Dynatest

Dynatest Data Collection (DDC)

Dynatest Data Collection (DDC) is the data collection application used with most Dynatest equipment, including Deflectometers, Road Surface Profilers (RSP), Multi-Function Vehicles (MFV), and Friction Systems. Dynatest Data Collection is needed to operate the equipment, and it orchestrates the communication with embedded software to extract measurement data to a file.

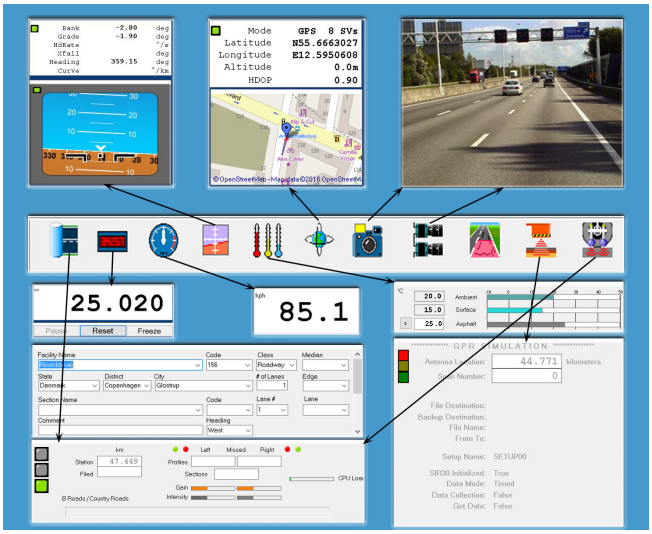
Dynatest®

Dynatest Data Collection (DDC)

The Dynatest Data Collection software comes with most of the Dynatest equipment. It helps you gather data from your specified equipment and sends it on to one of our data analysis programs.
The DDC offers a flexible layout through floating, resizable windows (applets) and offers voice feedback for error and warning messages, and can import data from multiple equipment.

Within DDC, you get the opportunity to select from different applets depending on your equipment and preference:

- Network (Roadway section database).
- DMI (Displays Distance Measurement readings).
- Speedometer (Shows your driving speed).
- Thermometer (Air, surface, asphalt temperature).
- GPS (Geographical coordinates and a map).
- IMS (Gyro) (shows: bank, grade, heading, crossfall and curvature data).
- Camera(s) (Displays and saves images from your cameras).
- High Definition Cracking (HDC) (3D Crack Detection).

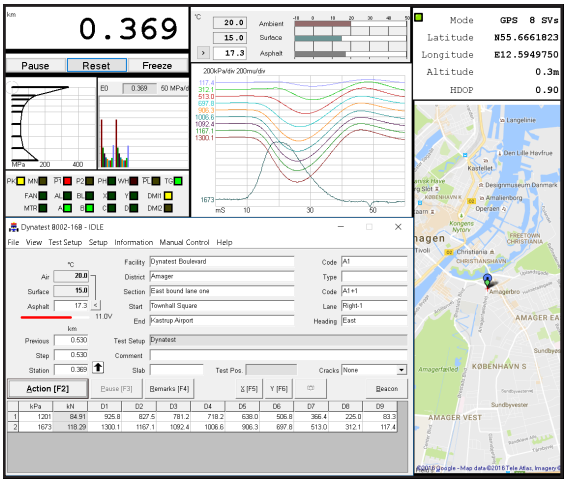


Applets are programs providing specific functionality to the main applications. Most applets appear in resizable floating windows . The Administrator can arrange the windows, but the resulting layout is locked for the Operator.

The data collection screen opens when the user clicks the “Start” button in Dynatest Data Collection.

Depending on your equipment, you will have visibility of your measurement data immediately while being on site and data from the geophones or laser cameras is shown in real time. Therefore errors can quickly be identified and corrected.
The defined applets help you with a good overview of only the required data.

A Screenshot from DDC using an FWD



A Screenshot from DDC using an MFV with RSP