

AND TECHNOLOGY

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MEET THE TEAM



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How has technology and AI improved/affected crime rates in big cities like New York?

INTRODUCTION

Past vs. Present Statistics



Non-technological crime prevention measures in NYC



NYC Mayor **Eric Adams** plan announced a crime reduction plan for 2022



Perks for employees to hire individuals from disadvantaged areas



Work with state police, FBI to prevent illegal gun inflow to the state;



Expanding anti-violence Crisis Management System (CMS)

Survival Dance Technologies

Adopted by the NLP

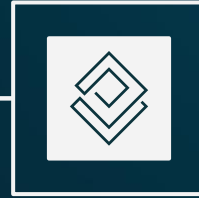


Examples of the surveillance technologies adopted by NYPD are:

NYPD's Facial
Identification Section
(FIS)



Local DNA Index
System



Video Analytics using
IBMs object
identification



SkyWatch &
TerraHawk
Surveillance Towers



Bias based on race, age or gender leading to the over-policing of certain communities



Social media posts may not always be a true reflection of people's lives and can lead to self-censoring



Criteria for inclusion may include association with a known gang member, style of dressing, tattoos, color of clothing or frequenting an area

Issues with surveillance technologies



Technologies that can be implemented

MATCHING SEQUENCE

lorem ipsum dolor sit amet
consectetur adipiscing elit

WHAT CAN BE DONE?



1

Intelligent
video
surveillance;



2

Emergency
alarms and



3

Abnormal
sound source
detection
services



4

Vehicle crime
prevention
components



WHAT CAN BE DONE?

These technologies used in smart city in Korea are definitely the technologies that NYC can take a look at and benchmark them for a safer environment.

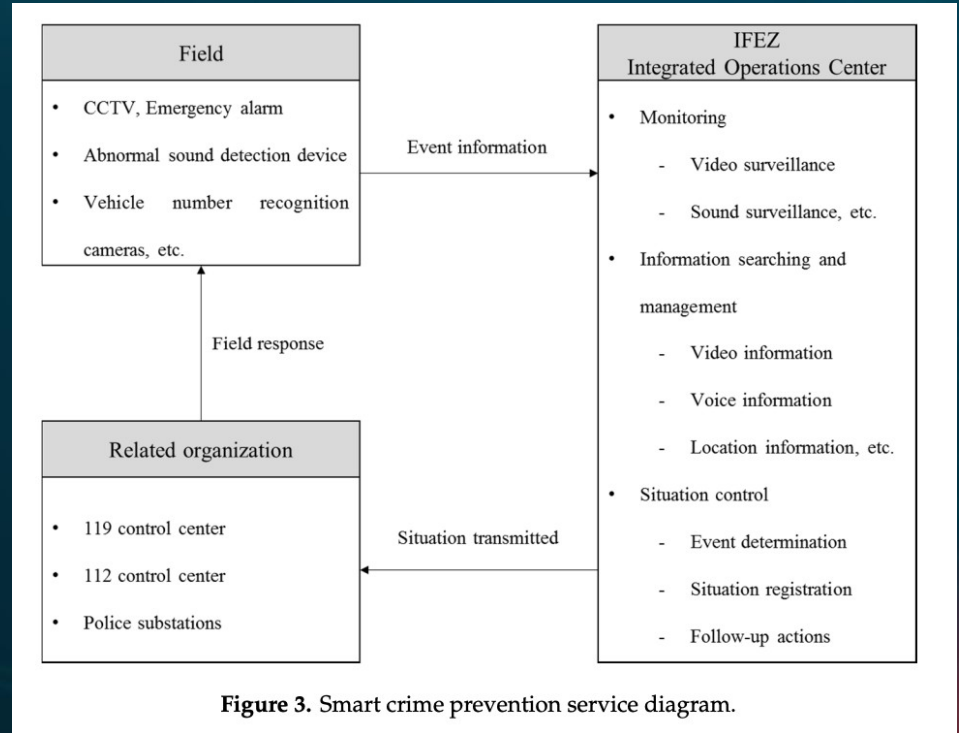


Figure 3. Smart crime prevention service diagram.

Technology that can be applied

- AI system which automatically analyses the probability of a crime, to prevent future incidents.
- The sound of footsteps determines whether the person is in a hurry or in a tranquil state.
- An additional function of AI CCTV is comparing the current situation with past crimes in order to measure the level of danger.

WHAT CAN BE DONE?

**Mission Critical
Push-to-X
(MCPTX)**

Especially for First
responders



QR Code Alarm

Emergency call



Ethical Issues and Dilemmas

Sensitive Areas: Crime prevention, Justice management, Crowd Management and Emotion Analysis, Technological Innovation

Transparency and Bias are the main issue of "Data Ethics".



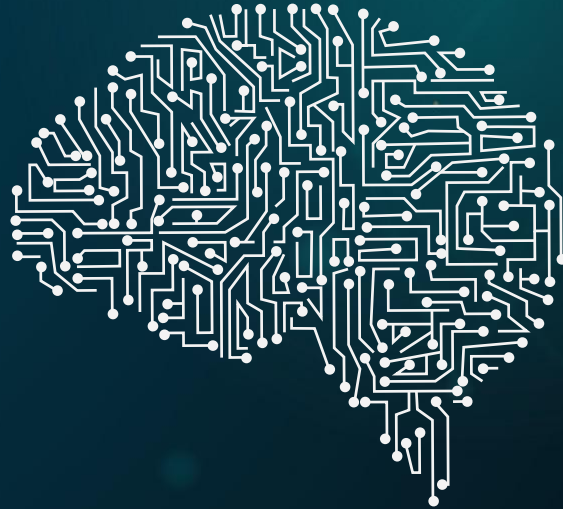
Incorrect Classification is a concern for Risk Assessment or the Decision-Making Process

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Final Thoughts

How safe is NYC?

Based on our findings and statistics, highlighted in our presentation, crime rates in the city are increasing every year and the technological measures taken to address these crimes raise the question of how ethical it is to use artificial intelligence.



**THANK
YOU**

