# Picture This: Linking Photos and GPS





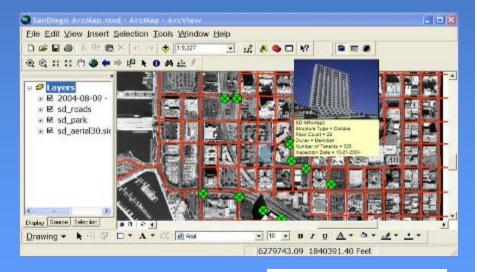




#### **GPS and Pictures**

- GPS gives location
- A picture gives high detail of the feature
- Combined with attributes
  - = A powerful combination!









## **Choose your GPS**

- Professional-Grade
  - ◆8in 5m accuracy

- ◆ Consumer Grade
  - ◆5m 10m accuracy



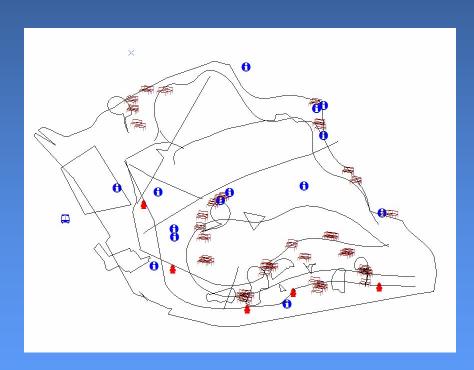


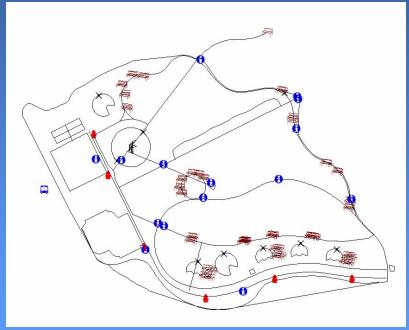




## **GPS Accuracy**

## • Is GPS Accuracy important to you?









# Choose your camera

- Professional Grade
  - Ability to create automatic links to your data



- ◆ Consumer Grade
  - Must manually create links to your data







### **Camera Resolution**

#### High-Resolution:







#### **Camera Resolution**

#### Lo-Resolution (cell-phone camera):







#### **Pro Camera / Consumer GPS**













### **Pro Camera / Pro GPS**









# **Wireless Integration**

- Bluetooth
- ♦ Wi-Fi













## **Professional Image Integration**

- Camera
  - Ricoh Caplio Pro G3
    - ◆3.2 megapixels, 3x zoom, Wi-Fi capable









## **Professional Image Integration**

- **◆ GPS** 
  - Trimble GeoXM/XT/XH (Integrated handheld)









#### **FTP** software

• VXTFP Surv by Cambridge Computer Corp.

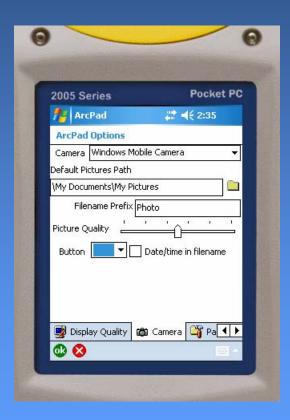
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### Field Software

#### ArcPad by ESRI









#### **Field Software**

#### Terrasync by Trimble









#### **Questions?**

Field Demo



