



Effective Deployment of Wireless Backhaul and base Station Systems

Premier Webinar Program

Inscape Data Corporation
July 20, 2005

Today's Agenda

First 20 Minutes

- Advantages of outdoor wireless
- Challenges of outdoor wireless
- Popular outdoor wireless application scenarios
- Solutions to wireless data connectivity

Last 30 Minutes

- Q&A

Advantages of Outdoor Wireless

- Provides data connectivity solution once not possible
- Fast deployment times and added cost savings
- LOS advantage, Long Range and high data rate
- Wireless user mobility and portability for broad applications, e.g., VoIP and Video over IP
- High over the air data rates
- Low cost wireless broadband and proven ROI (Return on Investment), v.s. leased T1 line

Challenges of Outdoor Wireless

- Outdoor environmental consideration
- High Cost of reliable equipments
- Spectrum interference
- Non-line of site

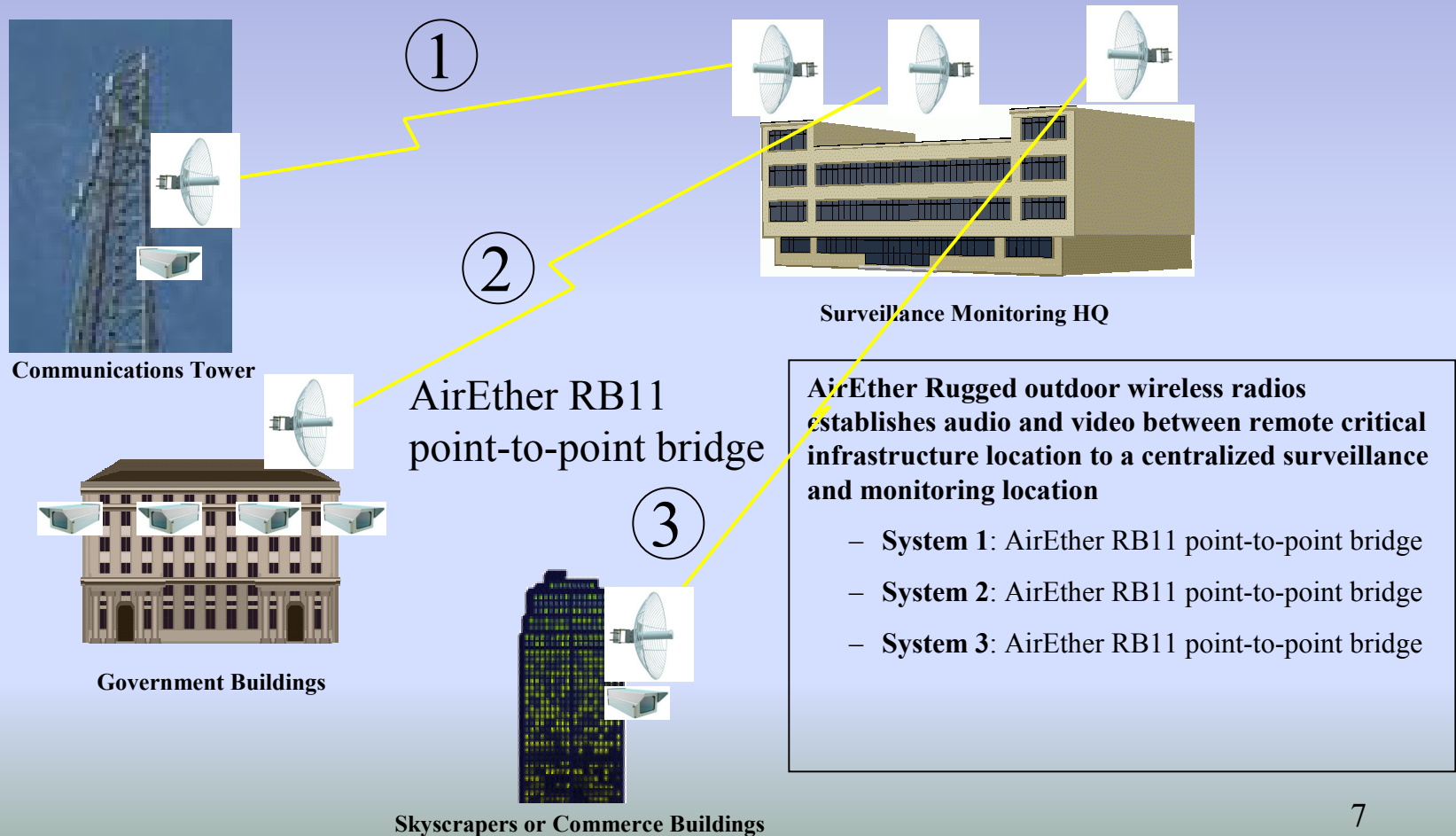
