So what is NeatStreets?

“A service that leverages the power of the public to bring attention to the existence of defective public assets and/or obstructions to public assets ...

... The service is aimed at alerting the relevant authority as soon as these issues are discovered and then keeping reporters informed of action until the issues are solved.”

Contact: Neil Kuruppu / Tel: +613 9939 8558 / Email: neil@neatstreets.com.au
How does it work?

It is facilitated by a **FREE** smart-phone application:

It engages the public to report **GPS-tagged** defects effortlessly .... with pictures!

Contact: Neil Kuruppu / Tel: +613 9939 8558 / Email: neil@neatstreets.com.au
Online-configurable categories:

- Broken Footpaths
- Hazards
- Vandalised Assets
- Obstructions
- Potholes
- Damaged Signage
- Streetlight Faults
- Litter
- Abandoned Trolleys
- Fallen/Damaged trees
- Parking
- Graffiti/Tags

Phone categories are editable from the web.

**Location-based** changes are on the way!

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“Live” reports from across the country

Real-time Status Feedback from Authorities

- Personalised Notifications - at Federal, State, or Local Government levels via polygon association
- Need-to-Know Access - Authorities will only have access to reports within their jurisdiction
- Statistics - Report statistics can be made available by timeframe, area, report subject (category): E.g. hazard, damage, broken power line, even lost shopping trolley!
- Tiered Administration - supported by NeatStreets via layered web management of polygons at the national, state, local government, and even town levels.

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2. The link takes you directly to the location of the issue on Google maps and also to a commented photograph of the issue.

3. An example of a linked issue-page is shown on the next slide.
Commercial-in-Confidence

Linked details page

... where **gov and the community** can interact:

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**Report #10017029, located near 221 Main South Road, Morphett Vale SA 5162, Australia**

**Detail**

- **Location**: #17724
- **Description**: Smashed telephone booth glass on ground and footpath
- **Audit Ref.**
- **Category**: Damage
- **Status**: Closed
- **Note**: Closed By Reporter

**Timeline**

- **Over 1 week(s) ago by reporter**
  - Comment Added: Report Sent From Mobile

- **Over 1 week(s) ago by referee of NeatStreets**
  - Comment Added: (Authority:Onkaparinga (C) (SA)) to (Authority:Telstra)
  - Comment Added: Report status was updated.

- **Over 1 week(s) ago by reporter**
  - Comment Added: (1) Fantastic work, was glass removed yesterday, during the day new glass fitted.

- **Over 1 week(s) ago by system**
  - Comment Added: Dear Reporter, thank you for the status update.

- **Over 1 week(s) ago by referee of NeatStreets**
  - Comment Added: Status: (Status: Closed) to (Status: Closed)
  - Comment Added: (Note: Closed By Reporter)
  - Comment Added: Thanks NeatStreets, this issue has been fixed.

- **Over 1 week(s) ago by system**
  - Comment Added: Dear Reporter, thank you for the status update.

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**Map**

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**Images (1 available)**

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It’s not just about reporting ..
... it’s about managing

- We have a secure online **Incident Room** for authorities to manage reports arriving from their own **geo-poly**

- Progress status and comments added to the Detailed Report pages are forwarded directly back to the reporter’s app:

  E.g. **Contractor Managing:**
  
  “**Telstra Pit is scheduled for fixing in 2 days**”

  John Smith from Telstra

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NeatStreets ws_report

Authentication Request:
Authority, Area

Accept:
Create_new_Authority

Reports List Request
Authority, Area, Categories, Start_time, End_time

Reports List:
{ [Issue_Id, Category, Title, Comment, Report_time, Lat, Long, Image, Status List[]], .. }

Report Status:
{ [Issue_Id, Status, Reply, Lat_update, Long_update].. }

Status Acknowledge:
{ [Issue_Id], .. }

Authority System

PRIMITIVE DATA TYPES
Title: e.g. Stop sign damage
Comment: e.g. "passing vehicle inflicted damage to sign"
Category: e.g. Signage,
Subcategory: e.g. Damaged,
Event Time: e.g. 3/12/2009 16:40:00,
Latitude: e.g. -37.846809,
Longitude: e.g. 144.978945,
Horizontal Accuracy: e.g. 5
Image Array: (Multiple/Report)

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Infor-Pathway supports full ‘B2B’ communications with NeatStreet

Commenting back to reporter’s phone direct from job dispatch & closure systems.

Org field-crews can using our free apps


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So how does this benefit?

Reports are Live:
Helps reduce your risk of Public Liability by knowing about defects quickly

Feedback is Live:
Helps improve your public image

Less calls-based reports:
Helps reduce time fielding telephone calls

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What’s on the roadmap? (Short Term)

CROWD Sourcing

EXPERT Sourcing

Mobile API Layer

Neat Streets Technology Framework (IVU)

Web Service API

AUTHORITY

Multi-layered Geo-fencing:
Down to Rail and Road level

Expert-sourcing:
Custom applications through the Neat Streets framework

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World-wide Report Aggregation

Intelligence

- Locale-based Usage Statistics – Straight back to mobile devices
- Trend Analysis – Location Intel could provide advice for location

AR & Media Enhancements

- Focal Distance Estimation – Distance of object from camera
- Video & Audio Transmission – Platform has already has made provision for this. (Waiting for load analysis to be done).

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