BLAST THEORY: APPLICATION TO PRIX ARS ELECTRONICA 2003

Can You See Me Now? in Rotterdam, 2003

HARWARE

4 runners each equipped with: -

Digital camera

Proprietary jacket mounted GPS Receiver

CHP Jornada with PCMCIA Jacket and wireless network card

Armband antenna

Walkie-Talkie and headset

Rainproof case

NiCd backup battery packs

6 Wireless Base Stations: -

5 x 10DB Omni-directional Wireless antenna

2 x 12DB Wide-Angle antennas

2 x Point to point antennas

8m radio mast

3 x Orinoco Outdoor Routers

3 x CISCO Outdoor Routers

10base Hub + 500Kb WAN connection

Cisco Flrewall

Routing PC

Satellite and Wireless Monitoring PC

iPaq development/imaging laptop

Game Server PC

Web Server PC

Audio Encoding Laptop

SOFTWARE

Runners: -

Custom Java EQUIP clients for

sending GPS data and running zoomable map/message display

Base Station: -

Director, Proprietary Multiuser Server Clone

EQUIP Dataspace Server

Java EQUIP management interfaces

Network Monitoring Software

LAME MP3 Encoder

Apache Web Server

MySQL Database Server

Proprietary MP3 Streaming Servlet

Development: -

Photoshop, Director, Dreamweaver, Flash, EQUIP

Web clients: -

v4 browsers with Shockwave and hardware 3D Rendering