Popular Application Scenarios

- Wireless Video Surveillance (Video over IP)
 - Traffic monitoring
 - Homeland Security
 - Remote infrastructure surveillance
- Wireless Internet Service
- Wireless Wide Area Network
- Wireless telemetry control
- Wireless VoIP
- Data connectivity

Carrier Class Outdoor Solutions

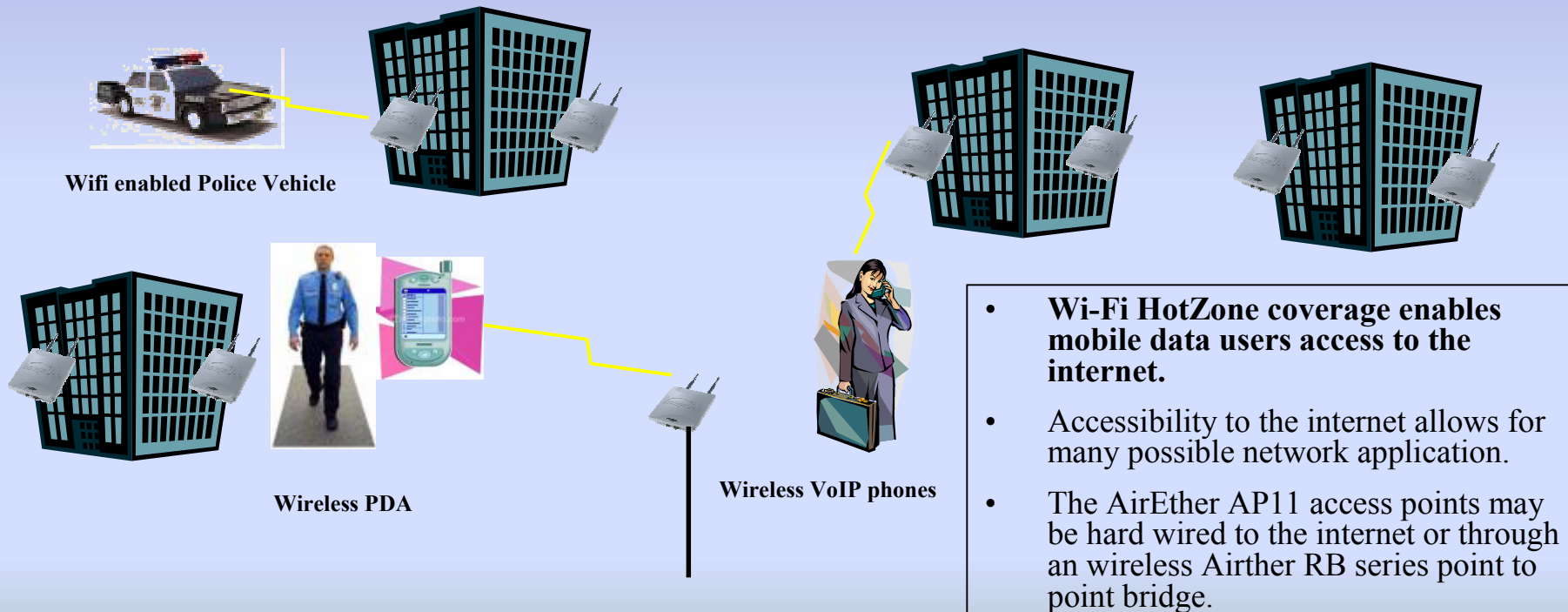
- Professional carrier class equipments
 - Inscape Data Ruggedized Lab Certified AirEther outdoor wireless system
 - RB11 Access Point/Router/Bridge
 - AP11 Access Point
 - CB11/11E/11S/11ES wireless client bridge
 - RB Series 1000/3000 Base Station Systems
- Outdoor harsh weather considerations
 - Lab certified equipment
 - Ingress Protection Rating 67 and 68 protecting your investment
- Interference Problems
 - Directional antenna system and frequency planning
- Non-line of site scenarios
 - Repeat or relay around obstacles
 - Point to point bridges/routers
 - Point to multipoint bridges/routers

