



**Analyze APP:
Transforming data
into insights.**



SAFE LOAD
testing technologies

What should you measure in logistic transport?



01. **Vibrations**

02. **Shocks**

03. **GPS**

04. **Temperature
and humidity**

01.

Vibrations

ANALYZE TRIAXIAL ACCELERATION AND ROTATIONS.

ANALYZE VIBRATION, CLIMATIC AND GPS DATA TOGETHER.

CUSTOMIZE THE ANALYSIS PARAMETERS AND SELECT EVENTS OF INTEREST AMONG ALL THE DETECTED EVENTS FOR ACCURATE RESULTS.

CALCULATE THE PSD (POWER SPECTRAL DENSITY) OF EACH EVENT AND OF THE EVENT SUMMARY.

CALCULATE THE PDF (PROBABILITY DENSITY FUNCTION) OF THE EVENT SUMMARY.

GENERATE AUTOMATIC REPORTS.

01.

Vibrations



VIBRATION ANALYZER: UNLOCK THE POWER TO ANALYZE AND UNDERSTAND TRANSPORTATION VIBRATIONS WITH EASE.

02.

Shocks

ANALYZE TRIAXIAL ACCELERATION TO IDENTIFY SHOCKS AND LONG DURATION ACCELERATIONS.

DETECT ROUNDABOUTS, CURVES, BRAKING AND SPEED BUMPS AUTOMATICALLY USING PRESET CONFIGURATIONS.

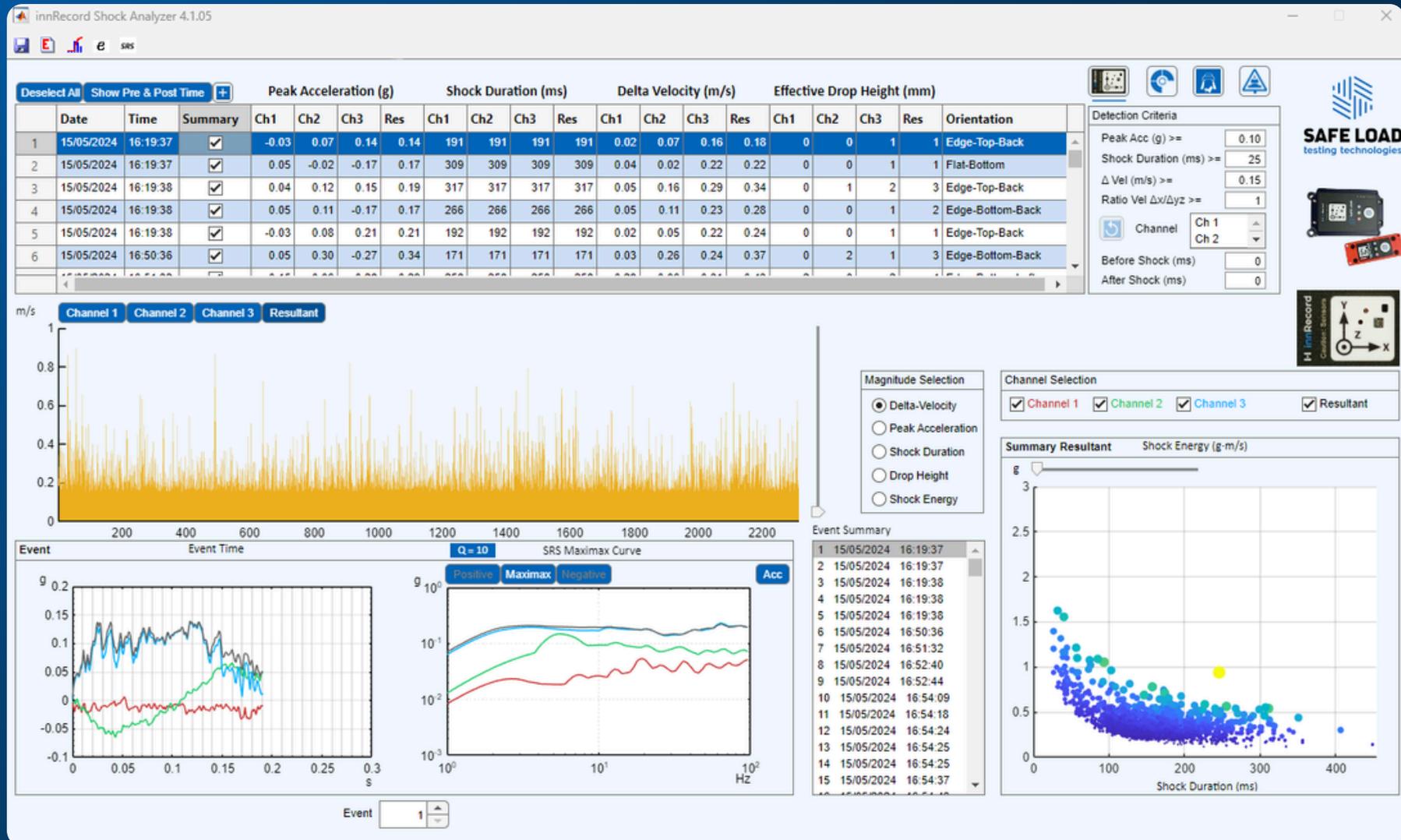
CALCULATE THE SRS (SHOCK RESPONSE SPECTRUM) AND ESTIMATE THE EQUIVALENT DROP HEIGHT OF THE SHOCKS.

