



GeoPal Asset and Field Workforce Mobility Solution

Job Scheduling
and Dispatch

Customizable
Mobile Forms

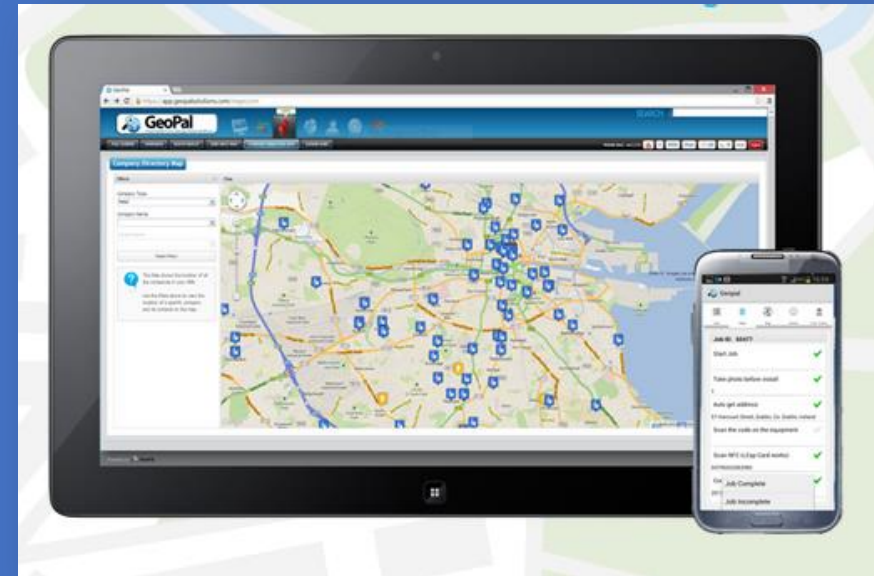
Mapping and
Location

Reports and
Accountability

What is GeoPal



GeoPal is cloud service and mobile App for companies that need to manage field assets, and a field based workforce.



GeoPal Models



Software
as a Service

Platform
as a Service



Field Service & Facilities Management



Public Services



Home Health Care



Civil Engineering & Surveying



Systems Integrators



SharePoint Partners



IT Solutions Providers



Business Consultancies

Problems Solved by GeoPal



- X No Field workflows
- X Inefficient Job Scheduling
- X Inefficient Navigation
- X No real-time job status
- X Excess of Paper Forms
- X Handling Order Changes
- X Time and Material capture
- X Lack of Visibility of Workers
- X Proof of Delivery Issues
- X Field Asset Management
- X Reactive Field Service
- X Health & Safety Issues
- X Regular Vehicle Inspections

Key Benefits



Increased Productivity



20% increase in jobs completed with better job scheduling.

Paperwork Eliminated



50% reduction in admin costs by eliminating paperwork from the field.

Increased Revenue



17% increase in revenue with quotations and lead capture in the field

Improved Cash Flow



50% increase in cash flow with real-time Proof of Delivery

Regulatory Compliance



100% compliance with Lone Worker Safety and Vehicle Inspections

1.0 Custom Paperless Job Workflows

1.1 Remove paper

1.2 Time and Materials Capture

1.3 ePOD

1.4 Proof of Attendance

1.5 Capture order changes

1.6 Document Scanner

1.7 Safety and Health

1.8 Vehicle Inspection Checks

2. Field Asset Management

3. Worker location tracking

4. Step by Step Navigation

5. Job Scheduling and Dispatch

6. On line real time Reports

7. Customer Portal

8. Data Exchange to 3rd party s/w

9. Proactive Field Service

10. Lone Worker Protection

11. CRM

12. Credit Card Processing in the field

1.0 Custom Job Workflows

- GeoPal has a powerful form creation studio.
- Simple drag and drop interface, no programming required.
- Specify which forms can be accessed by each field worker.
- Multiple step types.
- Conditional logic : skip to, if/then.

