



Effective Deployment of Integrated Wireless Network Video Systems for the Transportation and Networked Campuses

Premier Webinar Program

Inscape Data Corporation
August 3, 2005

Today's Agenda

First 20 Minutes

- Overview
- Challenges of Transportation and Networked Campuses
- Advantage of Integrated Wireless Network Video System
- Application Example

Last 30 Minutes

- Q&A

Overview

- Target Location
 - Airports, Seaports, Railway Stations, Cargo Theft, and Perimeter Security
 - Business Parks, Educational facilities, and Corporate campuses

Transportation

- Challenges
 - For cargo carriers, theft of goods cost estimated \$30 billion worldwide each year
 - Perimeter security for Airport and Seaports
 - Mobility and data connectivity for Public Mass Transit
 - Budget, timeline, and data connectivity are the challenges for remote traffic monitoring and public safety

Networked Campuses

- Challenges
 - Remote monitoring, centralized administration, and integration with access control devices are tough challenges for Educational and Hospital Campuses
 - Hard to wire industrial and corporate campuses
 - Parking lot surveillance to deter and prevent vandalism and crime

Advantages of Integrated Wireless Network Video Systems

- Provides cost effective surveillance solution once not possible
- View video from anywhere on the network
- Stream video and alarms to wireless PDAs and notebooks
- Centrally store video and manage cameras
- No cabling required
- Plug and Play
- Point to Point or Point to Multipoint Deployment with 802.11 a/b/g Access Points
- LOS advantage, Long Range and high quality video and frame rate
- Fast deployment times and added cost savings
- Optional Solar Power Solutions to solve extreme remote deployments



Integrated Wireless Video Solutions

- Inscape Data AirGoggle NVC110W
 - 200mW Tx Power for long range video transmissions
 - Optional PTZ support
 - External High Gain Antenna port
 - All in-one wireless IP surveillance camera
 - Relay outputs
 - External sensor inputs
 - Video Motion Detection
 - Full motion 30 FPS (Software Selectable) MPEG-4 solution
 - Lowest streaming bandwidth requirements (32kbps – 800kbps typical)



