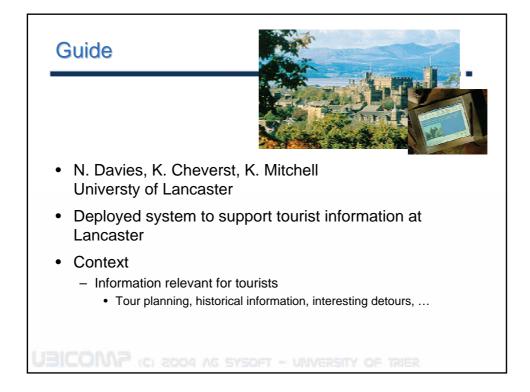


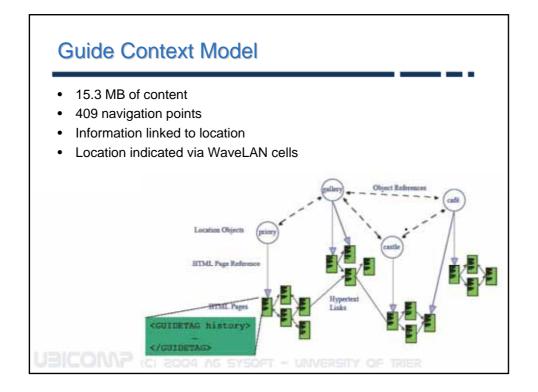


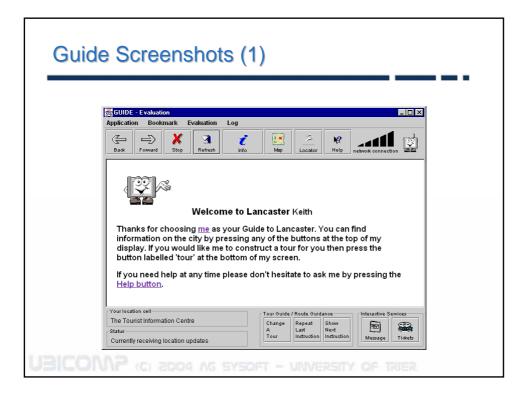
Infostations

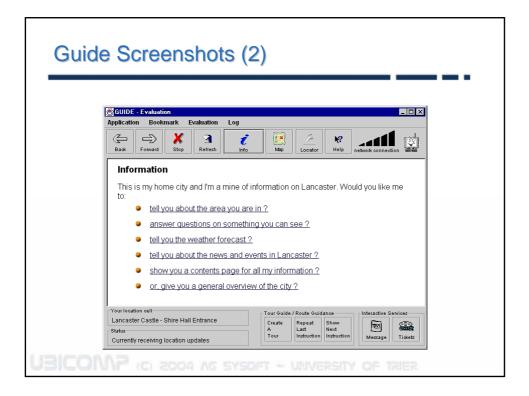
- Used in many modern museums
- infostation near an ٠ exhibit provides detailed information
 - Visitors approach infostation
 - Offer of information
 - User preferences
 - Language
 - · Level of detail
 - ...

