## Global Forum 2008 Collaborative Convergence

Session 9 October 22, 2008

Mobility in a Digital World

Dr. Alan R. Shark, DPA,CAE
Executive Director
Public Technology Institute
Washington, DC







#### Who is PTI?



- 36 years of service to local government
- Formed by NLC, ICMA, and NACo
- Receives no financial support from NLC, ICMA, NACo.
- Is people-driven on technology matters
- Has the best & brightest technology leader network
- Has a highly active governance structure
- Reaches the "right" people at the local government level
- Is membership supported join!











































#### Convergence: Phone Example

- 1. Phone
- 2. Answering machine
- 3. Recording machine/Tape Recorder
- 4. Address book
- Calendar
- 6. Caller ID
- 7. Video clips
- 8. MP3 Player
- Camera Still
- 10. Video camera
- 11. GPS tracking
- 12. Web browser
- 13. E-Mail
- 14. IM
- **15**. Games (3-D)
- 16. Calculator (Tip Calculator)
- 17. Clock/World Clock
- 18. Timer
- 19. Wireless Modem
- 20. Computer
- 21. Word Processor
- 22. Stopwatch
- 23. Currency converter
- 24. Note Pad
- 25. Appointment calendar (real-time)

- 26. Speaker phone
- 27. Picture Viewer
- 28. "Walkie-Talkie"
- 29. Bluetooth
- 30. Enterprise apps.
- 31. USB Connectivity
- 32. TV
- 33. Video Conferencing
- 34. Voice Recognition
- 35. News, Weather, Traffic Report Alerts
- 36. Wi-Fi
- 37. Flashlight
- **38.** GPS Directions
- 39. Book Reader
- 40. Bio-hazard detector
- 41. Smart Cards (transportation)
- 42. Video LCD Projector
- 43. Medical record & monitoring
- 44. Bar code reader
- 45. Vanity Mirror Screen (daughter's idea)



# Three Trends that will transform Local Governments

- 1. Broadband Deployment for Internal Systems Refocus
  - Public safety
  - Public works
  - Intelligent transportation



# Three Trends that will transform Local Governments

#### 2. Multi Media Rules! 4G

- Long Term Evolution (LTE)
- vs. Worldwide Interoperability for Microwave Access (WIMAX)
- Video Meetings
- > Telepresence
- Video Conferences
- Public Safety Applications