Remote Wireless Video Surveillance

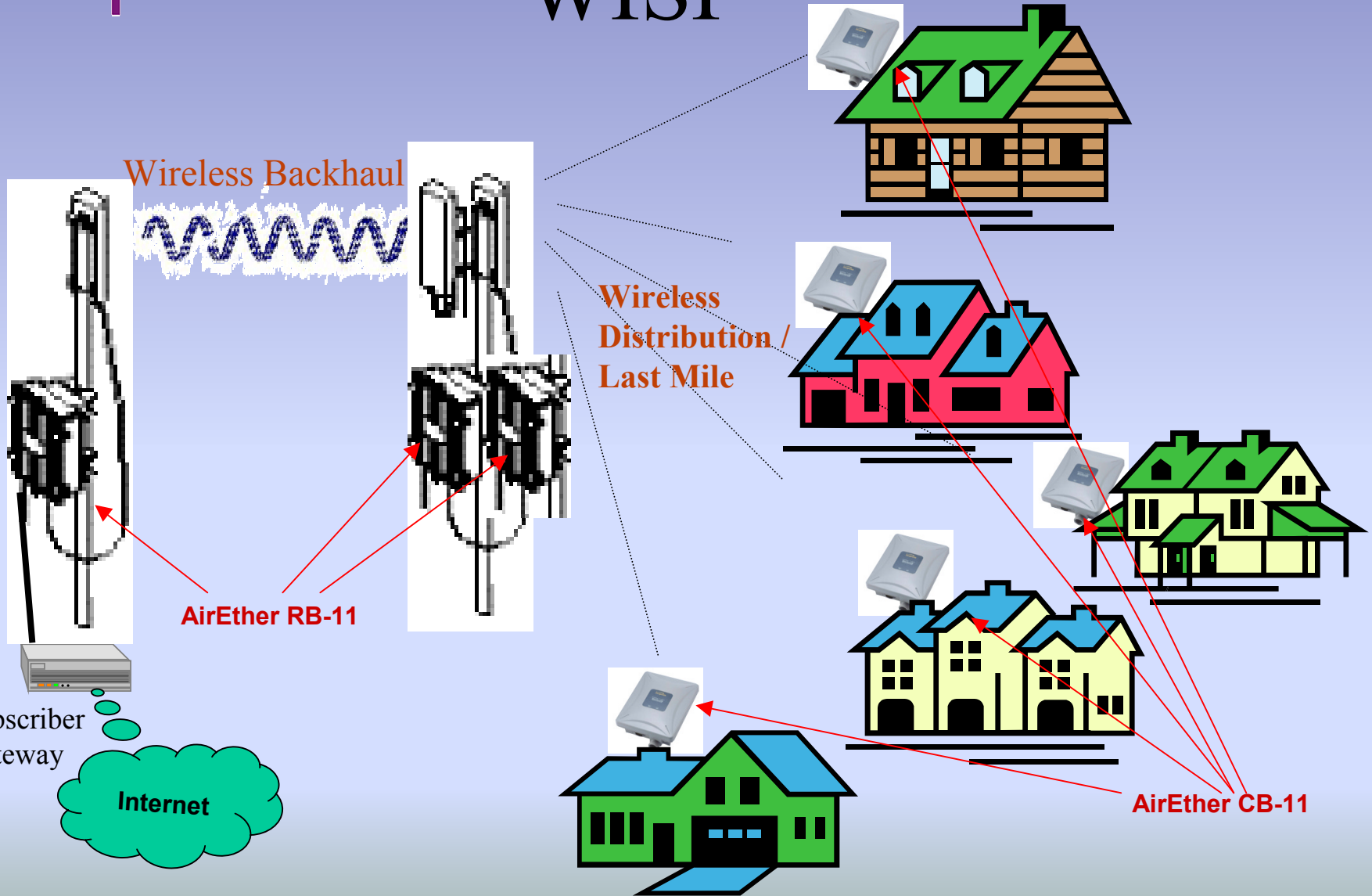


Wireless deployment for Data Mobility

