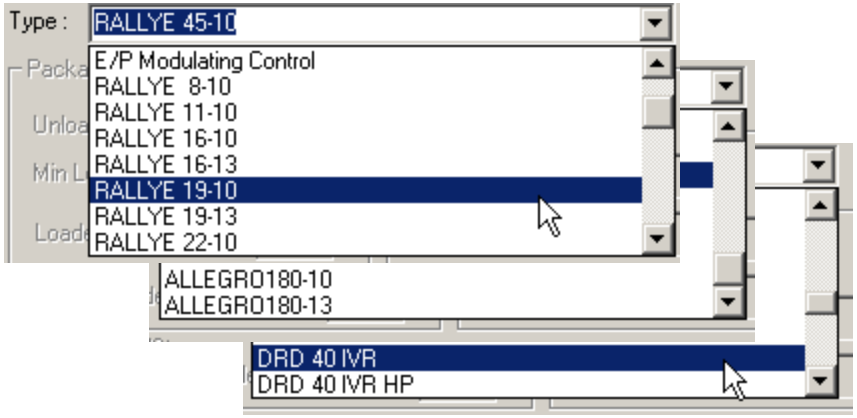


*** The files are to be found on the MBP

ACMBPG95

- **New BRANDED Compressor database**

- When selecting a compressor in the simulated or installed system you will have the complete list of available frequency driven compressors
- Depending on the file, the compressors will be of different brands



SHOW ANIMATION

Agenda

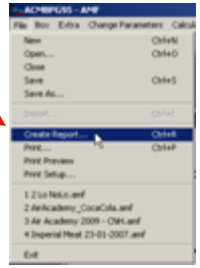
- Goal of the training
- What is the iiTRAK
- Why do I need the iiTRAK
- How does it work
- ME BOX CONFIGURATOR
- ACMBPG95
- Datasheet
- Graph
- Simulation
- **Report**
- Summary

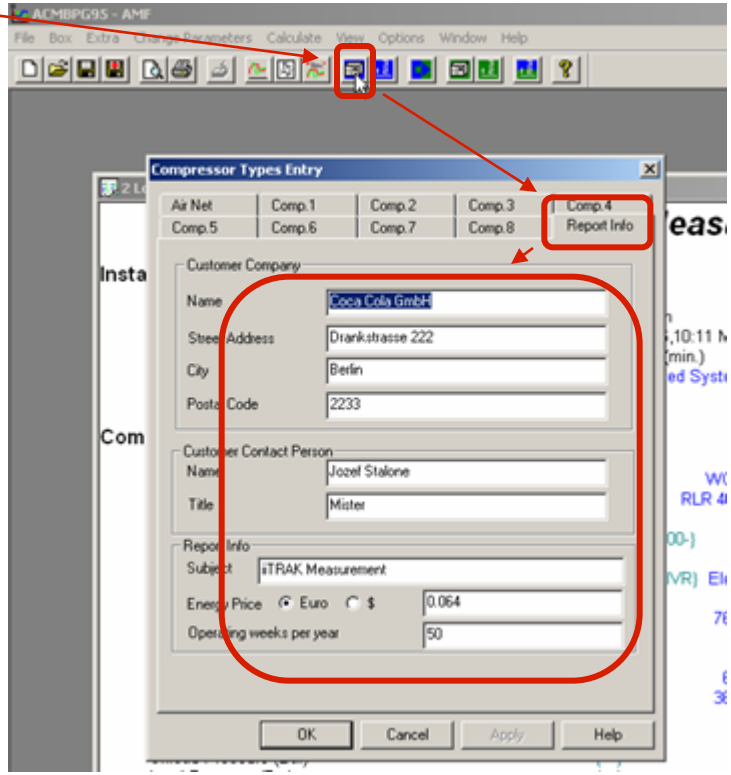
ACMBPG95

- **Creating a report**

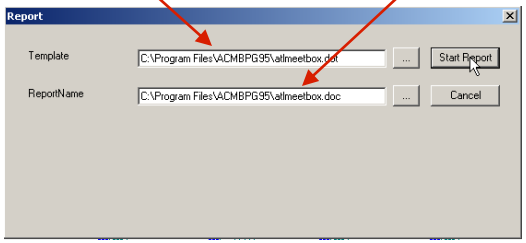
- In order to create a report, the Report data must be filled in first

- The go to file create report





- Select a template and a result file



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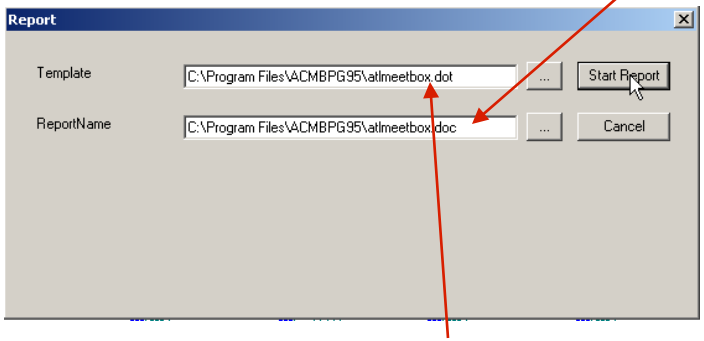
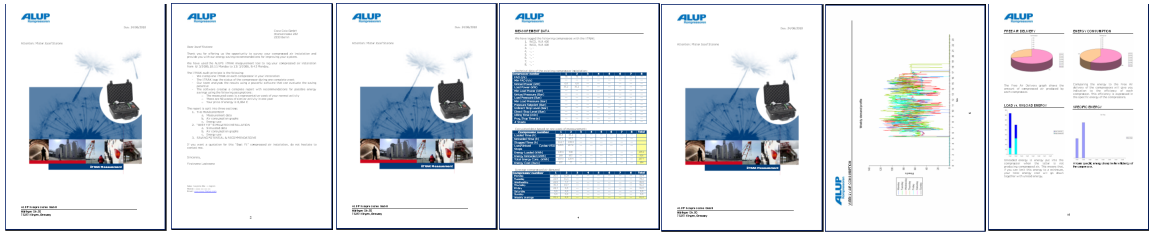
- **Creating a report**

- The result can be found where you decided to store it



- And will be dependant on the report template you have chosen



*** Templates can be found in the ACMBPG95 (and some templates will be stored on the MBP)

SHOW ANIMATION

Agenda

- Goal of the training
- What is the iiTRAK
- Why do I need the iiTRAK
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- ME BOX CONFIGURATOR
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- Datasheet
- Graph
- Simulation
- Report
- **Summary**

Summary

- The iiTRAK is used in order to
  - Get in contact with new customers
  - Sell more frequency driven machines
    - By showing the saving potential
      - On the existing machine
      - With real figures
      - Using a simulation of the “best fitted” installation
  - It makes it possible to create a report
    - That is fully customisable
    - That is flexible (word file)
    - That can be incorporated in your quotation (or the other way around)