iSurveillance
Fall Semester Presentation 2011-2012

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Agenda

1. Introduction
2. System Modules
3. Demo - Simulated Example
4. Difficulties
5. Future Work
6. Conclusion
7. Q & A Section
I. Introduction

- Motivation
- Objective
Motivation

• The Importance of Safeguarding

iSurveillance
Motivation

• Current System
Motivation

- Deficiency of Current Systems
Motivation

- ViewLab
Objective

- Develop an Auxiliary tool for Security Guards
- To assist their daily jobs
- Make their jobs become easier
2. System Modules

• System Block Diagram
• TimeLine Module
• Video PlayBack/Streaming Module
• Multiple Cameras Module
• Image Query Module
• ROI Module
Server Side
{ "Campus" : { "Buildings" : { "Floor" : { "Cam" : { "Background" : { "F_ID" : { "MAX_PED" : { "P_ID" : { "P_IMG" : { "HEIGHT" : { "Width" : { "X" : "Y" } } } } } } } } } } } } }
Client Side
TimeLine Module
Video Playback/Streaming Module
Multiple Cameras Module (Prototype)
Image Query Module (Prototype)
3. Demo

• Simulated Example
4. Difficulties

- TimeLine Module Optimization
- ROI Co-Ordination Calculation
Timeline Module Optimization
ROI Co-Ordination Calculation

Interested Area

Image

Image

Image
Our Solution

Image

Interested Area
5. Future Work

- Image Query Module
- Multiple Cameras Module
- Live Streaming Module
6. Conclusion

• Why need us?
• Advantage
7. Q & A Section
The End
Thank You