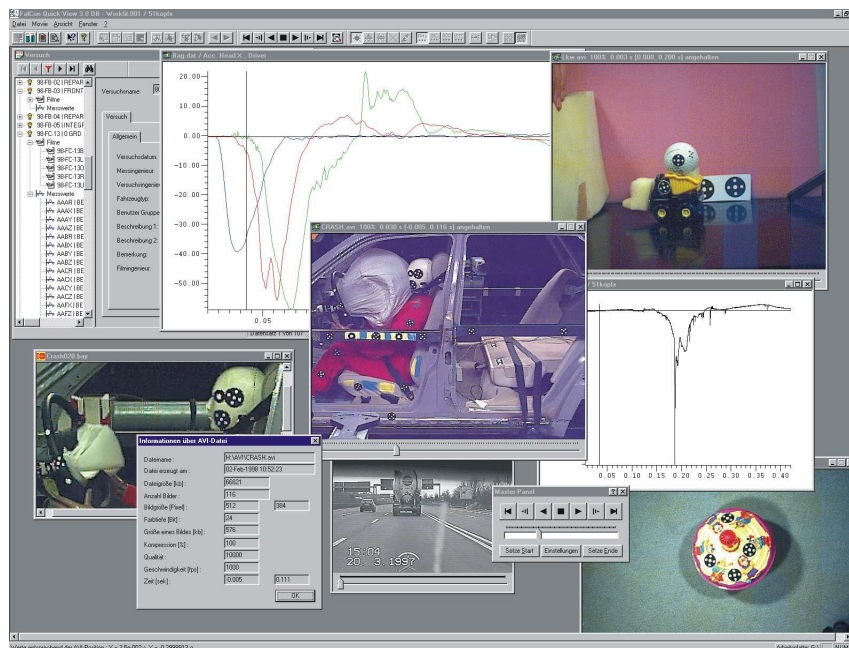


FalCon Quick View DB

(QuickView or AVI Creator is required)

**The Comprehensive Tool for Impact Tests:
Execution, Storage & Backup of Tests,
Navigation and Viewing of Digital Videos and Measured Data**



FalCon Quick View DB is more than a product, it is a concept. It consists basically of two separate programs: a **database server** and a **client program**.

The features offered by the **server** include automatic data backup, access protocols, access protection, automatic data importing and much more. A superordinate database can provide metadata about the tests to be performed.

In addition to the functions familiar from FalCon Quick View (picture processing, picture optimization, AVI creation and compression, synchronized representation of measurement graphs and AVIs), the **client** receives additional functions for managing the archive, performing tests, controlling cameras and transferring picture data from the camera to the host, not to mention one of the most important features, a "Navigator". This Navigator is the interface to the database, and can be used to perform searches. The Navigator window is divided into two sections: the left side contains a tree structure of the selected tests/film/pictures/measurement data, while the right side contains additional information related to the item selected on the left side. To display the films/pictures/measurement graphs, simply double-click or drag with the mouse.

Another very convenient feature is performing tests with camera control: you can set parameters for, monitor, or download from as many as 255 cameras in parallel. Once the test has been performed, all you need to do is click with the mouse and the system works automatically for you: transfer of picture data from the cameras to the host with simultaneous creation of AVIs, transfer of data to the server and compression of the AVIs. The server in turn backs up the data automatically on storage medium.

More than a program: an overall concept!

Server Components:

Data Backup (automatic)

- Save the data on DVD/BluRay/Band/Disk (2 copies each)
- Save the data base and data on distinct computers.

User Management

- Classify users in groups with different access rights.
- Manage the data access of client PCs.
- Log each access.

Digital Archive (automatic)

- Import measuring data via mail box (also possible manually).
- AVI compression.
- Transfer data to the user stations.
- Automatic distribution of emails, results

Client Components:

Archive Management

- Register users and permitted workstations.
- Handle user groups.
- Assign individual access rights for each test to user or groups.

Image Processing, Optimizing, AVI Creation, Compression and Viewing

- All features from FalCon AVICreator

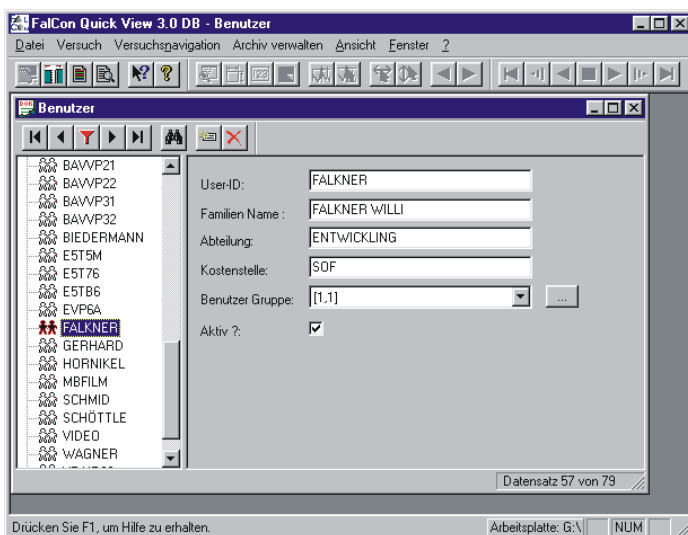
Test Navigation

- Similar to the MS Windows Explorer plus a data base functionality.

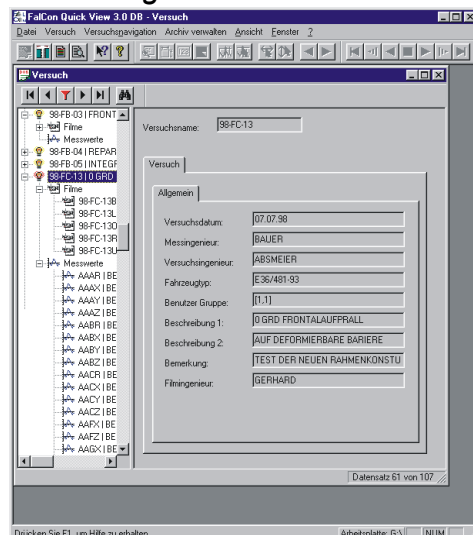
Test Execution

- Control high-speed cameras.
- Transfer image data from the cameras via Ethernet to the host.
- Research of tests

Archives Administration



Test Navigation



Technical Framework:

- Program system for computer platforms under WIN Server 2008 / 2012 / 2016 / 2019, WIN 7 / 8 / 10
- User interface compliant to MS-Windows.
- **Technical specifications are subject to change.**