

A man in a white shirt and red tie is holding a large red hose that loops around a globe. The background is a textured, yellowish-gold surface.

iTrack

A Mobile Internet Platform

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Introduction

- What is iTrack?

Proof of Concept Demonstrator for Field
Deployable Wireless Networking

- Why iTrack?

Mobile Internet Services to Support Defence and
Emergency Services

- iTrack design principles

Standards, COTS, COTS, COTS!

Cisco iTrack Functional Model

- Tactical and Strategic Voice and Video Communications
- Positional Awareness for Mobile User
- Messaging
- Multicast Video Distribution to Mobile User
- Standards Based Platform for Delivering Thin Client Applications to Mobile User

Cisco iTrack Components

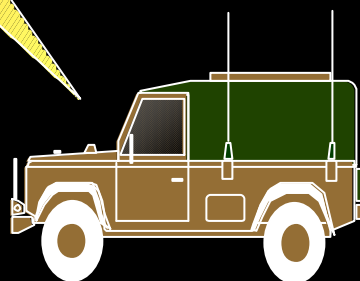
- iBase
 - Fixed infrastructure
- iTruck
 - Portable infrastructure delivery platform
- iPerson
 - Standards based wearable PC

iTrack concept demonstration



iBase

Trunk Link using
•CLARITY H/ware
•IP protocol
Giving
•22 MBPS



iTruck

Link using
•AIRNET H/ware
•IP protocol
Giving
•5.5 MBPS

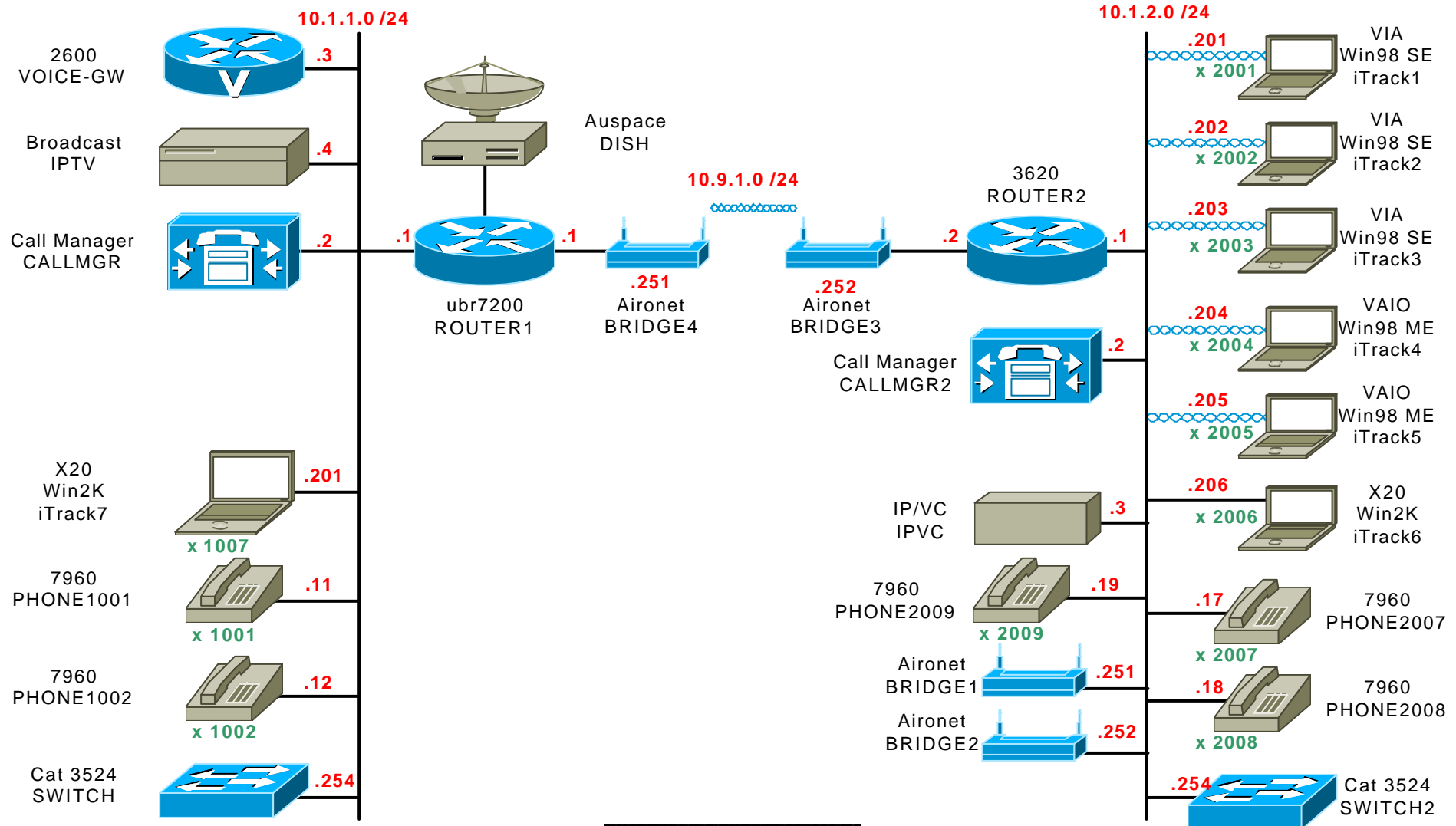


iPerson
equipped with
•Computer
•Pers Comms
•GPS
•Video Cam
•Head Mounted
Display