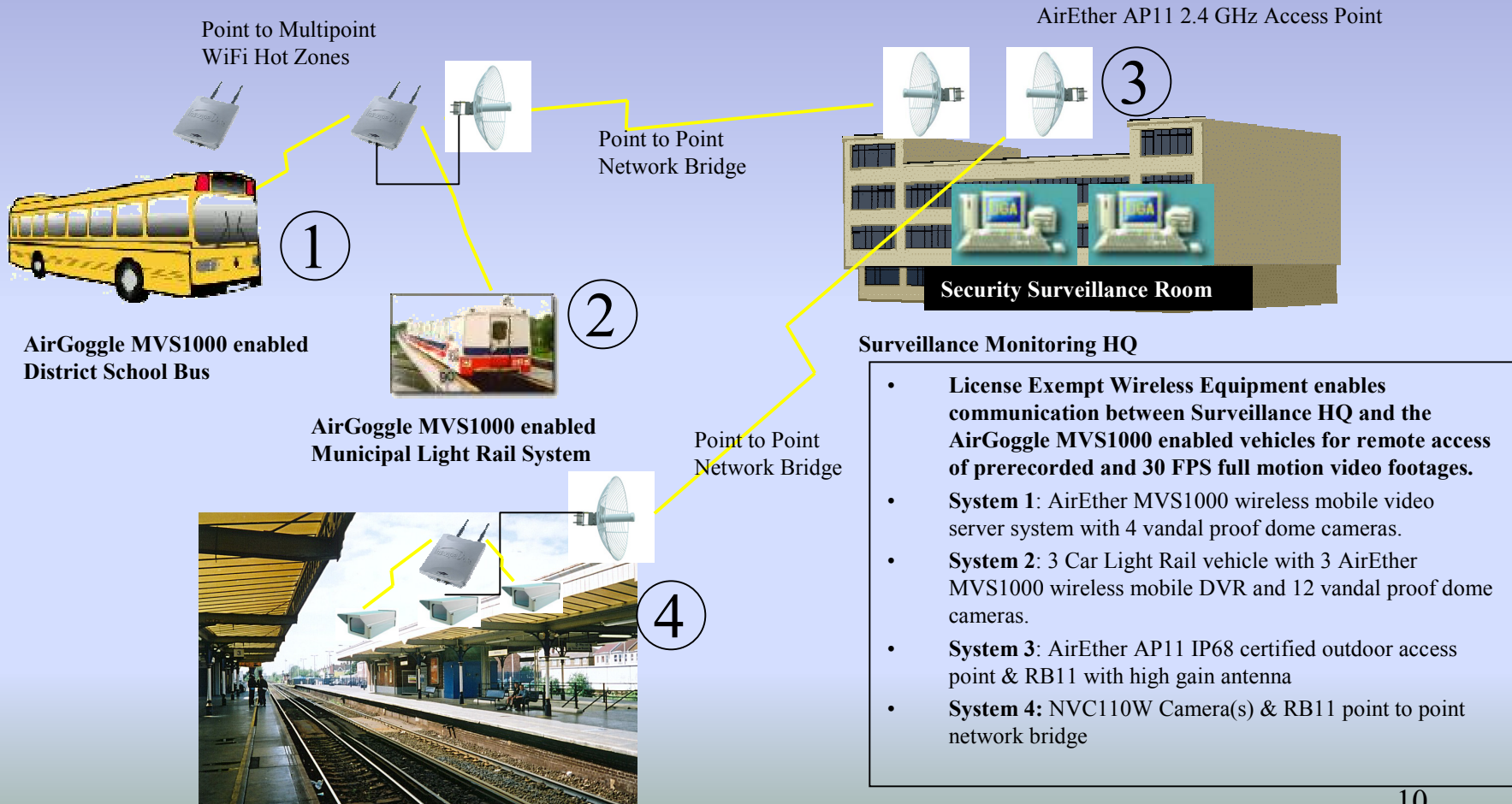
Integrated Wireless Video Solutions

- Inscape Data AirGoggle MVS-1000
 - Hardened IP Mobile DVR with integrated wireless
 - 200mW TX Power for long range video transmissions
 - External High Gain Antenna port longer range
 - Relay outputs
 - External sensor inputs
 - Motion Detection to trigger alarm and notifications
 - Full motion 1FPS to 30 FPS MPEG-4 solution
 - Optional Automatic DVR backup software