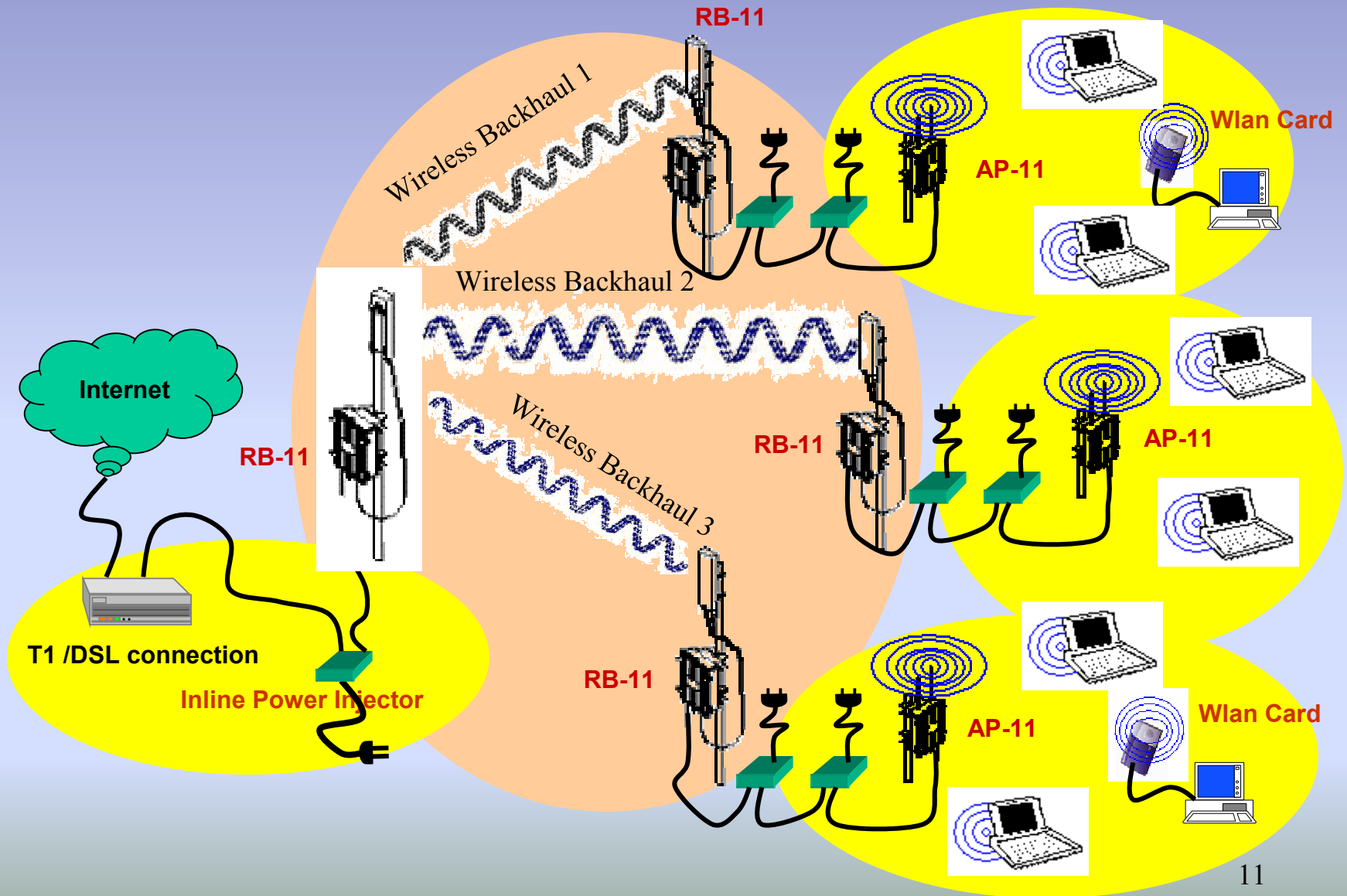
WiFi Hot Zones using AirEther AP11 2.4 GHz outdoor Access Point