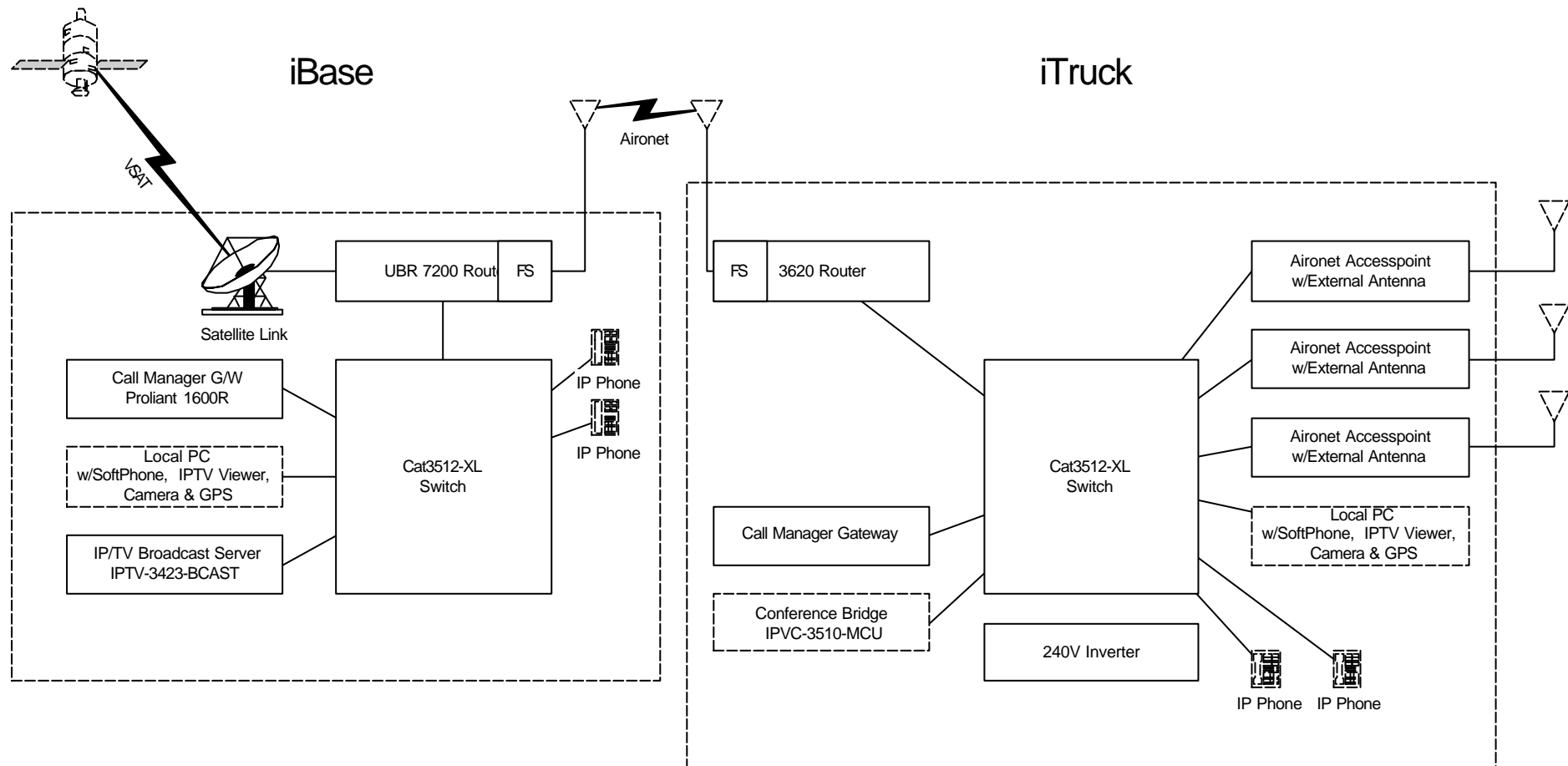


IP Protocol allows seamless messaging from any user
to any user, incl conf and network calls