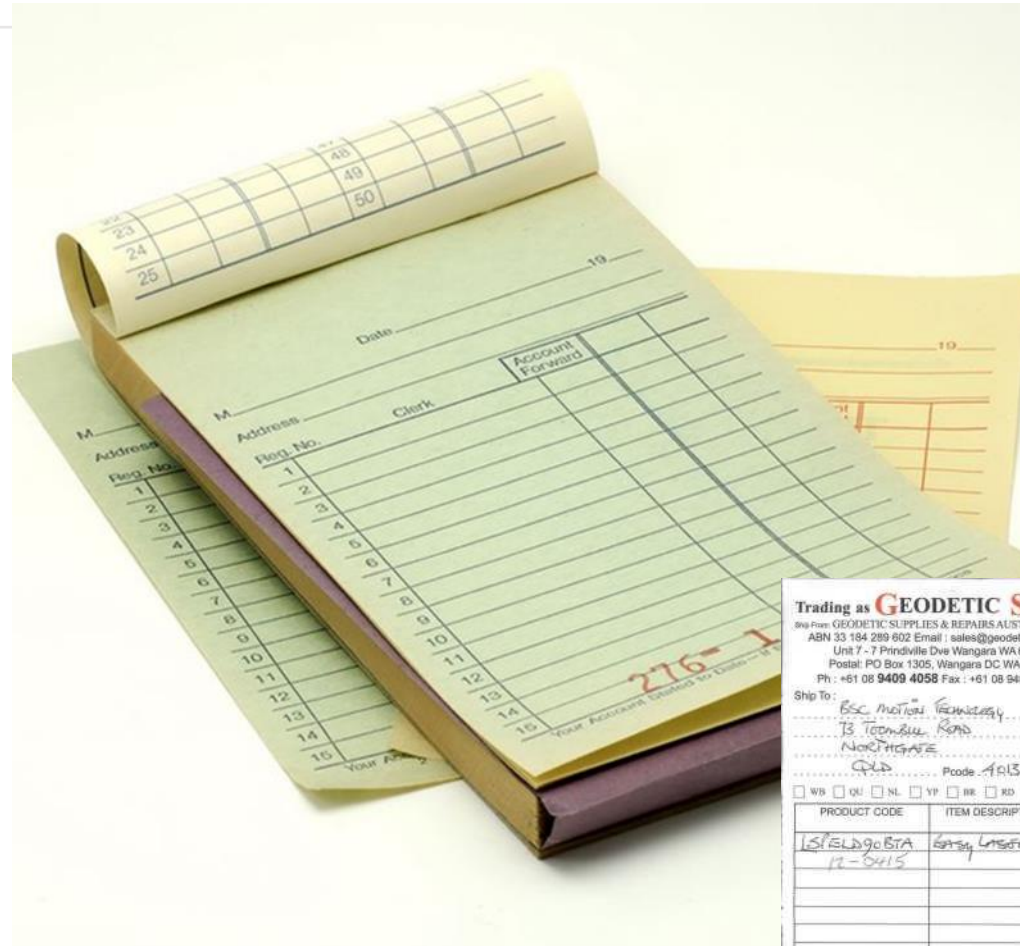


Form fields can include :

- ✓ Photographs
- ✓ Signatures
- ✓ Pick lists
- ✓ Comment fields
- ✓ Scan bar codes
- ✓ Scan RFID tags
- ✓ Annotate images
- ✓ Scan documents
- ✓ GPS coordinates
- ✓ Sketches
- ✓ Videos
- ✓ Parts lists
- ✓ Payments collected
- ✓ Voice notes

1.1 Removing Paper

- Can't get rid of all paper dockets, manifests, etc. but
- Paperwork goes missing, never makes it back to the office.
- No customer signature on the paperwork when it does arrive back.
- No early warning of paper work issues until it's too late



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ABN 33 184 289 802 Email: sales@geodetic.com.au
Unit 7 - 7 Prindiville Dve Wangara WA 8055
Postal: PO Box 1305, Wangara DC WA 8947
Ph: +61 08 9409 4058 Fax: +61 08 9409 4068

Invoice To: Terms:
As DELIVERED

Ship To: BSC ACTION Technology
13 TERNHILL ROAD
NORTHMEAD
QLD
Pcode 4113
Phone: 07 5566 5555 Fax:
Contact: D. FARRELL

DATE: 1/04/08
DELIVERY DOCKET
TAX INVOICE
PURCHASE ORDER NUMBER:
B/QAA TT23

PRODUCT CODE	ITEM DESCRIPTION BRAND NAMES, MODEL TYPE & SERIAL NUMBERS	QTY (Ordered)	QTY (In Stock)	QTY (Shipped)	UNIT PRICE EX GST	GST AMOUNT	TOTAL PRICE INC GST
LS1ELD90BTA 12-5415	Easy LASER D90BTA INWARDS 9000R GPA 4/24/08	1	1	1	\$5,100.00	\$510.00	\$5,610.00

