



SCHOOL SAFETY SYSTEM

Securing and monitoring road traffic around schools to provide the highest possible protection for our children



A study by the independent Belgian Road Safety Institute Vias (*) shows that **78% of accidents involving children** and occurring during school hours occur **within 300 m of the school** and 5% in the school-specific 30 km/h zone. So, it is important to continue working on increasing the safety of children around schools.

Speed is the risk factor that weighs most heavily on **the severity of injuries**. But there are also other factors that influence the risk of accidents. For example, using a mobile phone while driving increases the **reaction time** by 30 to 70% and, consequently, the braking distance.

We offer a solution that aims to **minimize this risk of accidents** and drastically increase safety around schools. Thanks to our **intelligent cameras, environmental sensor and our powerful M³ software**, which centralizes all relevant data and manages variable message signs in real time, we can offer you a wide range of measures.

As we at Macq are very eager to help you protecting school children by increasing their safety, we are really looking forward speaking about your project and designing **a solution tailored to your specific situation**. Please feel free to contact us at any time.

CONTACT

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SOME EXEMPLARY MEASURES

- ▶ **Controlling average speed** and other dangerous driving behaviors (double parking, overtaking, use of cell phone, seat belt violations, etc.) to encourage all users to follow the rules
- ▶ Monitoring of temporary, **restricted traffic zones** in which only certain vehicles can drive
- ▶ Management of **variable message signs (VMS)** alerting road users to the presence of children during specific time periods
- ▶ **Stimulate good driving behavior** thanks to the use of intelligent cameras
- ▶ Monitoring **"kiss & ride" zones** and detecting road users who stay too long in these areas
- ▶ Display **educative statistics & information** raising awareness of the risk of accidents involving children
- ▶ Real-time **"pedestrian warningsystem"**

(*) VIAS (IBSR), Rapport de recherche n° 2015-R-04-FR, « En toute sécurité sur le trajet de l'école ».