

TECHNICAL PUBLICATION 40

ThermaCAM™ REPORTER 8

DATABASE

Question :

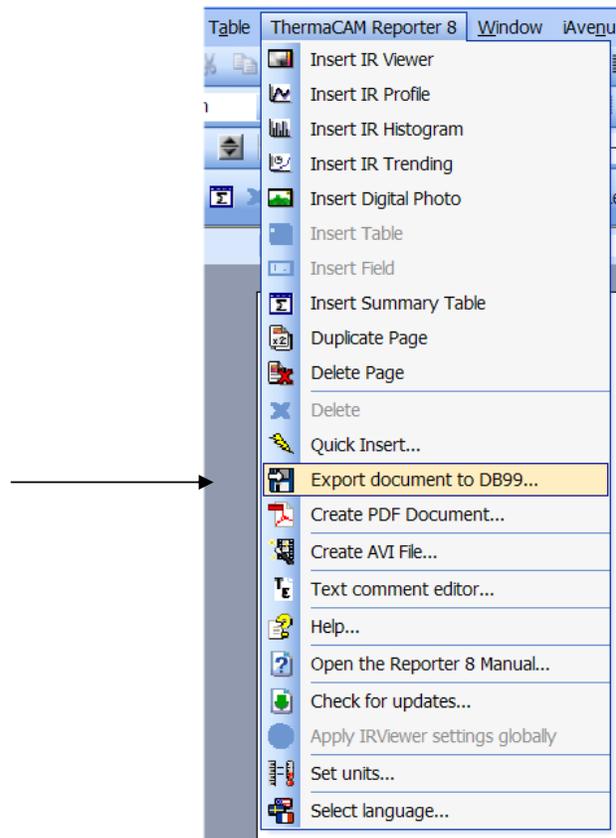
Is it possible to associate ThermaCAM™ Reporter 8 with a database?

Answer :

Yes, a standard option called ThermaCAM™ Database 99, needs to be installed separately. It works not only with ThermaCAM™ Reporter 8, but also with previous versions of FLIR reporting software such as ThermaCAM™ Reporter 7, ThermaCAM™ Reporter 2000 (version 2000 and version 2002) and also ThermaCAM™ Report 5.4.

What does the ThermaCAM™ Database 99 installation do?

- 1 – You get an extra line in the ThermaCAM menu.



Note that you have to set-up the locations of the database and the images from the reports. Then, selected values may be kept as default.



The exportation process takes a few seconds.

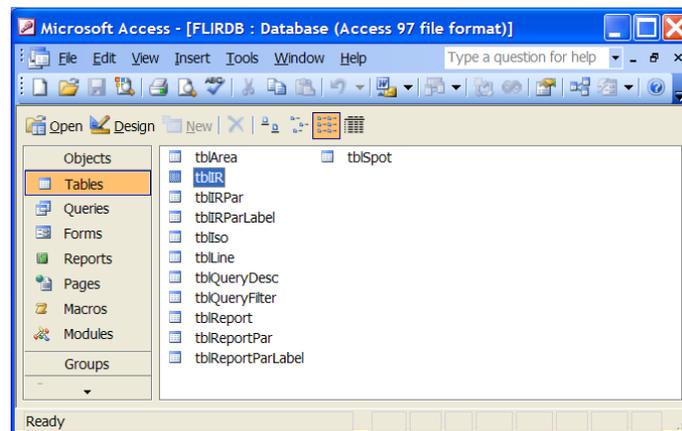
What is exported:

- thermograms from a report are saved as IR image files in a dedicated directory. Search path is exported to the database.
- all native data attached to thermograms: acquisition date and time, file name, camera type, camera lens, etc.,
- all analysis functions data: measurement values, position, customized name, etc.,
- text comments,
- report properties (native and custom).

