

QarVision™

Analysis Software

- Complete History
- Graphical Analysis
- Reports on Demand

The QarVision™ analysis software lets you store, view, and analyze the data collected from your elevator.



With the **Complete History** of your elevator, it's easy to see what your elevator is doing over any time period. You can find:

- Changes and trends
- Intermittent problems
- What happened during an incident.

The QarVision™ analysis software stores all data from the elevator in a Microsoft Access database, making it available to other programs and database applications.

Viewing data graphically makes problems, patterns, and trends obvious. **Graphical Analysis** lets you easily check motor current during accelerations, motion while the door is open, or brake status when stopped. Compare speed over different distances or different time periods. It's all possible with the QarVision™ analysis software.

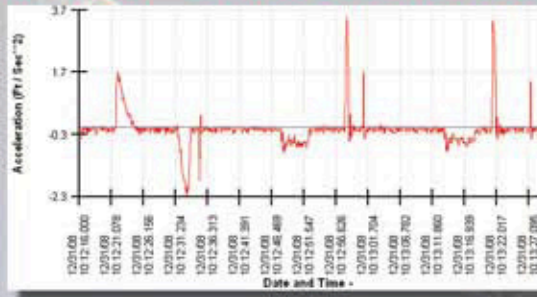
Good records are essential for good elevator management.

Whether you are considering a modernization, tracking down a persistent problem, or defending a lawsuit, QarVision™ gives you the information you need.

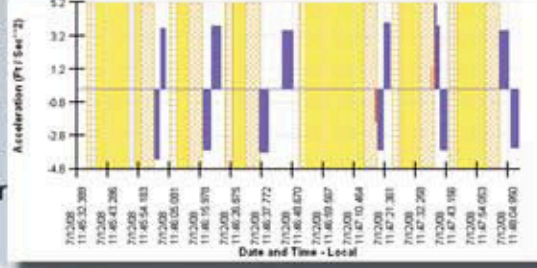
Generate **Reports on Demand** to see summary statistics and warnings. Identify trends, traffic patterns, and anomalies. Choose any time period you like, from 1 trip to 1 year. It's like having an elevator consultant in your PC, always on call to evaluate your elevator's present or past performance.

QarVision™ Graphs and Reports

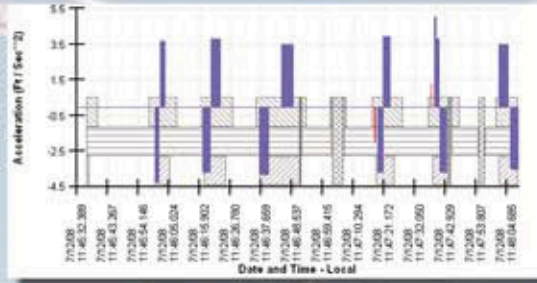
QarVision has 3 modes of operation: Acceleration Test, Inspection, and Speed Test. Acceleration Test mode records the acceleration, motor current, and hydraulic pressure. From the graph of the acceleration curve, you can see smoothness of motion, and any jerk or rollback that may be present.



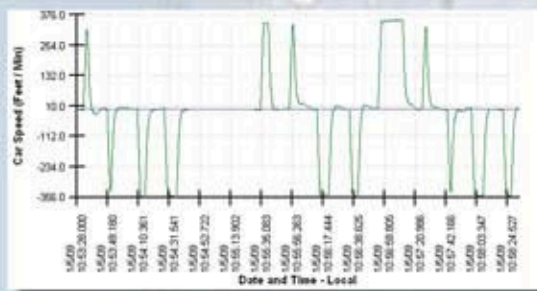
Inspection Mode is used for normal monitoring. Here, Acceleration (blue and red bars) is shown on door activity (yellow). You can easily see door times, dwell time, unintended motion, releveling, abrupt stops, and down time. Temperatures, max motor current, power, energy use, max speed, and max hydraulic pressure can also be graphed.



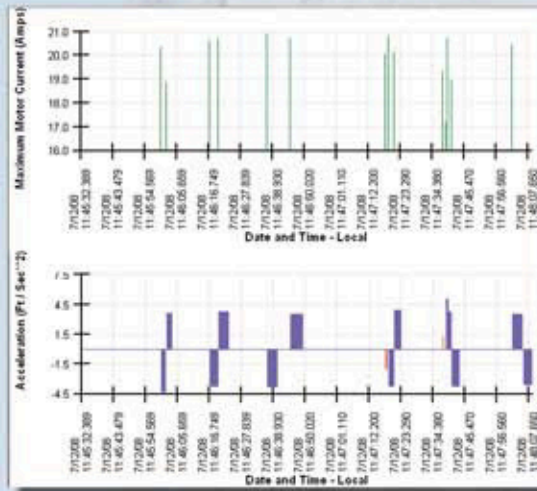
You can show Relay data on any other graph (shown here on acceleration). This enhances troubleshooting. Is travel occurring when the door interlock is open? Is the brake energized when the car is moving? Is the safety string open?



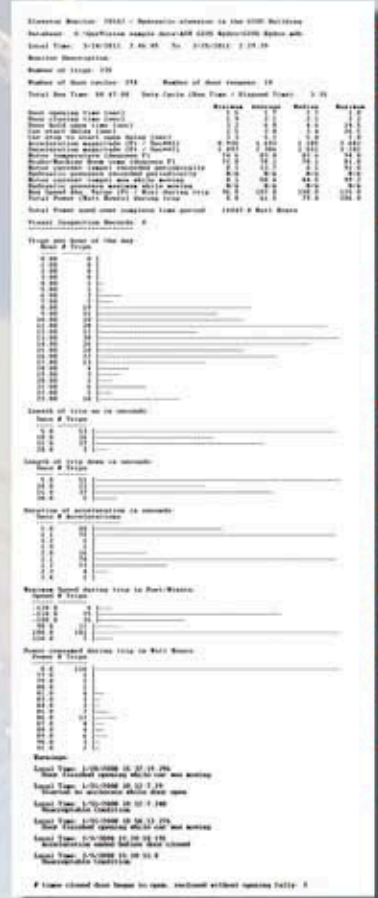
In Speed mode, you can instantly evaluate performance from the Speed graph. Is your elevator meeting the contract speed? Is the speed consistent? And you can see the energy used during each trip.



Comparing graphs over the same time period often highlights a problem. Is the motor drawing too much current during accelerations or decelerations? Is hydraulic oil leaking when the car is stopped?



Generate Reports over any time period, from one trip to years of use, to provide summary statistics as well as warnings of potential problems.



Operational Description

Statistics

Traffic by Hour

Duration of Up and Down Trips

Duration of Acceleration

Max Speed

Energy per Trip

Warnings



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