



# Face Recognition-Internet of Things Fused System for Criminal Recognition and Location Identification for West Africa

A presentation by [Olamma Iheanetu @TNC19](#), Tallinn,  
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- Crime is a continuous problem



- Criminal at large is a threat to national security
- Location Identification, Recognition and Apprehension of criminal at large is a daunting task especially in geographically sparse communities

# Methods of Identification

- Rewards system
- Fingerprint system
- Photographs – posters or pictures across town
- Detection – traffic stops, stop searches



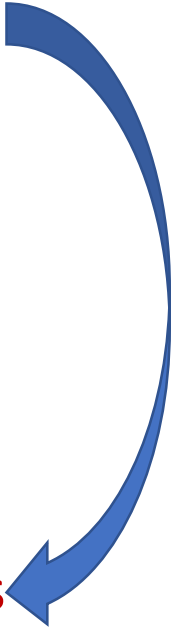
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Technological advancement



Emerging digitized / smart societies



Leverage mostly on IoTs



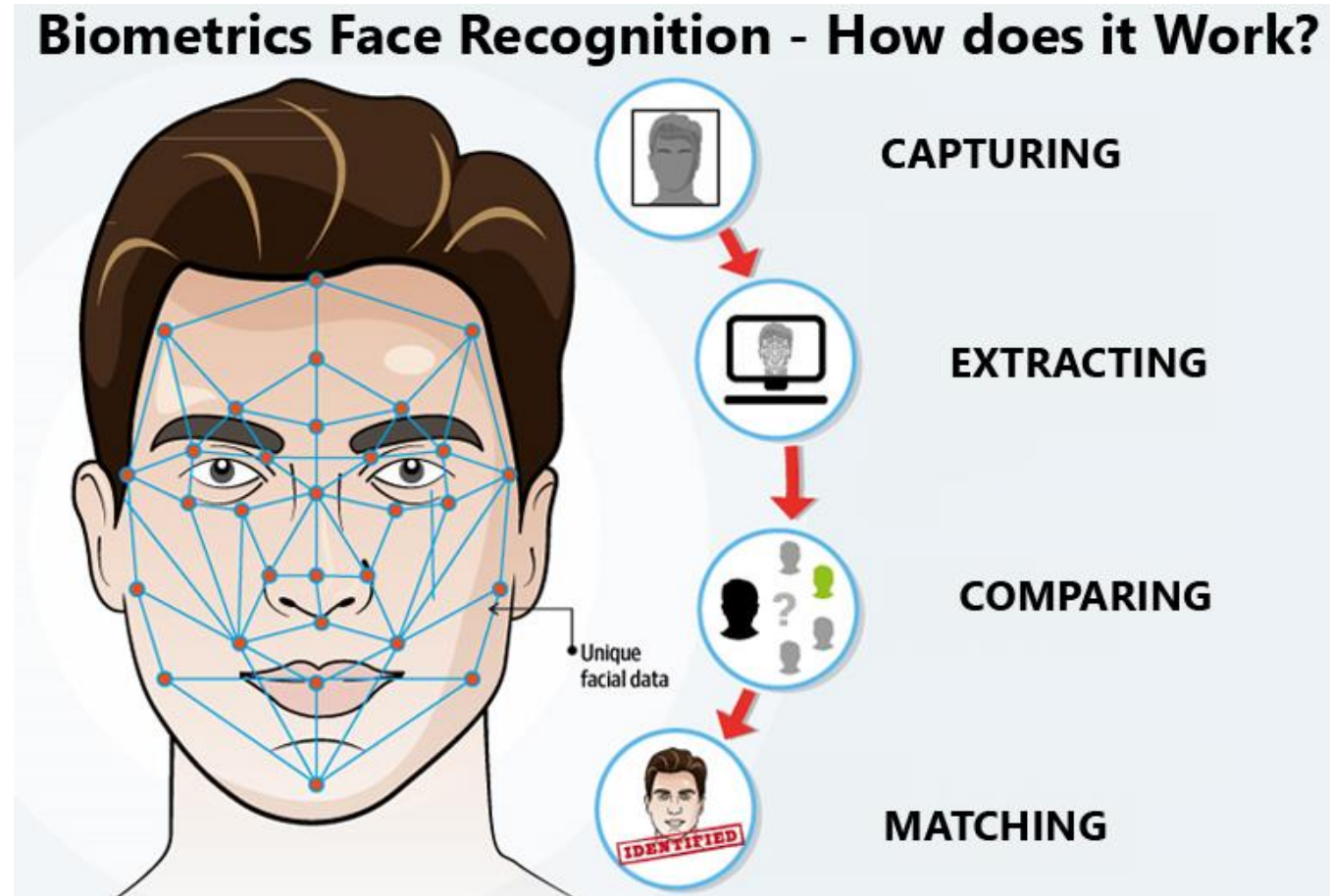
Improve / Enforce a change in societal lifestyle



