



CES SMART CITIES HACKATHON 2017



THE PROBLEM OF THE DAY

Cities around the world lack an easy and consistent way for security services or law enforcement to get a 'situational report' of the place.



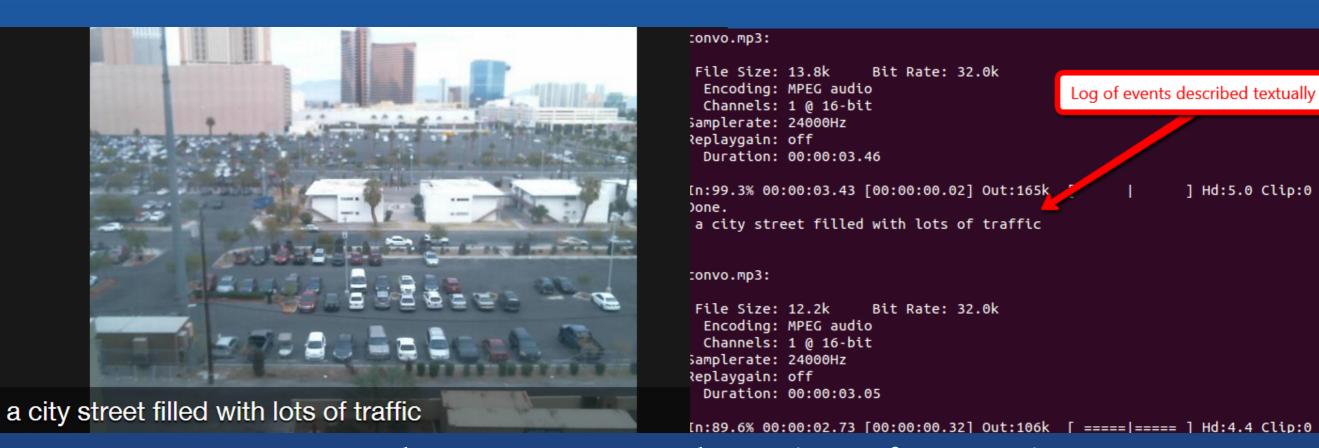
WHY DO THE REPORTS MATTER?

Reports filed capture on-the-ground incidents as they happened. This is important for the city in order to maintain law and order.

What makes these reports difficult are a few things –

- 1. Too many areas, not many policepersons not all areas covered.
 - 2. Inconsistent use of language to report.
 - 3. Lack of actionable data and a centralized log of occurrences.





Natural Language Explanation of scenarios Data geotagged and logged centrally from all sources



MEASURING POLICY OUTCOMES

Using actionable data to manage security deployment.

Managing expectations and scenarios automatically.

- Situations of security, unrest, medical attention, crowds.

Data as a Service

THE TECHNICAL DETAILS

Custom machine learning/NLP and computer vision algorithms for auto-captioning live video streams.

IBM BlueMix Text-to-Speech to describe scenes.



GREAT TIMES ARE WAITING







THANK YOU

CHALLENGES ENTERED - UL, IBM BLUEMIX