Overcoming the challenge of easily gathering data in the field
An introduction to Plot & Audit

**Distinctions - Safety Audits**
- Community consultation (& building)
- Understand safety concerns
- Identify particular areas where safety is a concern
- Walkabout to assess
  - Physical, Social, Institutional factors that affect safety and sense of safety
- Exploration of solutions both during and after the audit

**Distinctions - CPTED Review**
- Consider design and use of space
- Identify desired and undesired behaviours
- Identify environmental and management factors that support desired and undesired behaviours, or inappropriate use / conflict
- Make recommendations to reduce fear and opportunities for crime

**Distinctions - Security Survey**
- Directed towards specific assets
- Physical Security
- Administrative Security
- Specific or general threats
- Vulnerabilities
- Recommendations

**Risk Analysis**
- What might happen?
- What are the range of consequences?
- What is there to reduce the likelihood of it happening?
- What is there to reduce the consequences?
- What is the likelihood of the risk event and what is the degree of harm per type of consequence?

**Common Aspects**
- Defined functional or geographic area
- Recording of observations
  - Paper / Photos / Video
- Opportunity reduction orientation
- Presentation of findings
- Presentation of recommendations

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Common Challenges
- Getting consistency in data collection
- Maintaining accuracy in data
- Parallel data collection / teams
- Time to collect data
- Time to process & annotate photos

Projects that drove development
- TAFE NSW
  - 124 sites > 1,000,000 km²
  - 500 + cash handling points
  - Specific application – Robbery risk assessment
  - Reliable risk analysis tool for use by local staff

Projects that drove development
- NSW Transport
  - 170 sites
  - CPTED Audits
  - Lighting Audits
  - Emphasis on photos to support conclusions

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Plot & Audit Objectives
- Tablet compatible web-application
- Device & operating system agnostic
- Cloud storage of data & photos
- Central monitoring/overview of data collection
- Meaningful markers
  - Clearly legible symbolism
  - Contextually relevant data
  - Attach photos
  - Export data (with GPS)

Audit Projects
- Audit = Audit Location + Audit Type
- Audit Type = Chosen Audit Items (markers)
- Multiple Audits per Audit Project e.g.
  - Same Audit different years
  - Different Audit Types same Location
  - Lighting / CPTED / Maintenance
  - Same Audit Type different Locations

Social Media Plugin
overlay social media activity to inform assessments
Easily gather data in the field

Plot & Audit

iPad / Tablet friendly web-application

PlotAndAudit.com

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