

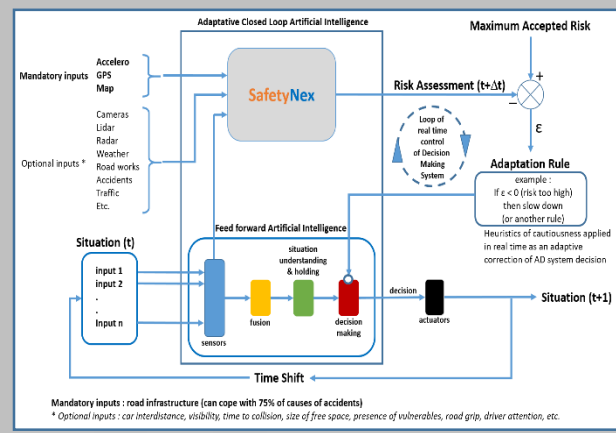
. Monitors your existing AD system in terms of road safety

. AI validated by market for mass-volume deployment

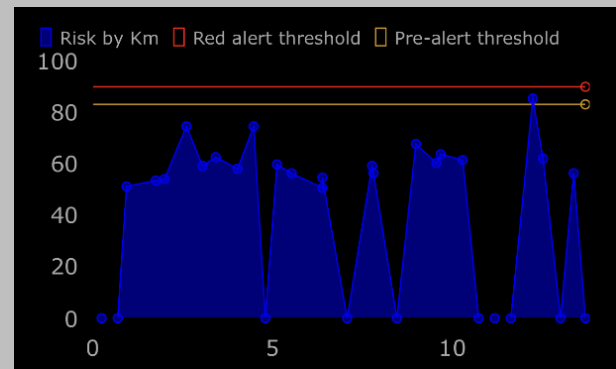
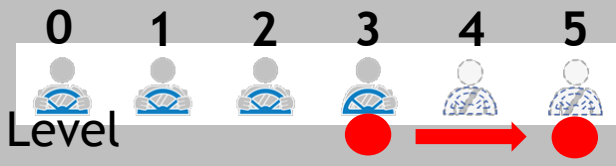
SafetyNex is an **onboard** software **component**, to be integrated into customers products such as AD System, that computes at each moment the **driving risk** that the robot (AD system) is currently taking. This taken risk is predictive of accident situations. Then it is possible to **servo control** AD system with **anticipation** and keep risk under a max accepted value, applying heuristics of cautiousness such as « *smoothly slow down if driving risk rose too much and check then that risk is reduced* ».

This is a complete disruption : using an **explicit** value of driving risk to be **adaptive to risk without changing a line of code**.

This makes YOUR AD system **drive safer** even in dense urban areas or countryside. SafetyNex technology is the result of 15 years of high level official research programs on **Artificial Intelligence** and **Road Safety** with scientific publications. **Technical Validation** was made on 50 million km.



[CLICK](#) to enlarge : servo control of an AD system using real time driving risk computing



Evolution of driving risk among time



Click

Short video that explains what is driving risk

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Servo control AD System and keep risk under the red line, using heuristics of cautiousness such as « smoothly slow down and check that driving risk is reduced ». You can put the red line where you want and modulate this max accepted value depending on location, hour, traffic, weather, driver, etc ... in order to modulate aggressiveness of your self-driving vehicle.