ArcGIS for Windows Phone
Rex Hansen and Kylie Donia
Agenda

• Introduction
• Using the app
• Using your data
• Custom solutions
The ArcGIS System

- **Applications**
  - ArcGIS Viewers
  - ArcGIS APIs
    - Javascript, Flex, Silverlight...

- **Desktop Applications**
  - ArcGIS Desktop, ArcGIS Explorer
  - ArcGIS SDKs
    - WPF, Java, C++

- **Server Applications**
  - ArcGIS Viewers

- **Mobile Applications**
  - ArcGIS
  - ArcGIS SDKs
    - iOS, Android, Windows Phone, Windows Mobile

Pervasive across computing platforms...
What is mobile GIS?

Extends the reach of ArcGIS from the office to the field

• With a mobile GIS solution you can
  - Carry your maps to the field
  - Collect and Update Geographic Information
  - Track and Geo-collaborate
# Lightweight Applications and Runtime SDKs

Configurable COTS applications and Native ArcGIS Runtime SDKs

<table>
<thead>
<tr>
<th>Platform</th>
<th>Applications</th>
<th>Runtime SDK</th>
</tr>
</thead>
<tbody>
<tr>
<td>iOS</td>
<td>ArcGIS</td>
<td>Objective C</td>
</tr>
<tr>
<td>Android</td>
<td>ArcGIS</td>
<td>Java</td>
</tr>
<tr>
<td>Windows Phone</td>
<td>ArcGIS</td>
<td>Silverlight</td>
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<tr>
<td>Windows Mobile</td>
<td>ArcGIS</td>
<td>.NET</td>
</tr>
<tr>
<td>Windows</td>
<td>ArcGIS Explorer*</td>
<td>WPF, Java</td>
</tr>
<tr>
<td>Linux</td>
<td>None</td>
<td>Qt, Java</td>
</tr>
</tbody>
</table>
ArcGIS on Smartphones and Slates

Windows Phone, iOS, and Android Devices

- Designed for touch-screens
- Connected workflows (Wifi, 3G)
- Assisted-GPS integration
- Replace paper surveys

- Emergency Operations
- Service Requests
- Parcel Valuation
- VGI
- Campus Maps
ArcGIS on Smartphones and Tablets

Windows Phone, iOS, and Android Devices

ArcGIS Application
- Maps shared across devices
- Available Free in marketplaces

SDK
- Embed ArcGIS into existing applications
- Native APIs for building focused applications
- Available Free for development
ArcGIS for Windows Phone

**ArcGIS Application**
- v1.1 in the Marketplace now
- v2.0 available soon
- Access to Webmaps on ArcGIS Online
- View, query, edit map content

**SDK**
- v2.2 on the Resource Center now
- Embed mapping functionality in custom Windows Phone solutions
Resource Center

- ArcGIS App Info
- Samples
- Concepts
- API Reference
- Code Gallery
- Showcase
Using the app
Using the app

• Find maps
• View and query content
• Edit data
Using your data
Using your data in ArcGIS for Windows Phone

- Author & publish services
- Create & share a web map
- Use the map
Mapping water fountains
Custom Solutions
Creating custom applications

ArcGIS API for Windows Phone

- Embed rich mapping functionality
- Use ArcGIS Server/Online, Bing Maps & other data services
- Free download

- Windows Phone – Developing Applications
  Wednesday 8:30am – 9:45am, Room 31B
3rd Party Apps

- CitySourced
- River Watch
- SBA Sites™
Road Ahead

- ArcGIS app 2.0 – August
- ArcGIS app 2.1 – Q4

- 3.0 API Beta 1 – August
  - ArcGIS Server 10.1 Beta 1
- 2.3 API – early Q4

- Road Ahead – ArcGIS for Windows Phone
  Thursday 11:05am – 11:25am, Room 6B
More Windows Phone at the UC

- **Windows Phone – Developing Applications**
  - Wednesday 8:30am – 9:45am, Room 31B

- **Road Ahead – ArcGIS for Windows Phone**
  - Thursday 11:05am – 11:25am, Room 6B

- **ArcGIS API for Silverlight/WPF – An Introduction**
  - Wednesday 10:15am – 11:30am, Room 6E
  - Thursday 10:15am – 11:30am, Room 8

- **ArcGIS API for Silverlight/WPF – Advanced Topics**
  - Wednesday 1:30pm – 2:45pm, Room 8
  - Thursday 3:15pm – 4:30pm, Room 32B
Mobile Demo Theaters

- Introduction to ArcGIS for Windows Phone
  - Wednesday 1:30pm – 2:00pm
  - Thursday 9:00am – 9:30am

- Using ArcGIS on Windows Phone devices
  - Wednesday 2:00pm – 2:30pm
  - Thursday 9:30am – 10:00am

- Developing applications for the Windows Phone platform
  - Wednesday 2:30pm – 3:00pm
  - Thursday 12:00pm – 12:30pm
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