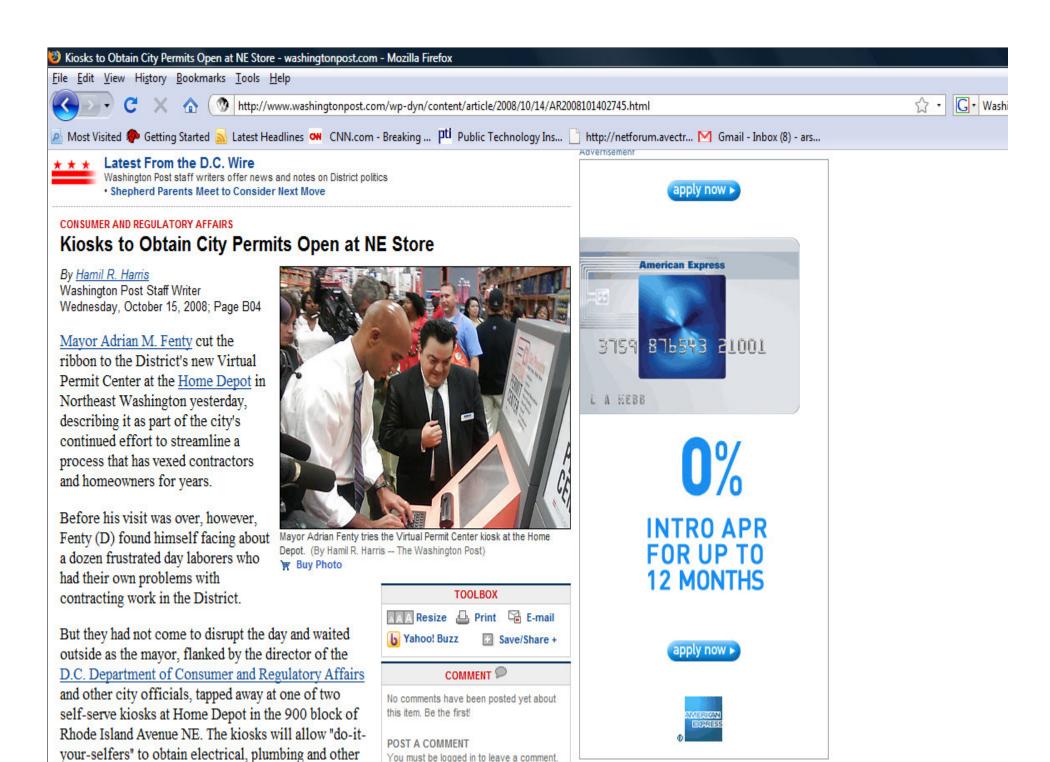


# Three Trends that will transform Local Governments

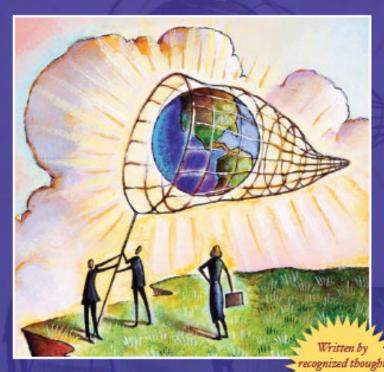
## 3. Social Networking – Beyond E-Government Takes Hold

- > 311/CRM
- Web 2.0 & 3.0
- Greater public interface
- On-line voting





# Beyond e-Government & e-Democracy: A Global Perspective



Alan R. Shark, D.P.A. & Sylviane Toporkoff, Ph.D., executive editors & contributing authors

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 ${\bf Executive \, Editors \, and \, Contributing \, Authors \,}$ 

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### Mobility.....

- Traffic
- Crime prevention/reporting
- I-Witness News
- E-Vote
- Public Opinion
- Weather & Disaster Alerts
- Travel Information/Possibilities
- Shopping
- Economic Development
- E-Health
- Local government information
- Web 2.0 & 3.0
- Social Equity
- Accessibility



#### Increased Mobility Leads to:

- Greater citizen empowerment
- Improved security
- Improved standard of living
- Politically aware
- Greater "connectivity" among friends, family, business, and strangers!
- Faster transactions/productivity



#### Conclusions

- 1. Follow the consumer
- 2. Empower citizens/public
- 3. Solicit & encourage citizen engagement
- 4. Develop champions
- 5. Create "pilot" projects
- 6. Recognize & reward innovation
- 7. Share best practices
- 8. Its more about leadership & communication
  - not technology!



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#### **Telecommunications & IT**

#### National Center for the "Digital Town Square"

A new nonprofit organization will invest up to \$25 million over the next five years to accelerate digital access in 26 U.S. communities. The Knight Center of Digital Excellence will start by investing \$625,000 toward a wireless network in Akron, OH.

#### FCC Approves Mobile Alerting Network [PDF]

The Federal Communications Commission has established a Commercial Mobile Alert System that will enable federal, state and local authorities to send warnings to mobile device users. All such messages will go through a central federal entity which has yet to be identified. FEMA doesn't want the job, a position one FCC commissioner called "disheartening."

#### Spy Satellite Program for Law Enforcement

Homeland Security Secretary Michael Chertoff said his department will activate a new office to use spy satellites for domestic law enforcement. The office will respect privacy rights, according to Mr. Chertoff, but its funding and nature are classified. A <a href="Congressional letter">Congressional letter</a> says that "turning America's spy satellites on the homeland for domestic law enforcement purposes is no trivial matter."



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## Public Technology Institute

1301 Pennsylvania Avenue NW, Suite 800 Washington DC 20004

www.pti.org shark@pti.org

