

Personal device integration, content access and simple pairing procedures

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In the beginning...

- Concept of easy access
- Access control and authentication?
- Where could this be useful?

Different scenarios

- Car communication system
 - Multiple users
 - Easy setup
- Media center and set-top-box
 - Authentication
 - Content Access
 - Control and management of resources



Technology status

- Focus on Wireless communication
- Is the technology mature enough?

Choosing a technology

- Decided on Bluetooth
 - Possible easy pairing solution
 - Range was sufficient for our needs
 - Could enable other forms of communication

Media center Integration

- Can be Bluetooth enabled
- Regular Operating System, more possibilities
- Personal Content

WebGuide

- Extensive plugin for media center
- Provides us with an interface
- Compatible with mobile phone web-browsers

WebGuide: Home - Windows Internet Explorer

http://hp-mcc:89/default.aspx?AspxAutoDetectCookieSupport=1

WebGuide: Home

WebGuide⁴ Beta version 4.001

Guide Search Recordings Pictures Music Videos

Friday, October 06, 2006
5:46 PM

Guide
Search
Recordings
Pictures
Music
Videos

Recently Recorded

General Hospital	3:00 PM
The Office: "The Coup"	Thu, Oct 5
Designed to Sell: "Wanted: Family-Friendly Digs"	Thu, Oct 5
General Hospital	Thu, Oct 5
House: "Who's Your Daddy"	Wed, Oct 4
Lost: "A Tale of Two Cities"	Wed, Oct 4
More...	

Scheduled Recordings

Designed to Sell: "Soon-to-Be Sold"	8:00 PM
MLB Baseball: "New York Yankees at Detroit Tigers"	8:00 PM
Law & Order: "Home Sweet"	10:00 PM
123123: "Manual Recording"	Sat, Oct 7
The Office	Sat, Oct 7
The Office	Sat, Oct 7
More...	

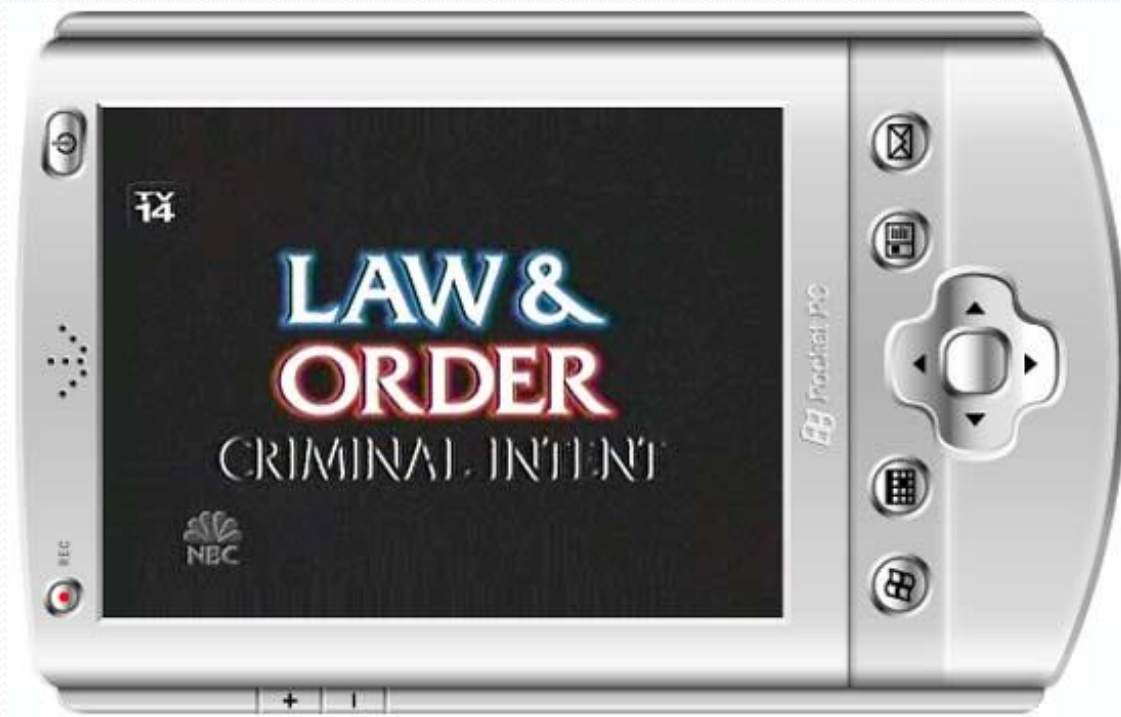
Lost

"A Tale of Two Cities"
Jack, Kate and Sawyer discover what they are up against as prisoners.

Wed, Oct 4 9:00 PM - 10:06 PM 24 WCVB - ABC Affiliate
(10/4/2006) Action/Adventure/Series, Drama/Series TV-14

Play Program
Stream Program
Download Program
Delete Program
Other Showings

Done Internet 100%



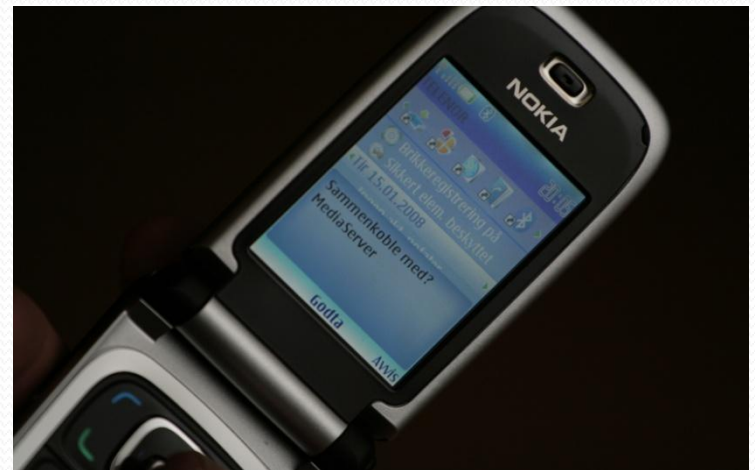
Enable streaming of content to your personal device

- Schedule recordings
- Stream content (when supported by device)
- Need initial setup
- Allow for regular users to take advantage of this technology



Easy pairing solution

- User initiate contact
- Server sends pairing request
- Pre-selected service
 - Object-Push (midlet, link etc.)
 - Service selection (PAN)



Summary

- The future is now – at least the technology
 - Near Field Communication – initial contact
 - Easier setup process is possible
 - Access control and authentication
 - Personal Content Access
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- Let the average user of today experience the world of tomorrow.