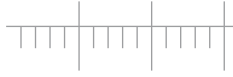




The Analysis System for Active Vehicle Safety

XCrash Zero

Efficient Testing of Active Safety Functions



Driver assistance systems are an integral part of modern safety concepts and play a key role in vehicle development. In addition to legal requirements, the



safety standards of well-known consumer protection organizations such as Euro NCAP are also trend-setting.

Tests under real conditions are indispensable for the development and validation of safety systems. With the help of automated, synchronized targets, driving scenarios are simulated and predefined maneuvers are performed on the test track. Captured are the data of the car bus and of additionally connected measurement technology. The goal is to use this data to arrive at a reliable evaluation of the test as quickly and easily as possible.

Your Analysis Tool: X-Crash Zero

X-Crash Zero enables you to quickly view and evaluate the results on site. On the other hand you have diverse possibilities for the later analysis. You can document individual tests in reports and compare entire test series. Numerous formats are available for report output.



Euro NCAP Assessment

Max. Points	2.000
Points	2.000
Rel. Points	100.0

Measurement data, characteristic values and evaluations are clearly presented in the report.

For Standard Tests and Custom Scenarios

X-Crash Zero contains functions for common standard tests such as of Euro NCAP. But also individual analysis macros can be integrated at any time due to the high flexibility of the system. With one click you receive meaningful, reliable result reports.



Intuitive User Guidance

1. Load data

2. Select test

3. Start evaluation



Keep up with X-Crash Zero

Legal regulations and in particular the regulations of consumer protection organizations are developing rapidly and demand ever higher safety requirements. Assistance systems have to prove their functionality under ever new conditions in order to survive in the safety rating. The high dynamics of changes in international standards pose major challenges for automotive development. After all, success depends to a large extent on whether the test

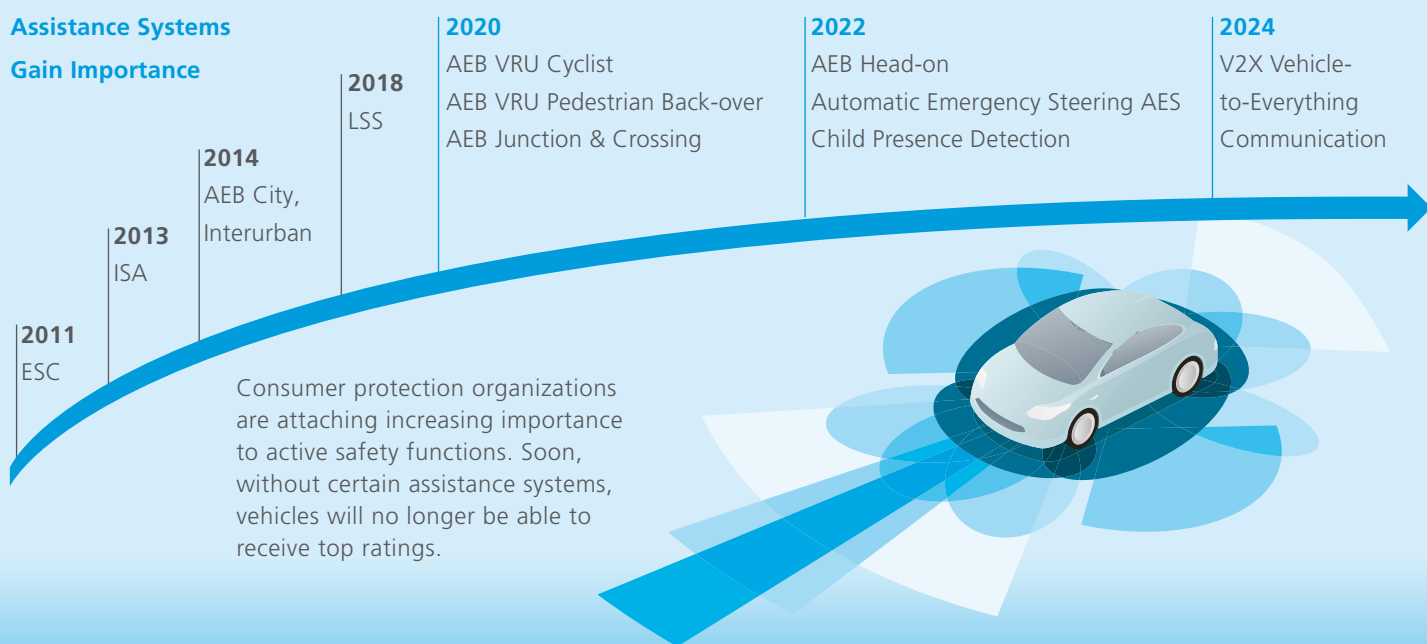
criteria of tomorrow are incorporated into the development process in a forward-looking manner.

XCrash Zero

More reliability in evaluation and cost savings through:

- ✕ Automated analysis according to international standards such as of Euro NCAP
- ✕ Wide range of integrated tests (AEB, FCW, LSS)
- ✕ Ongoing expansion with new test regulations
- ✕ Continuous updates of already implemented analyses (legal maintenance)
- ✕ Reliable analysis based on the standard software X-Crash for passive vehicle safety
- ✕ Broad user base, long-term support

Assistance Systems Gain Importance



X-Crash Zero helps in mastering the situation. Automated analyses according to predefined standards accelerate the testing and validation of active safety systems.



X X-Crash Zero

File Analysis Report Logging Settings

Test Projects

Default

Euro CCR

CCRb

AEB_CCRb_40_06

Your Partner in Vehicle Safety

X-Crash Zero bundles the decades of expertise in the fields of measurement data analysis and vehicle safety of measX. Since the mid-1990s, we develop software that improve vehicle and traffic safety.

A milestone is the X-Crash software, which was originally created for the analysis of crash tests. The program, based on NI DIAdem, is today the world's leading analysis system for passive vehicle safety and the mandatory Euro NCAP standard. X-Crash Zero is the program variant for active safety.

XCrash

Automated and interactive analysis of passive vehicle safety tests

XCrash ATD

Calibration and certification of crash test dummies

XCrash Zero

Automated analysis of tests for active vehicle safety (driver assistance systems)

NOSES

Planning, execution and evaluation of driving tests, in particular for testing driving dynamics