

Announcements



10-Apr-01

CSCI {4,6}900: Ubiquitous Computing

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Outline

- Infrared Data Association – Point and Shoot Profile



irda

- Founded in 1993
- Short range, point-to-point, low cost infra-red based
- Speeds from 9600b to 16Mb
- Great non-cable device
 - Ubiquitous deployment
 - 4 Mb irda can talk to 9600 irda
- Protocols for point and shoot, exchange mp3, images, vcards, wrist watch



Point and shoot model

- Point to the device. If both device understand object begin shared then transparent access
- Push server – the device that provides an object exchange server. Waits passively for the client to initiate an operation
- Push client – the client that pushes the object to the push server. Push client initiates operation
- Security not an issue because of range



Discussion

- Available in PDA's, laptops, printers, projectors, digital cameras, wrist watches, pagers,
- Again, “wanted – killer app!!”

