Project Overview

• Context management in future wireless device networks
• Location-awareness: Cricket system
• Service discovery: Intentional Naming System
• Mobility-awareness: Migrate architecture
• Middleware and protocols for self-configuring mobile networks and context-aware applications
Progress Through December 2000

- Cricket v1 implementation done
  - Position estimation to within few inches
- Migrate architecture developed for vertical mobility
  - Code release
- Congestion Manager alpha code release
Research Plan for the Next Six Months

- Planned Cricket configuration
- Scalable peer-to-peer discovery in INS
- Energy-efficiency in Cricket
- Stream redirection application architecture using INS, Cricket, and Migrate