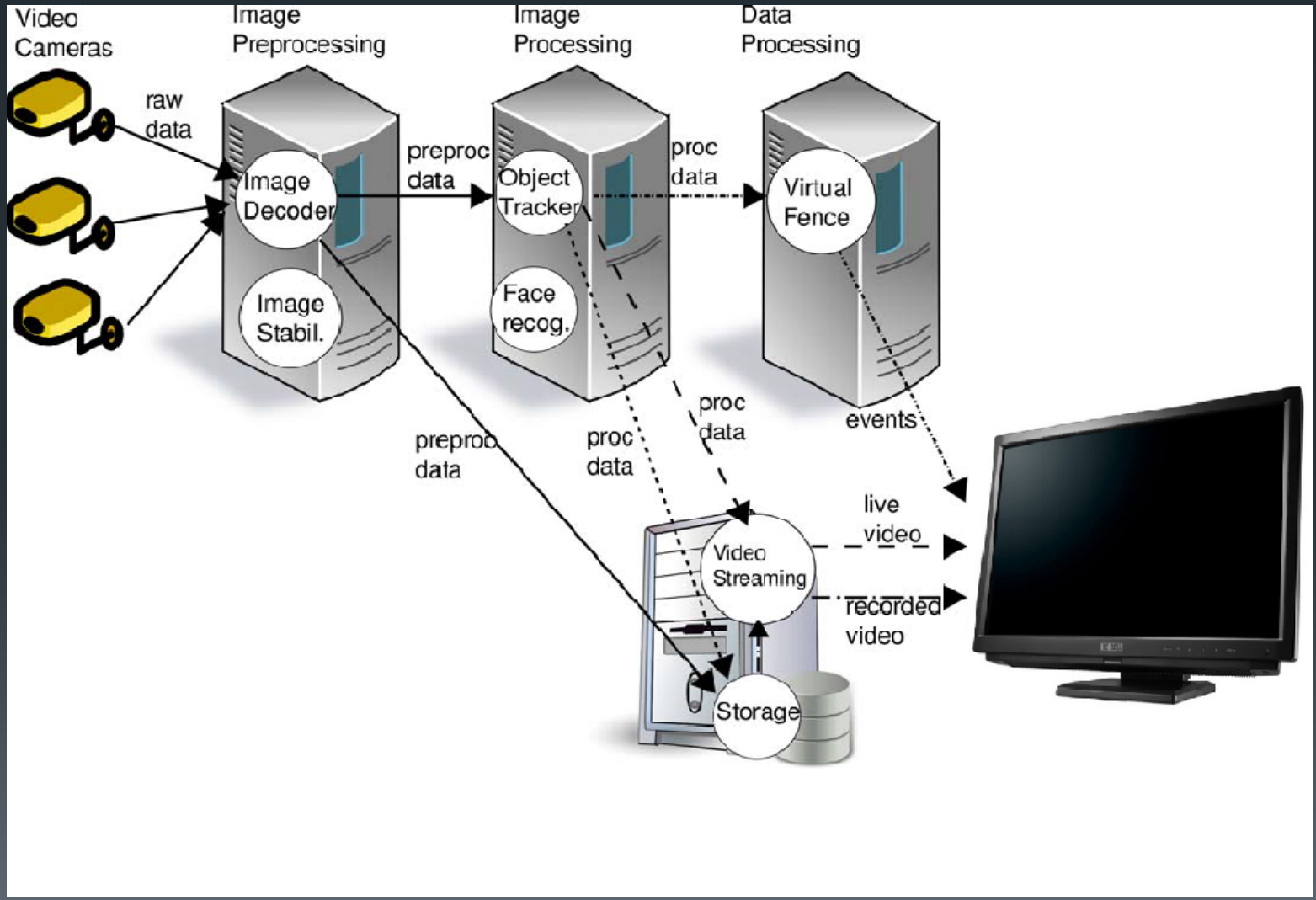
Distributed Intelligent Video Surveillance System Based on Android Phone