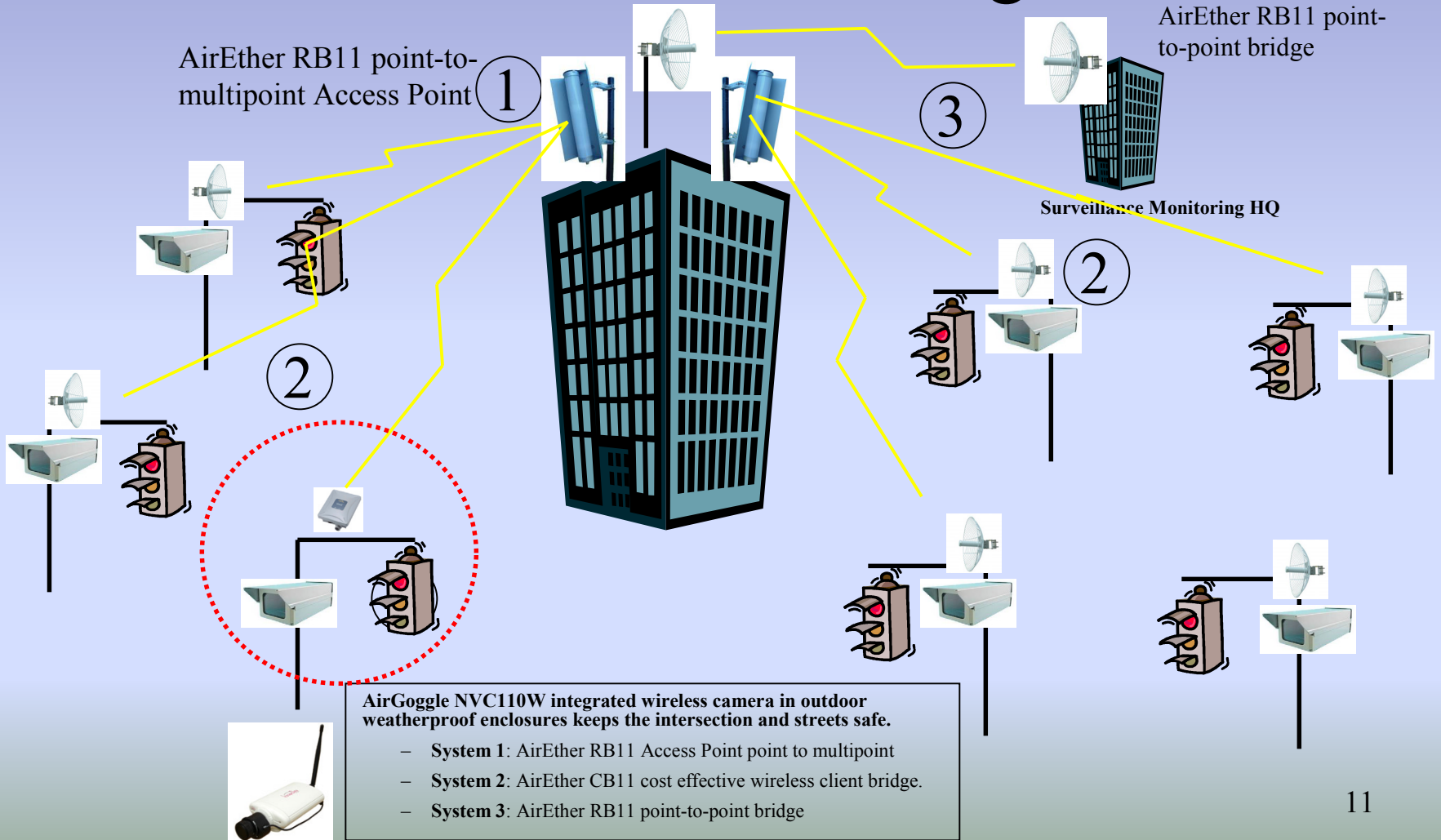
Application Examples

- Public Safety on Mass Transit System
- Traffic Monitoring
- Port Security Surveillance
- Corporate Networked Campuses

