

COMANDO OPERACIONAL

AUTONOMOUS DRIVING
CHALLENGES FOR ENFORCEMENT

GUARDA
NACIONAL
REPUBLICANA



AUTONOMOUS DRIVING

CHALLENGES FOR ENFORCEMENT

INTRODUCTION

APPLICATION WITH THE POLICE

MISUSE

SAFETY & SECURITY

CONCLUSIONS



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UMA FORÇA HUMANA, PRÓXIMA E DE CONFIANÇA

INTRODUCTION



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APPLICATION WITH THE POLICE

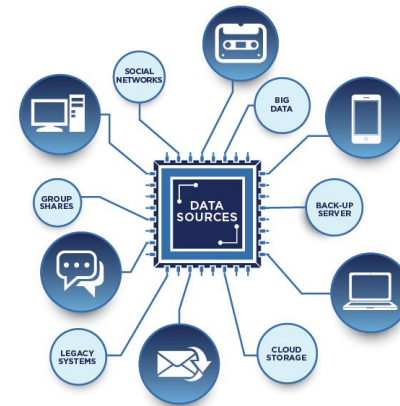
Remote access by the police

Out-of-control cars or cars with uncooperative passengers could be stopped through remote access.



Preservation of evidence

The enormous amounts of data, arising in autonomous vehicles, could be used for law enforcement.



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MISUSE

Unjustified stopping of vehicles

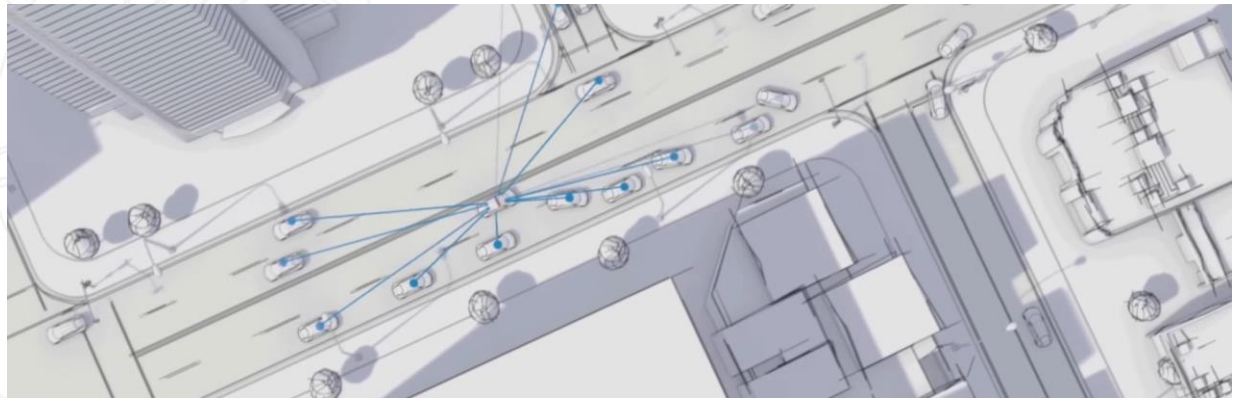
Following offences like robbery or theft

Data theft

Whereabouts, movement profile

Spread of malware

Via communication links like Wi-Fi or Car-To-X



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MISUSE

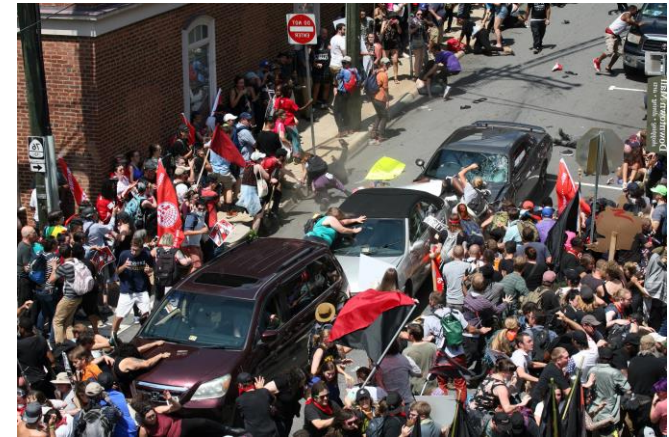
Misuse of the vehicle as a weapon

Against passengers or pedestrians

Remote access

Airbag triggering when driving

Blockage of the airbag in case of an accident



Passenger kidnapping

Transfer of explosives to the point of attack

Driver does not have to be in the car



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SAFETY & SECURITY

TRAFFIC SAFETY

TRANSPORT REGULATION

CRIME PREVENTION



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SAFETY & SECURITY



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CONCLUSIONS

Sensitisation of the legislation

Possibilities for misuse must be considered for legislation

Sensitisation of the police

Definition “safe area”

Competence development among the police



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Tenente-Coronel

Obrigado