iTRACK Network



iBase and iTruck



iBase



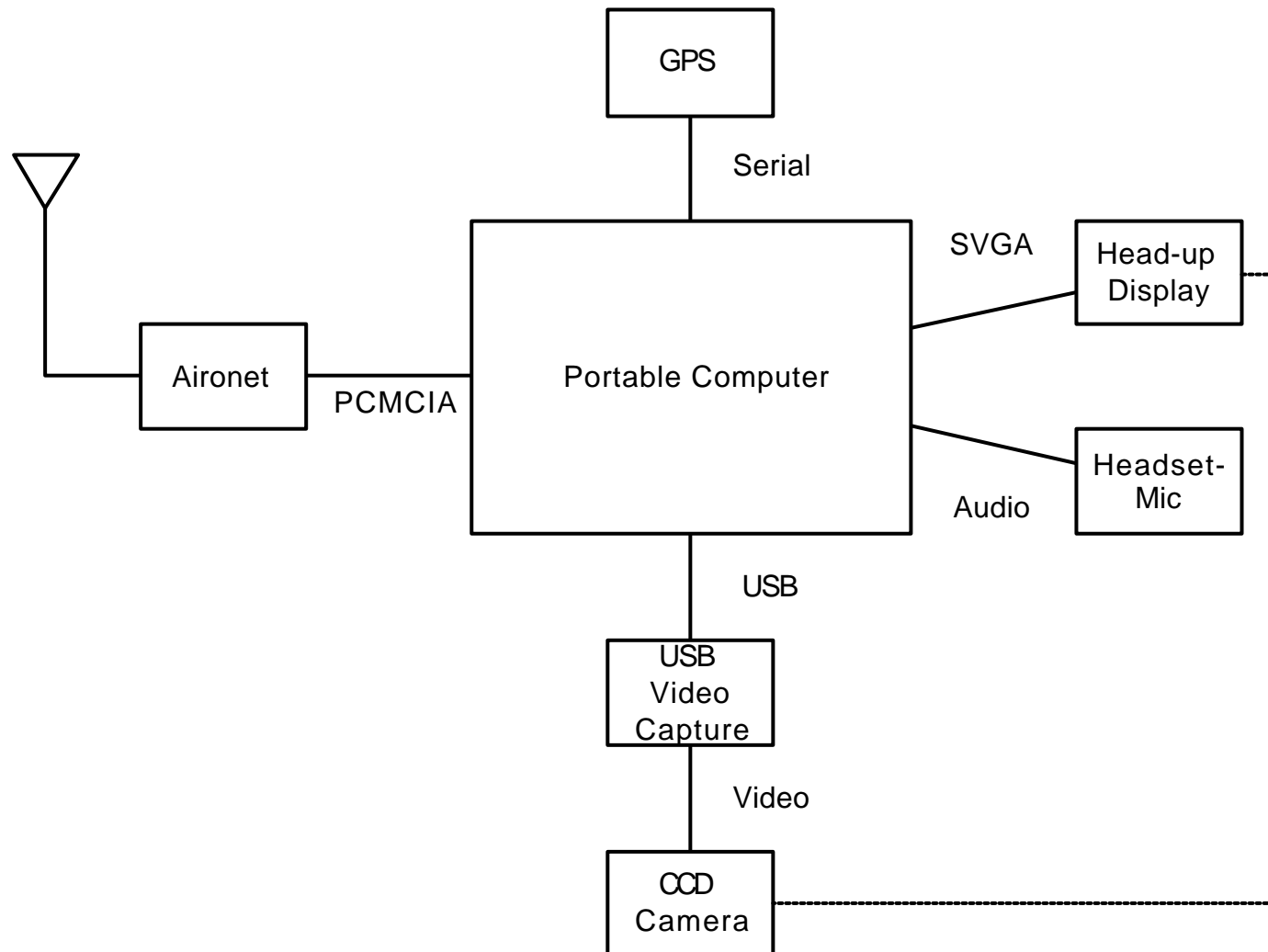
iTruck



iTruck Rack



iPerson



iPeople



Cisco iTrack Technologies

- Aironet
 - iTruck to iPerson link - Voice
- Call Manager
 - IP Telephony for iBase, iTruck, iUser and infrastructure
- IP/TV
 - Broadcast Video Distribution

First iPerson Prototype



Areas of Opportunity

- Defence
- Emergency Services
- Warehousing