Zhang Yuxin

Traditional Video Surveillance System



Disadvantages of Traditional

- Large and Easy-Exposed
- Hard to Install and Remove
- Low Mobility
- Over-Reliance on Monitor Environments

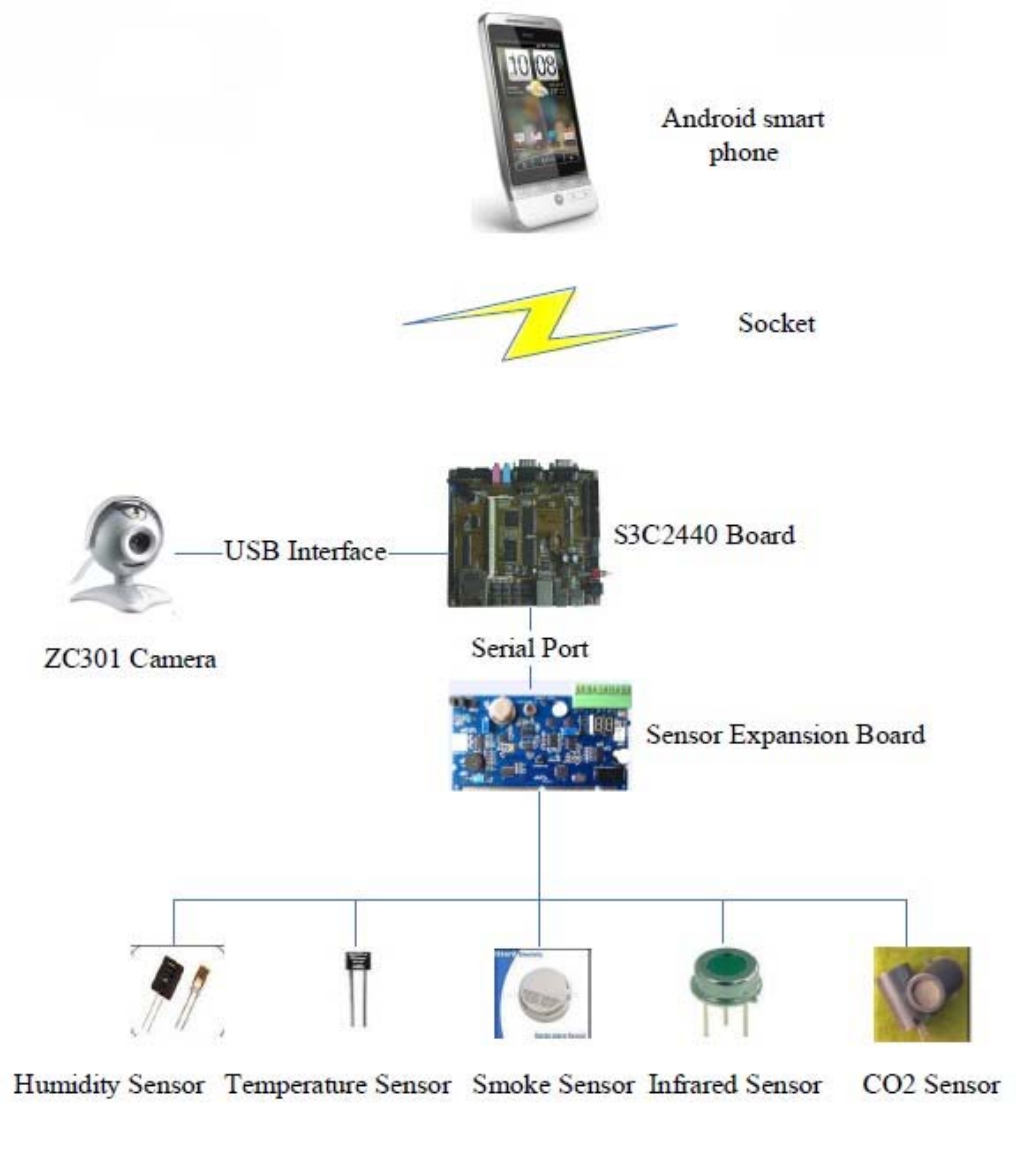
Requirements For A State-Of-The-Art Distributed Intelligent Video Surveillance System

