# Security for everyone, everywhere

Detroit model for the whole U.S.A.

Enrico Magnago Alaa Salih Sridhar Bangalore Venugopal Yuping Yan

University of Trento

## Index

- 1. Introduction
- 2. Security issue: solution
- 3. Trade-off
- 4. Security-privacy trade-off
- 5. Conclusion

#### Scenario

• year : 2050

• where: United States of America

• problem statement : should the whole country use the Detroit security model?





## Data to enable security

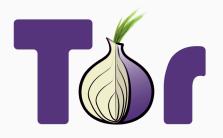
Real time data stream analytics





**Privacy** 







# Security issue: solution

# Security issue: solution

#### Detroit solution has proven its effectiveness

no more dead or injured cops....lowest crime rates ever...





# Security issue: solution

#### Drawback

Cost: generalized data collection.



# Trade-off

## **Trade-off**

evaluate costs and benefits of all the possibilities.





# Security-privacy trade-off

# Security-privacy trade-off

# Security value





# Security-privacy trade-off

## Privacy value

How do we use it?





# Conclusion

# Conclusion

# Conclusion