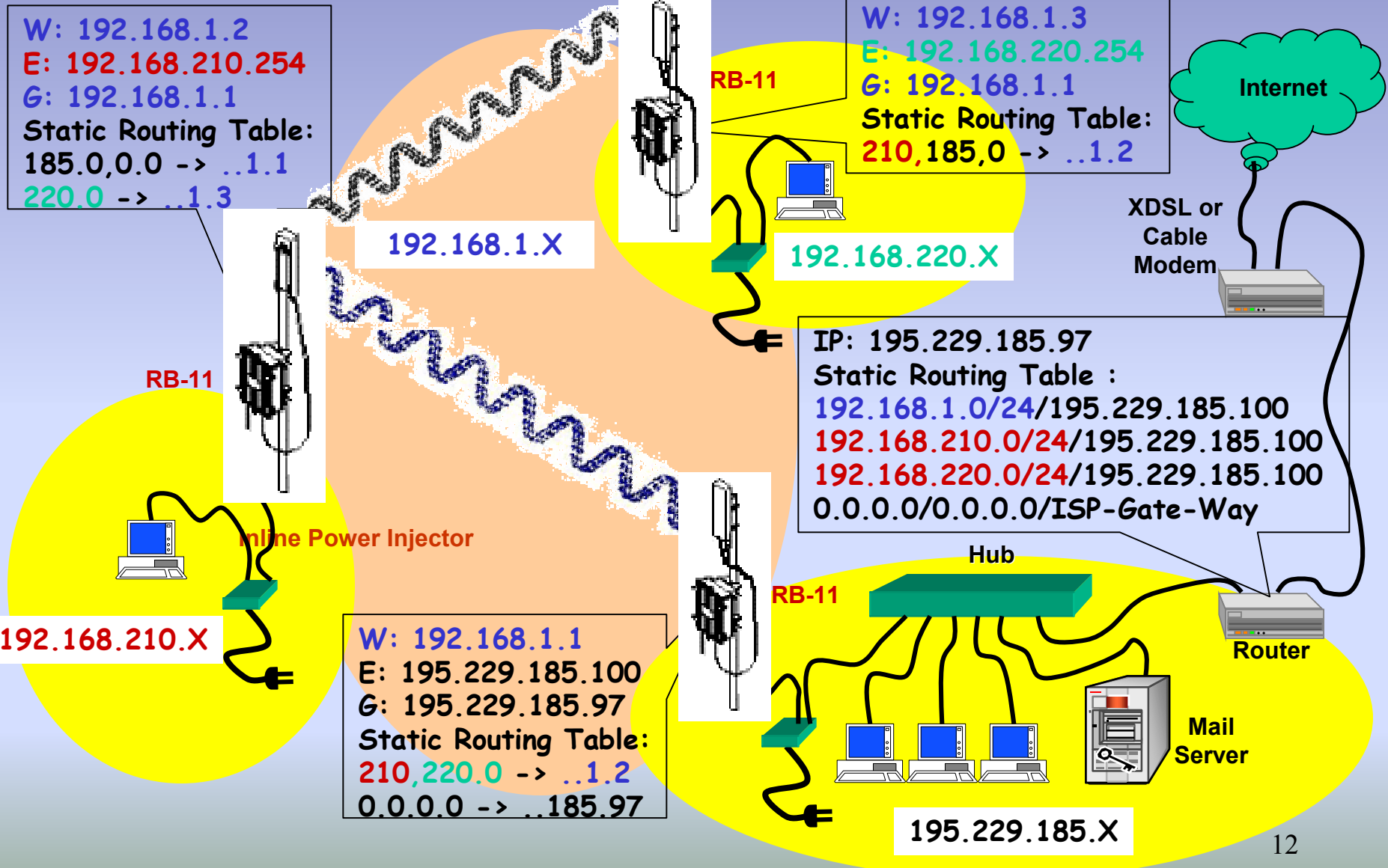


WISP



Wireless Campus





AirEther™ Wireless System

features & Advantages

- Ruggedized IP67/68 weatherproof Point to Point backhaul with static and NAT routing capability
- Enterprise Point to multipoint bridge/router
- Reliable cost effective point to multipoint bridge
 - Transparent bridge
 - Up to 8 remote bridges or clients
- High Power 2.4 & 5.x GHz 802.11b, 802.11b/g and 802.11a/b/g Access Points and Bridges
- Hardware (KIT) inclusive in-the-box package ready for immediate installation
 - Built-in lightning surge arrestors, PoE, RF Coax Cables (RB11), Antennas(AP11), 100 feet outdoor shielded CAT5

Summary

Critical Outdoor Application Consideration

- Weatherproof outdoor equipment reliability and dependability
- Features and operation
- Power accessibility
- Ease of installation

Key Features of Inscape Data's Solutions

- Lab certified “IP” 67/68 rated ruggedized weatherproof outdoor wireless equipments protecting your investments
- Built in Bridge and Routing functions
- Long range capability with integrated 200mW and 400mW high power radio
- 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:
 - JULY, “Wireless Backhaul and Hotspot Base Station Systems”
 - AUGUST, “Integrated Wireless Network Video Systems for the Transportation and Networked Campuses Sectors”
- 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