









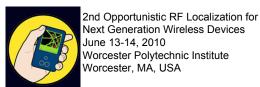


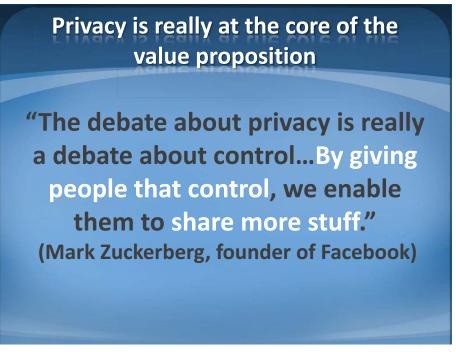




LBS market is exploding. But where are the users? Worried about P2P and "big brother" privacy issues

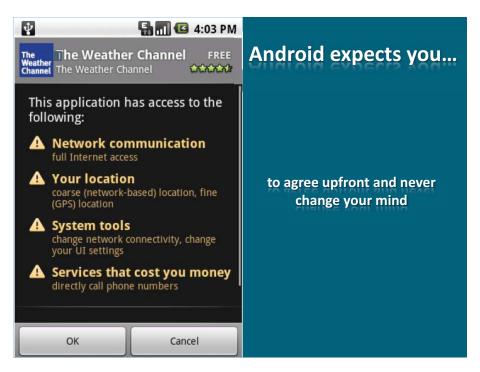








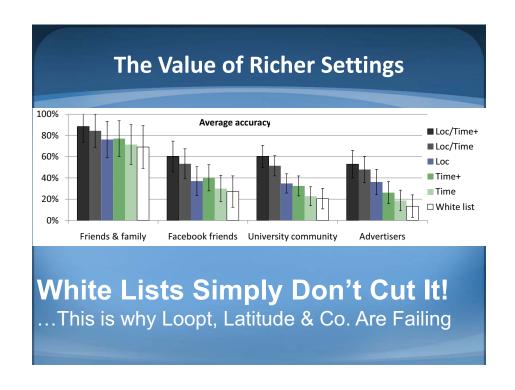


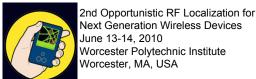


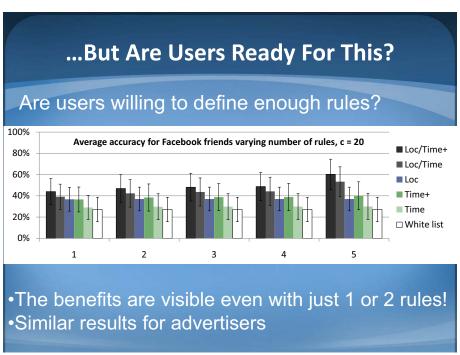


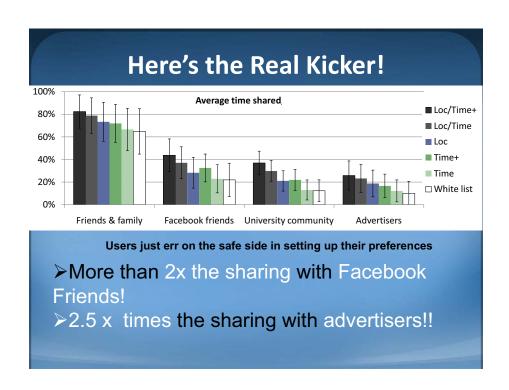


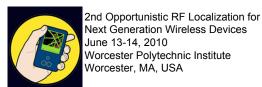


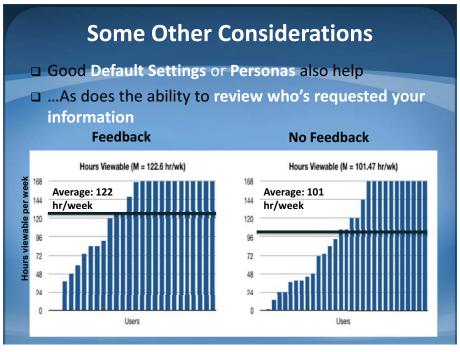


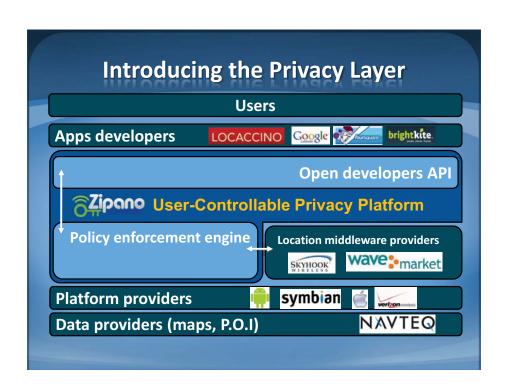


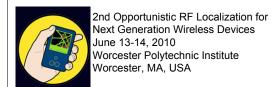








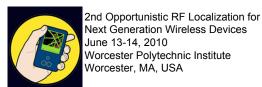




Zipano's UCPP in a Nutshell

- ☐ Highly scalable
 - □ Facebook scale
- □ Extremely low latency
 - □ Cell phone operator latency
- □ Capable of capturing & enforcing rich and extensible set of privacy attributes
- □ APIs for privacy preference editing, location request processing, user request auditing, etc.
- □ Secure
 - □ flexible authentication plugins for services like OpenID





Richer privacy settings will be key to unlocking the full potential of location sharing and location-based advertising Zipano's UCPP offers application developers, operators and other aggregators a new layer of interoperability that will be critical to growing their ecosystem





Startup Zipano sells privacy software to control who can find you, Pittsburgh Post Gazette "As Location-Sharing Services Grow, Privacy Concerns Do Too", Wall Street Journal "The Mobile Net: Why to Worry about Privacy Regs", Business Week "Now You Can Track Colleages and Students on Your Laptop", Chronicle of Higher Education



Relevant Publications

- Norman Sadeh, Jason Hong, Lorrie Cranor, Ian Fette, Patrick Kelley, Madhu Prabaker, and Jinghai Rao.
- American Journal of Personal and Ubiquitous Computing 2009.

 J. Tsai, P.G.Kelley, L.F.Cranor and N.M. Sadeh, "Computing to the Information Society", 2010.
- Ramprasad Ravichandran, Michael Benisch, Patrick Gage Kelley, and Norman M. Sadeh. Sapturing Social Networking Privacy Preferences. Can Debut Policies Help Alleviate Tradeo its between synchronic and the European PETS 199
- Janice Tsai, Patrick Kelley, Paul Hankes Drielsma, Lorrie Cranor, Jason Hong, and Norman Sadeh.
 Janice Tsai, Patrick Kelley, Paul Hankes Drielsma, Lorrie Cranor, Jason Hong, and Norman Sadeh.
- Patrick Kelley, Paul Hankes Drielsma, Norman Sadeh, Lorrie Cranor. <u>User Controllable Learning of Security and Provey Policies.</u> AlSec 2008.
- □ Miset 2000.

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- Jason Cornwell, Ian Fette, Gary Hsieh, Madhu Prabaker, Jinghai Rao, Karen Tang, Kami Vaniea, Lujo Bauer, Lorrie Cranor, Jason Hong, Bruce McLaren, Mike Reiter, and Norman Sadeh. User Lording Security and Reverse Republic
- Norman Sadeh, Fabien Gandon and Oh Buyng Kwon. Annual Media and Me