Public Safety on Mass Transit Systems



Traffic Monitoring



Port Security Surveillance



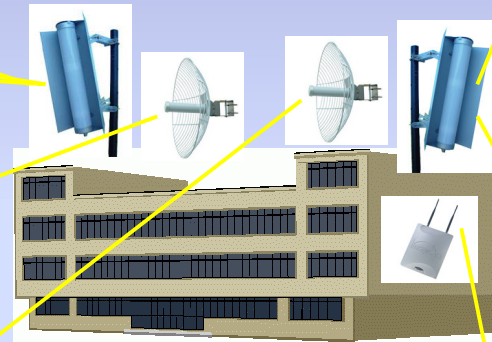
Sea Port Cargo & Cranes



Perimeter Buoys



AirGoggle NVC110W



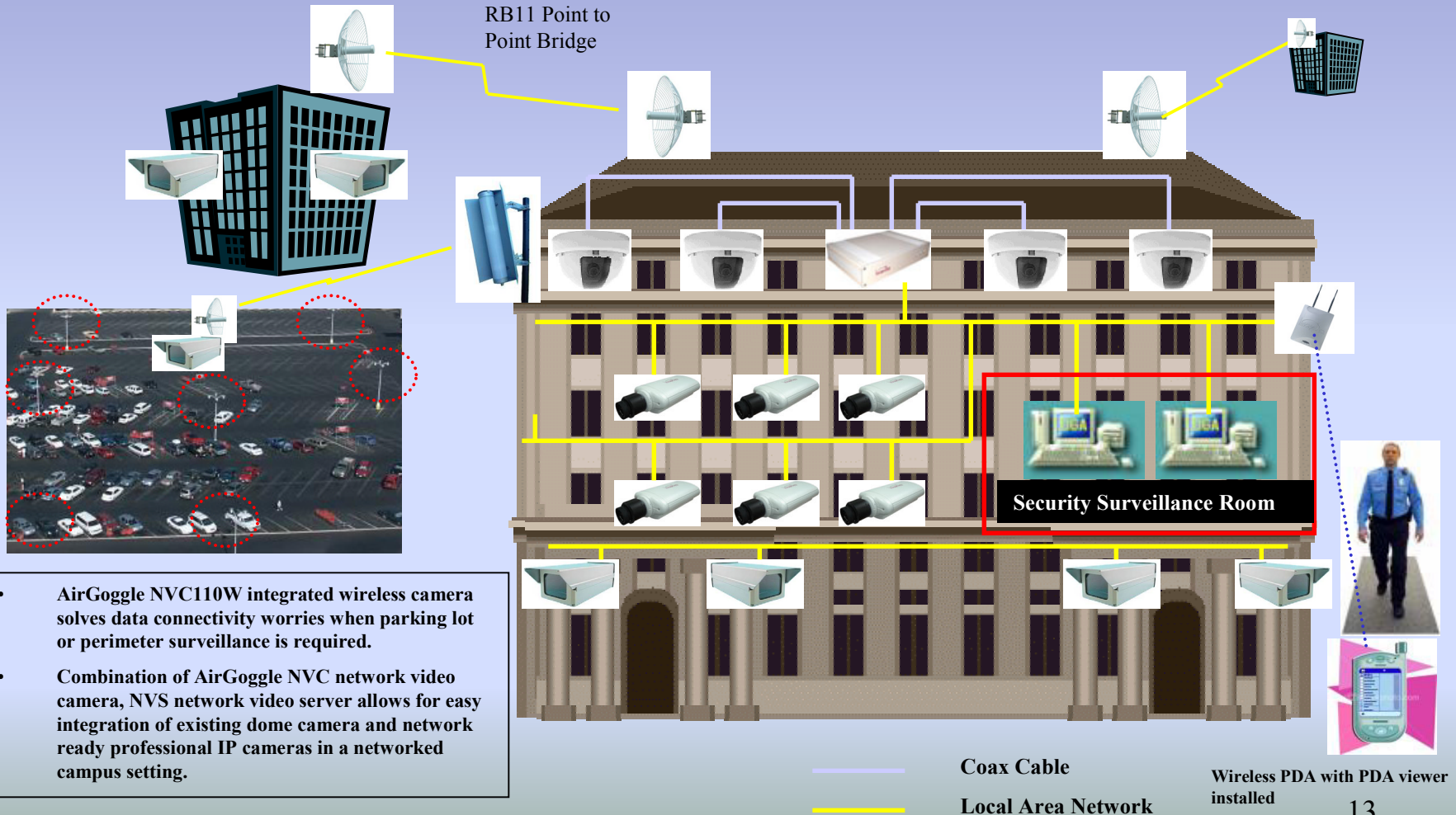
Port Authority Monitoring HQ



Perimeter Fences



Surveillance of Networked Campuses



- AirGoggle NVC110W integrated wireless camera solves data connectivity worries when parking lot or perimeter surveillance is required.
- Combination of AirGoggle NVC network video camera, NVS network video server allows for easy integration of existing dome camera and network ready professional IP cameras in a networked campus setting.

Summary

Critical Wireless Video System Application Consideration

- Avoid spectrum interference with directional antennas
- Plan the number of cameras per access point based on the throughput considerations
- High power outdoor access points to take advantage of LOS
- Power accessibility

Key Features of Inscape Data's Solutions

- Integrated high power 200mW license exempt radios for long range video transmissions
- MPEG-4 high quality video encoding
- Full motion video up to 30 FPS
- External sensor input & Alarm relay output
- Easily interface with access control equipment
- Versatile and cost effective for all deployment scenario
- Dependable and reliable hardware platform
- Scalable, easy to integrate, and cost effective solution to meet every project budget

Question & Answer

Company Info/ Website / Email

- Future webinars:
 - AUGUST, “Integrated Wireless Network Video Systems for the Transportation and Networked Campuses Sectors”
 - SEPTEMBER, TBD
- For more product details, please visit www.inscapedata.com
- For any additional product information and pricing, please contact your distributor
- Or send your questions to service@inscapedata.com