- Maintenance Facilities
- Mining
- Security Services

Summary



- Mobile Applications
- Situation awareness
- Integration of Voice, Video and Data over Internet Technologies

iTRACK Partners



Satellite terminal

BAE SYSTEMS

Integration



Development tools



**Mapping & tracking
software**

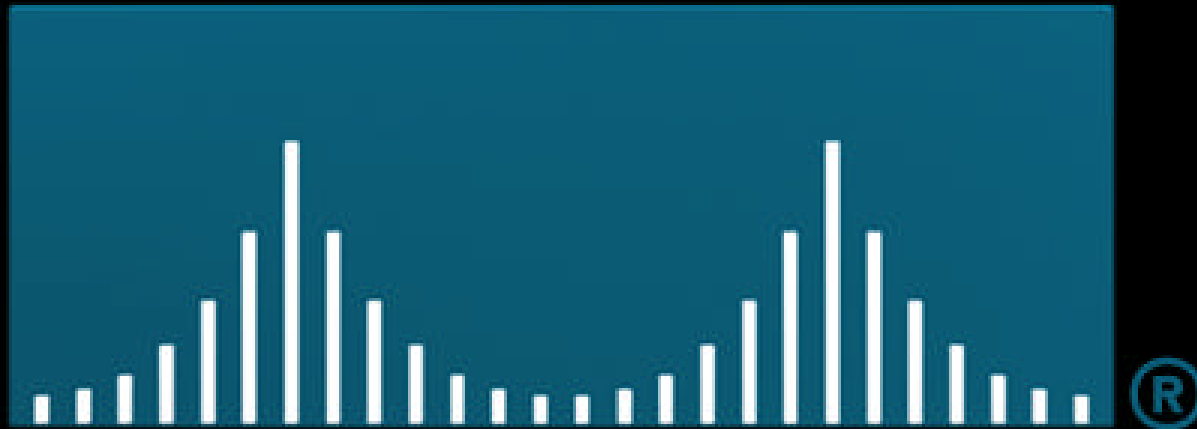


Vehicle

SONY

**Vaio laptops &
monitors**

CISCO SYSTEMS



EMPOWERING THE INTERNET GENERATIONSM