- High Mobility
- Intelligent Head-Equipment
- High Performance
  - Real-Time Surveillance Video Transmission
  - Video Processing (e.g., invasion detection)

Why Android?

- Low Cost
- Powerful Performance
- Highly Integrated Modules
- Small Size
- Easy to Install and Remove

Related Work



Android Phone Surveillance System

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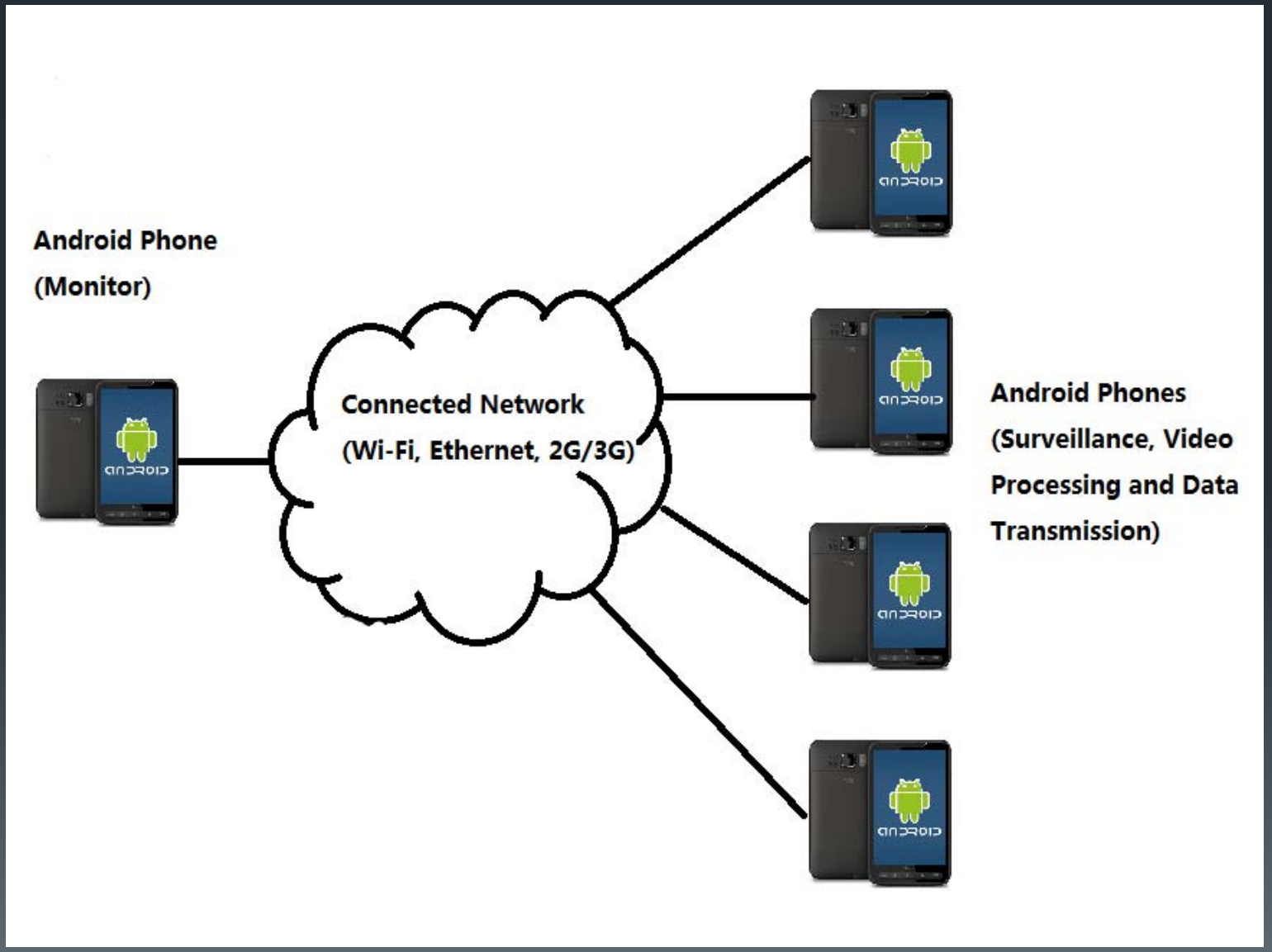
I.V.S.S.