What is not exported:

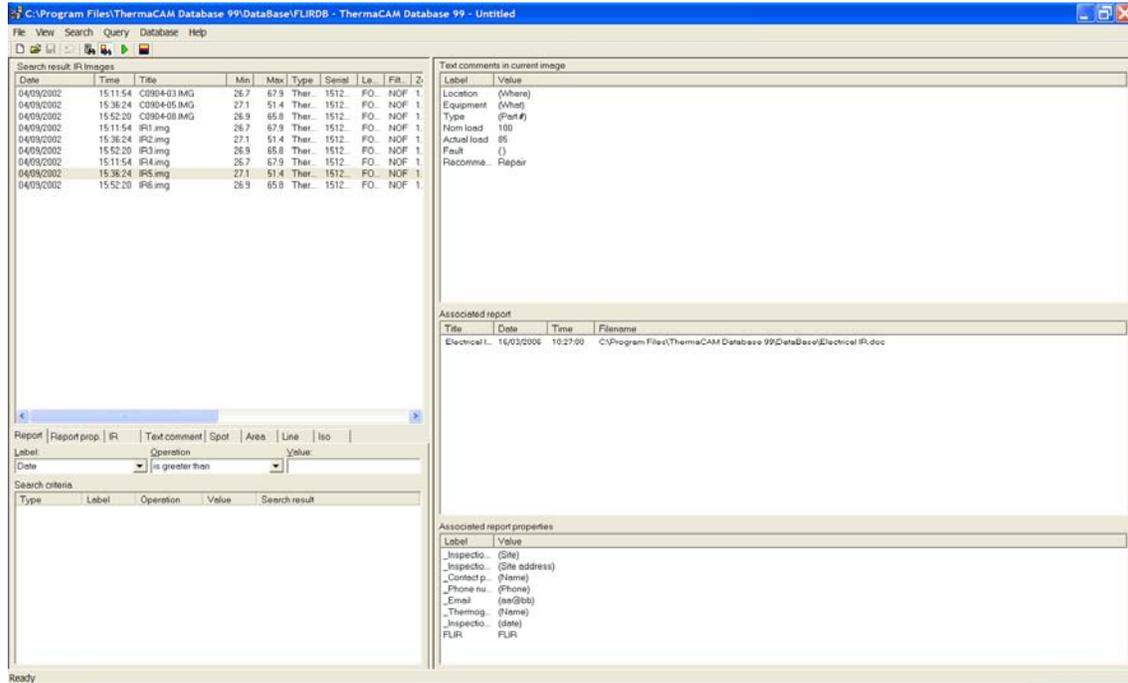
- visible images,
- formulas

The database is Microsoft Access97 compatible. All tables are freely accessible; **therefore, developing your own module is possible.**