## AI Algorithms have been Applied -

- Predictive Policing systems (crime and victim prediction)
- Crime detection in real time
- Suitability of suspects for release on bail
- Monitoring individuals on terrorism watch lists
- Find missing persons

# Face Recognition (Machine Learning)



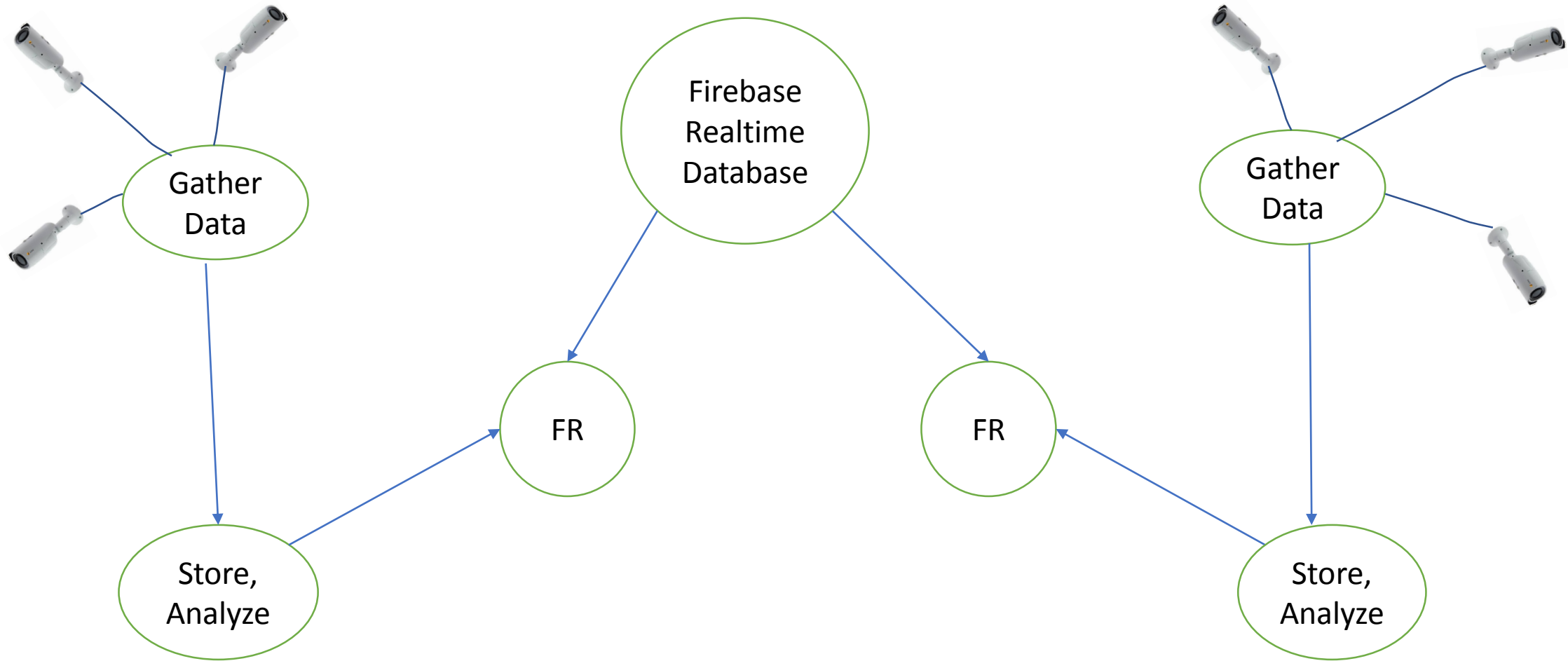


Surveillance cameras provide real time feeds

- Facial recognition
- Object Identification (lost/stolen vehicles, etc)



# Face Recognition-IOT Fused System





The proposed solution should :

- ✓ Inform a rapid intervention/ response from the appropriate authority(ies)
- ✓ Provide leads to possible location of Identified wanted person(s)
- ✓ Ultimately facilitate possible apprehension of such persons

# Aitääh!

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