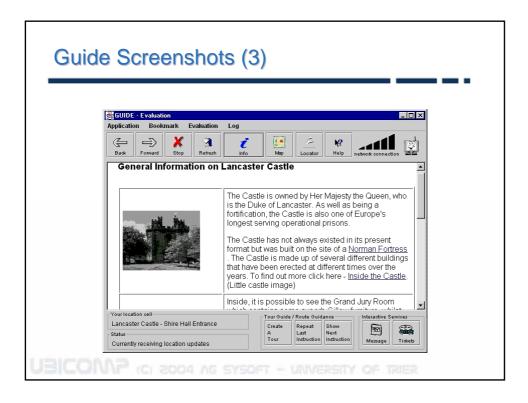


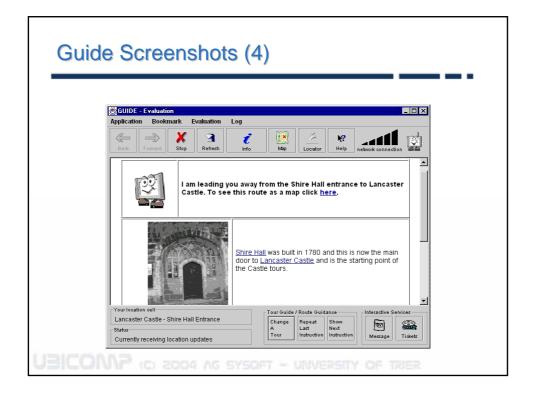


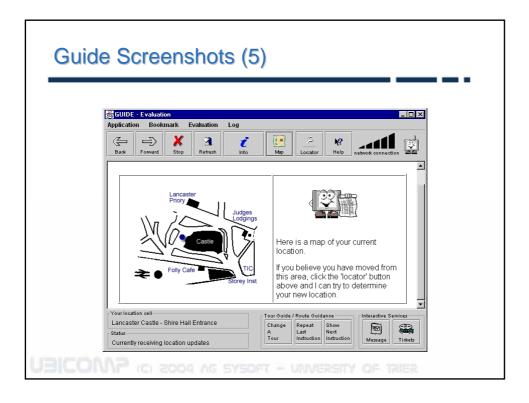


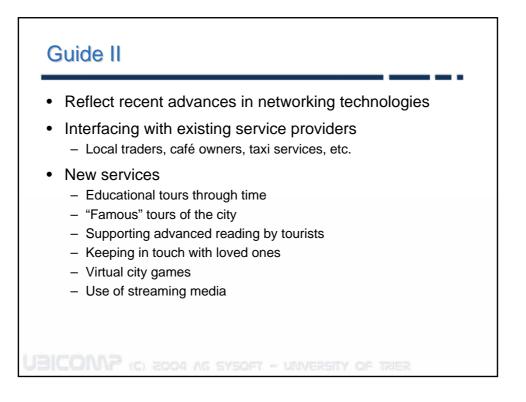


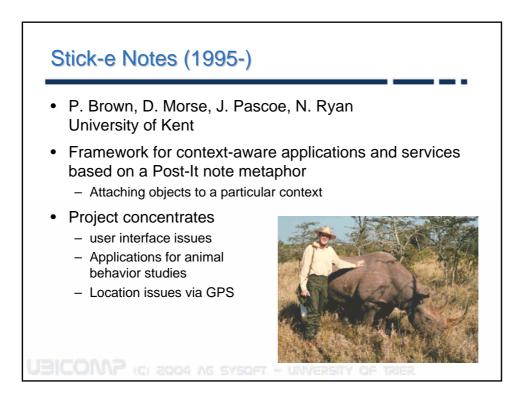


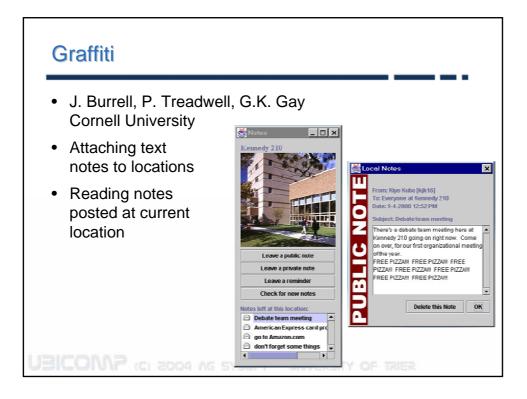


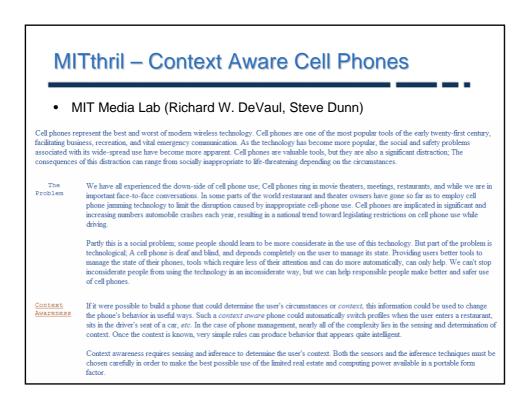












Sensors GPS receiver Outdoor location information Precision three-axis accelerometer - Precision three-axis accelerometer - Information about the user's activity state (walking, standing still, etc.) - Gestural input (planned) IR tag reader and IR active tags - Identify indoor door locations (meeting room, office, etc) - Recognition of special circumstances (sitting in the driver's seat of a car) Microphone - Recognize the user's voice and determine whether the user is in a conversation Bandwidth - Microphone band-limited to regions of interest for human speech - All remaining sensors are comparatively low-bandwidth Managing bandwidth is important, because there is a direct correspondence between bandwidth, signal processing, and power consumption.