Architecture Of I.V.S.S.



Advantages of I.V.S.S.

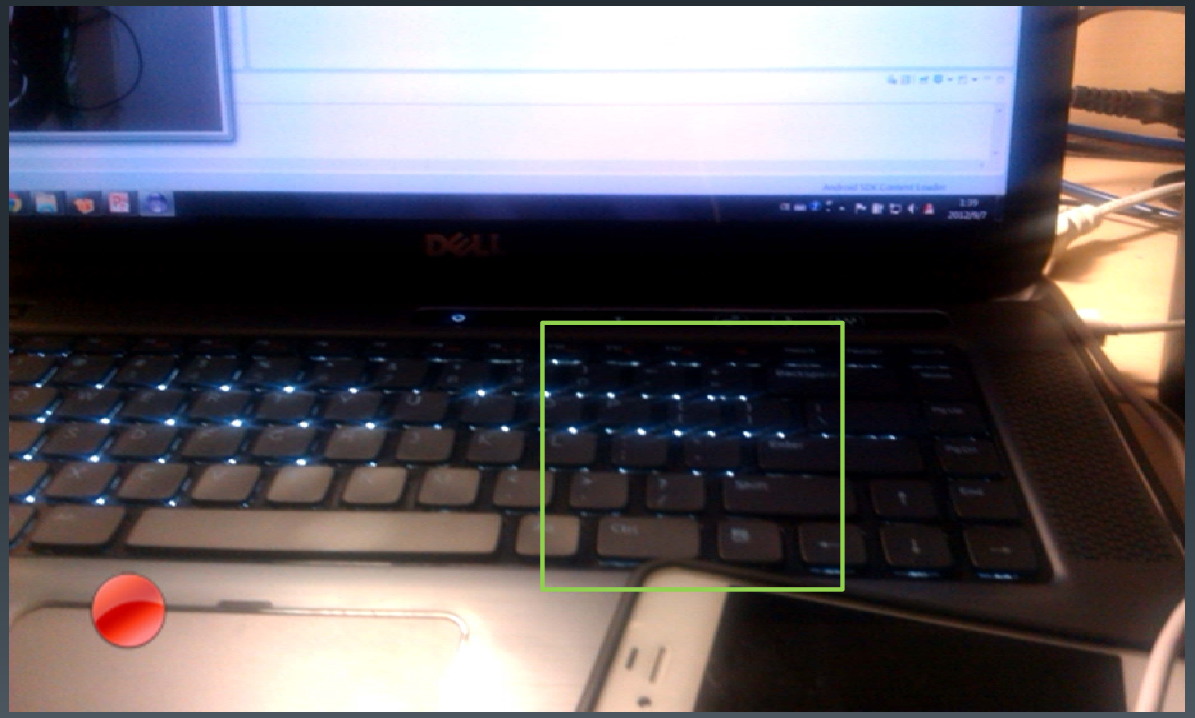
- High Mobility
- Easy to Install
- Multi - Monitor Environments

Ultimate Goal

- To Deal With The Contingencies

UI

UI



Team Members

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Thank You