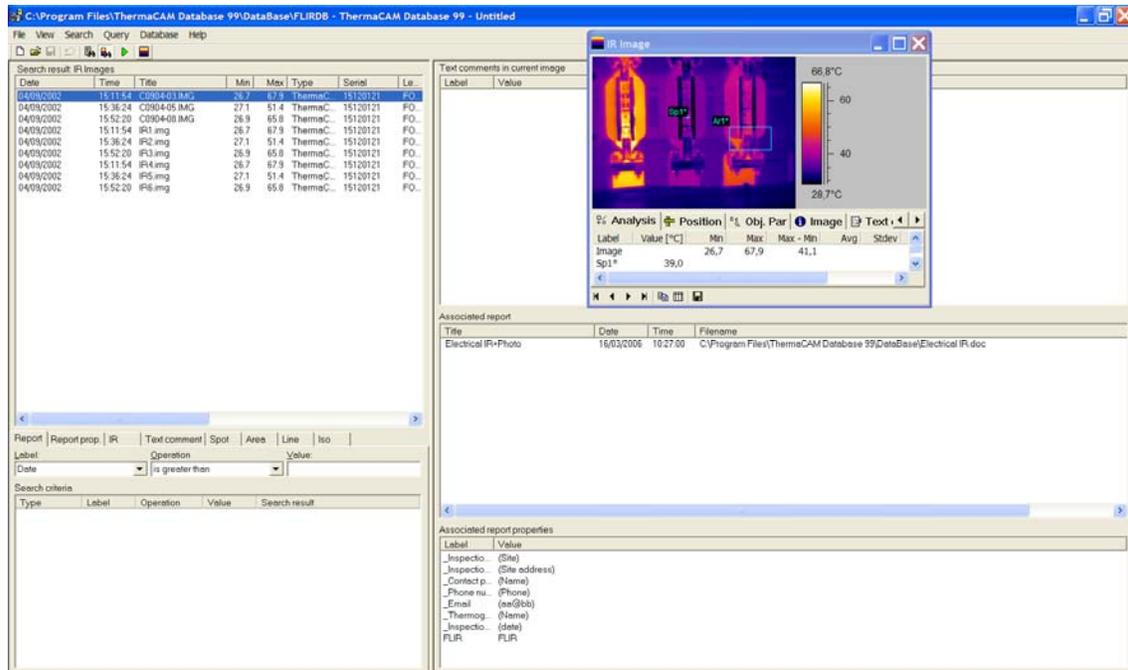


- | | |
|-------------------|---|
| tblarea | > Areas table (rectangles, circles, polygons) |
| tblIR | > Table with IR image names and characteristics |
| tblIRPar | > Table with text comments values |
| tblIRParLabel | > Table with text comments labels |
| tblIso | > Isotherms table |
| tblLine | > Lines table |
| tblQueryDesc | > Query characteristics table |