EXPORT DATA AND GRAPHS, SUCH AS THE SHOCK GRAPH, SRS, EVENT BALL CHART, ETC.

GENERATE AUTOMATIC REPORTS.

02.

Shocks



ANALYZE SHOCKS AND PROLONGED ACCELERATIONS, GENERATE DETAILED REPORTS, AND EXPORT SHOCK GRAPHS WITH EASE. PERFECT FOR A WIDE RANGE OF APPLICATIONS, IT'S YOUR KEY TO SMARTER EVALUATIONS!

03.

GPS

PLOT THE GPS TRACK IN DIFFERENT MAP STYLES.

PLOT THE SPEED GRAPH OF THE ROUTE.

LINK POSITION, SPEED AND TIME IN YOUR ROUTE.

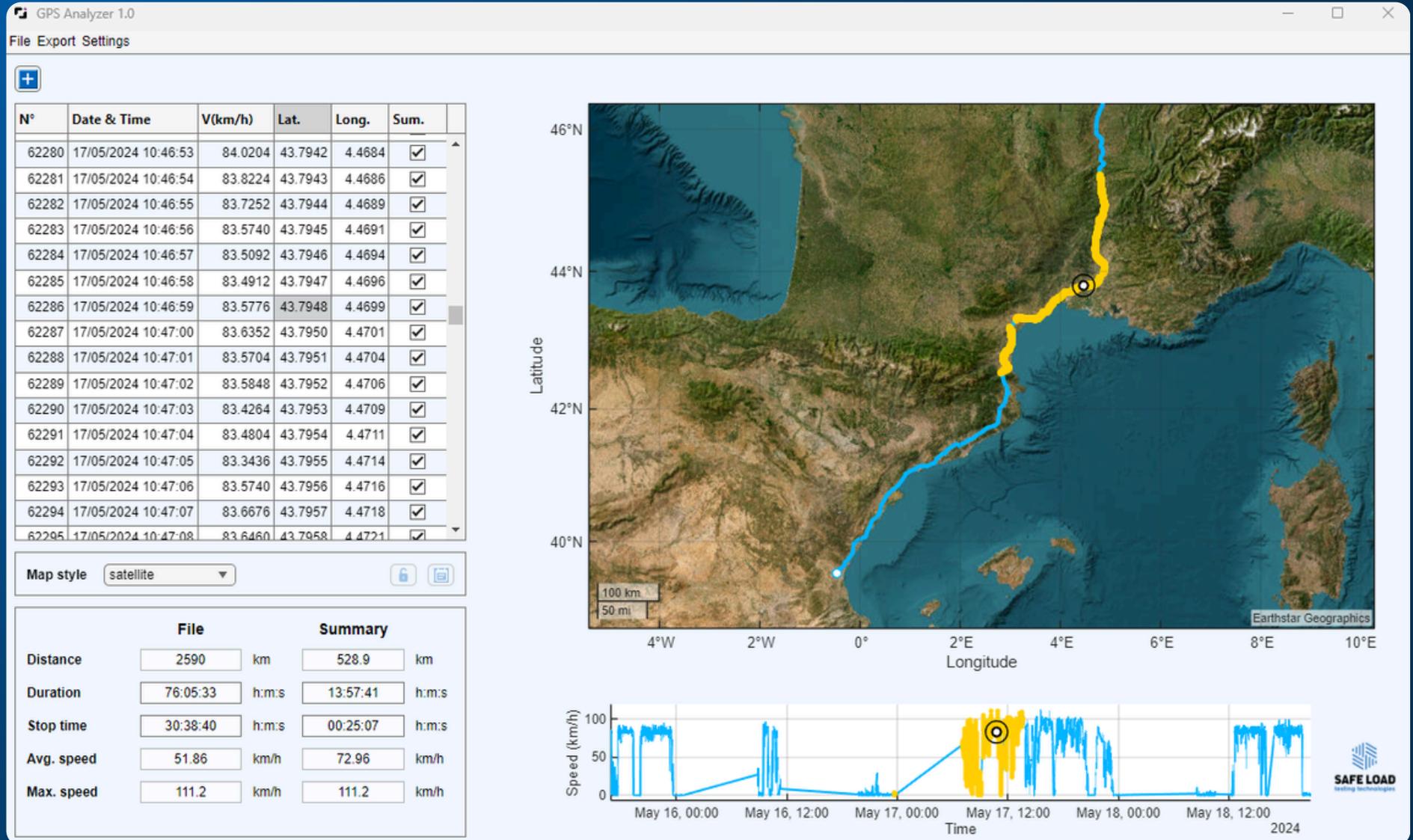
SELECT EVENTS IN THE ROUTE ACCORDING TO TIME AND SPEED.

CALCULATE THE DISTANCE, DURATION, STOP TIME, AVG. AND MAX SPEED OF YOUR ROUTE.

GENERATE AUTOMATIC REPORTS.

03.

GPS



PLOT GPS TRACKS, REVIEW SPEED GRAPHS, AND EXTRACT KEY INSIGHTS LIKE MAX/AVG SPEED AND EVENT HIGHLIGHTS—EMPOWERING YOU TO OPTIMIZE EVERY MILE OF YOUR JOURNEY!

04.

Temperature and humidity

PLOT TEMPERATURE, RELATIVE HUMIDITY AND ATMOSPHERIC PRESSURE.

PLOT THE GRADIENTS OF THESE VARIABLES.

SELECT EVENTS IN THE ROUTE ACCORDING TO TEMPERATURE, HUMIDITY, PRESSURE AND TIME.