| tblQueryFilter | > Query filter table |
| tblReportPar | > Report properties table |
| tblReportParLabel | > Table with report properties labels |
| tblSpot | > Spots table |

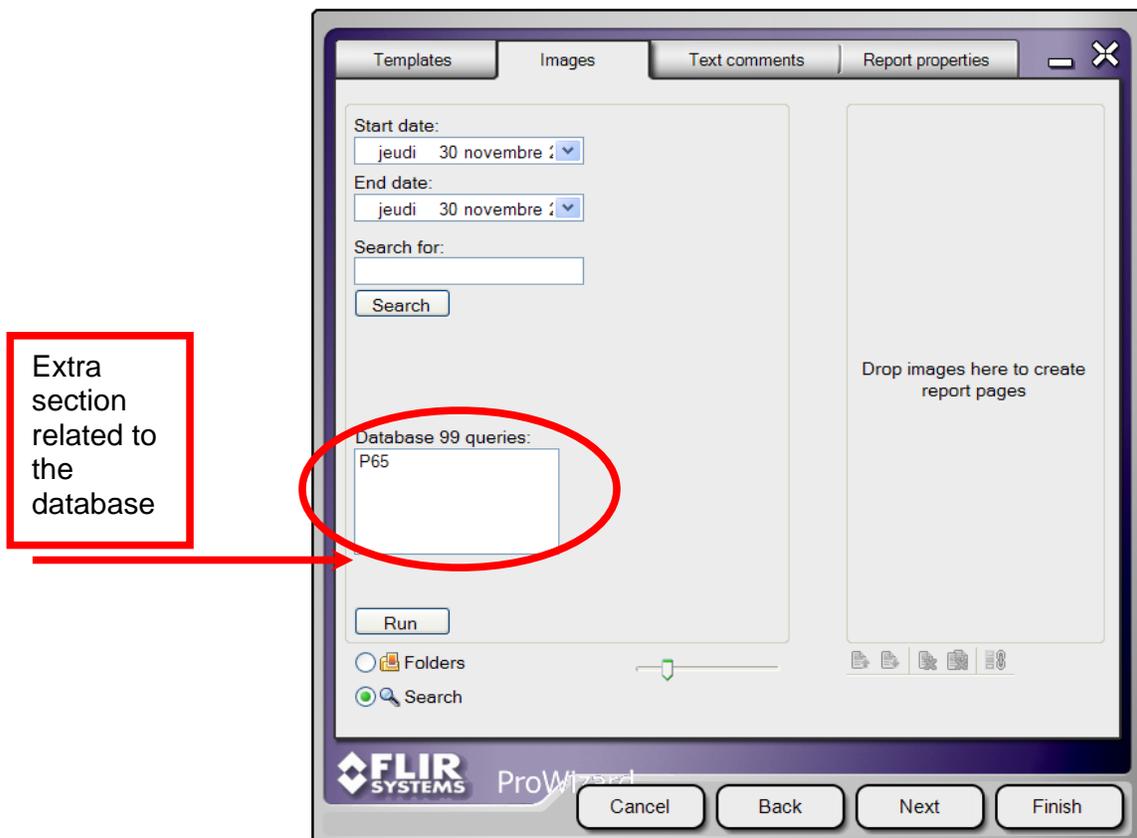
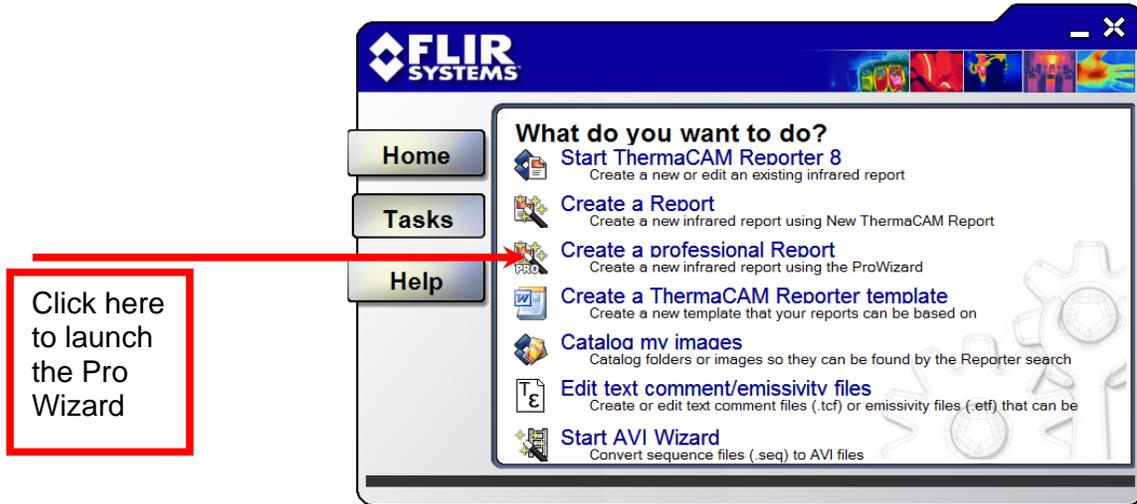
2 – An EXE file, named ThermaCAM Database 99 is installed on your computer. You use it to rapidly sort data, thanks to a set SQL queries.



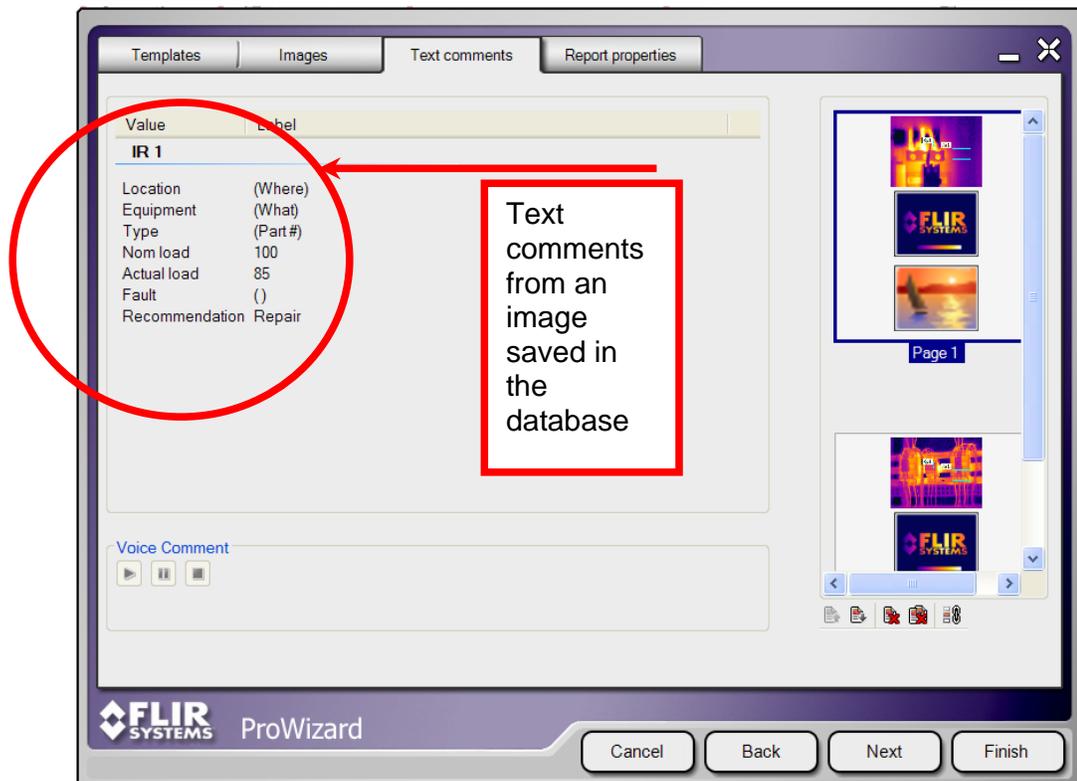
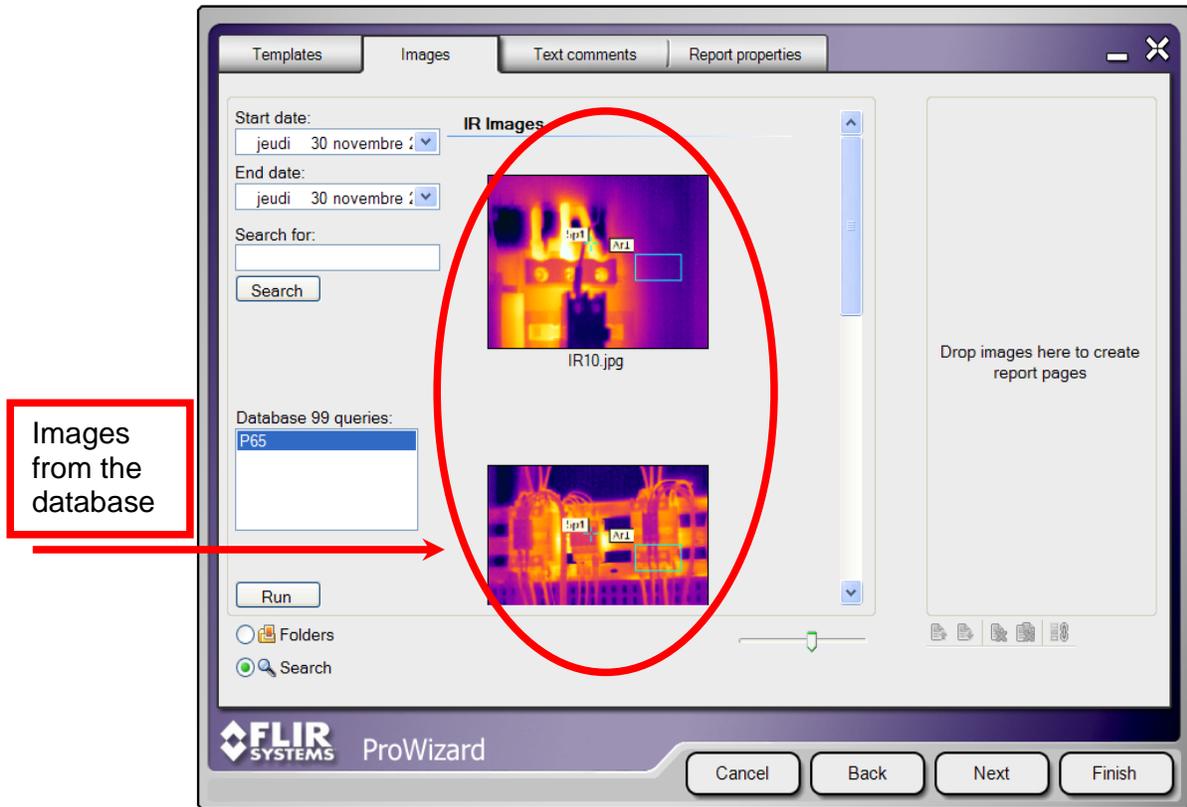
In case of a search on thermograms, the link with the report where it is included is kept. Moreover, a direct viewer is available.



3 – A new section is added in the **Images** tab of the Professional Wizard. You use it to include thermograms in the report resulting from a query. (This view is taken from Reporter 8, other versions may look different, but functionality is the same.)



The query has to exist first. It is prepared with the ThermaCAM™ Database 99 application. In the example above, it selects all images taken with a ThermaCAM P65 camera. Any exported parameter can be searched in a query.



Other operations of the report generation process are unchanged.