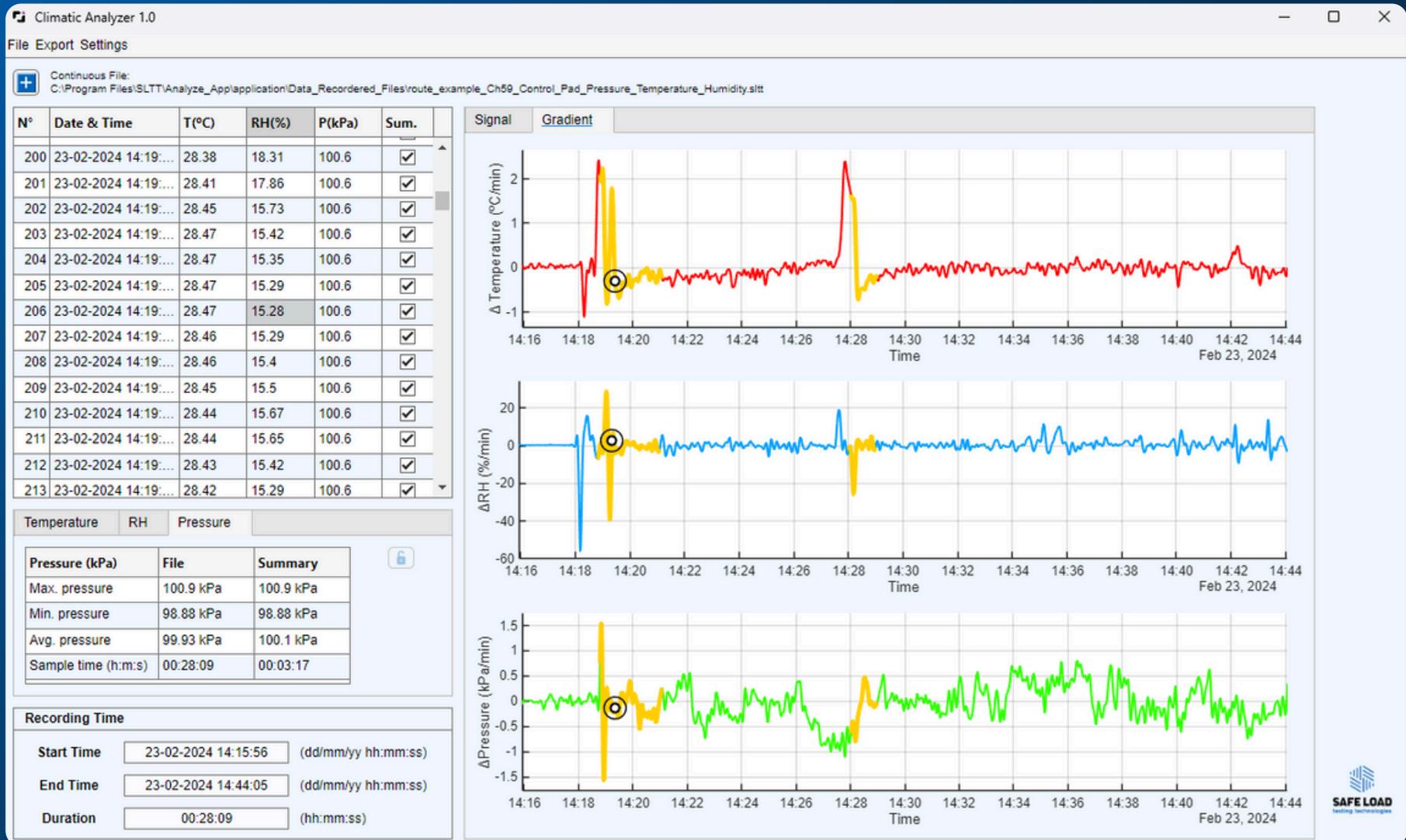
CALCULATE THE MINIMUM, MAXIMUM AND AVERAGE VALUE OF THE SIGNALS, AND THE TIME DURATION OF THE SELECTION.

KNOW HOW LONG YOUR LOAD HAS BEEN OUT OF ITS ACCEPTABLE TEMPERATURE AND HUMIDITY RANGE.

GENERATE AUTOMATIC REPORTS.

04.

Temperature and humidity



CLIMATIC ANALYZER: ANALYZE TEMPERATURE, HUMIDITY, AND PRESSURE WITH PRECISION. TRACK GRADIENTS, PLOT CHANGES, AND EXTRACT KEY INSIGHTS TO ENSURE OPTIMAL TRANSPORT CONDITIONS.

Track. Measure. Protect.

 **innSoft**

 **innRecord**





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C O N T A C T U S