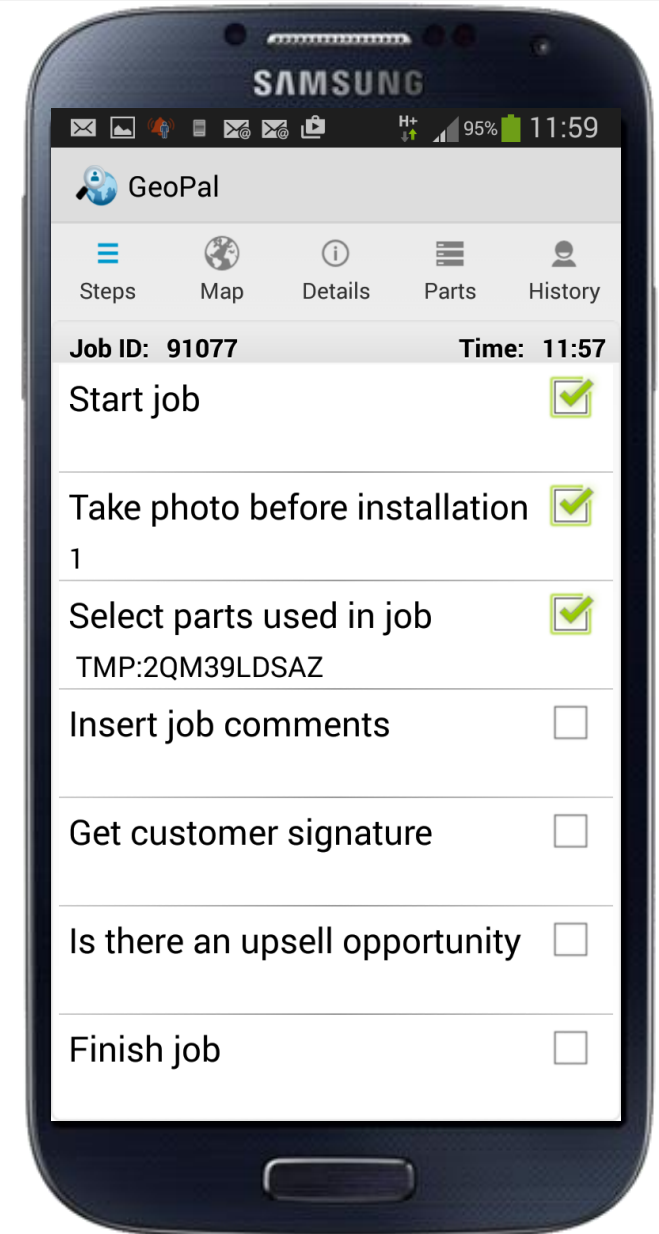
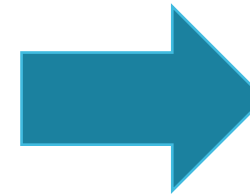
SHIP VIA: CEBS00WC A/C AAE FREIGHT POSTAGE & HANDLING: 1. 1. 1.
#2892901

RECEIPT OF GOODS SALES REP: JF
Sub Total: \$5,610.00
GST: \$510.00
TOTAL: \$6,120.00

www.geodetic.com.au www.laserertools.com.au
WHITE : INVOICE BLUE : DELIVERY GREEN : OFFICE PINK : BOOK COPY * THESE GOODS REMAIN THE PROPERTY OF GEODETIC SUPPLIES & REPAIRS UNTIL PAID FOR IN FULL *

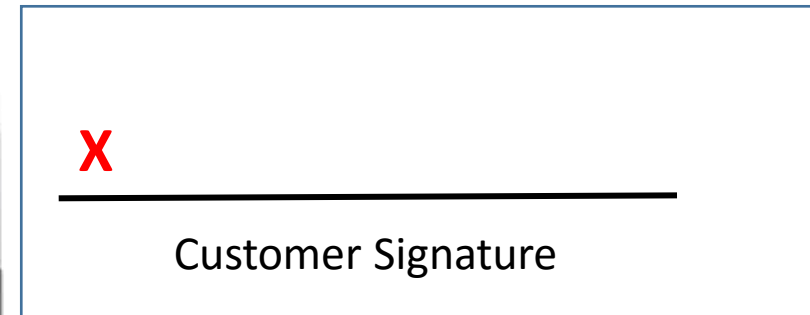
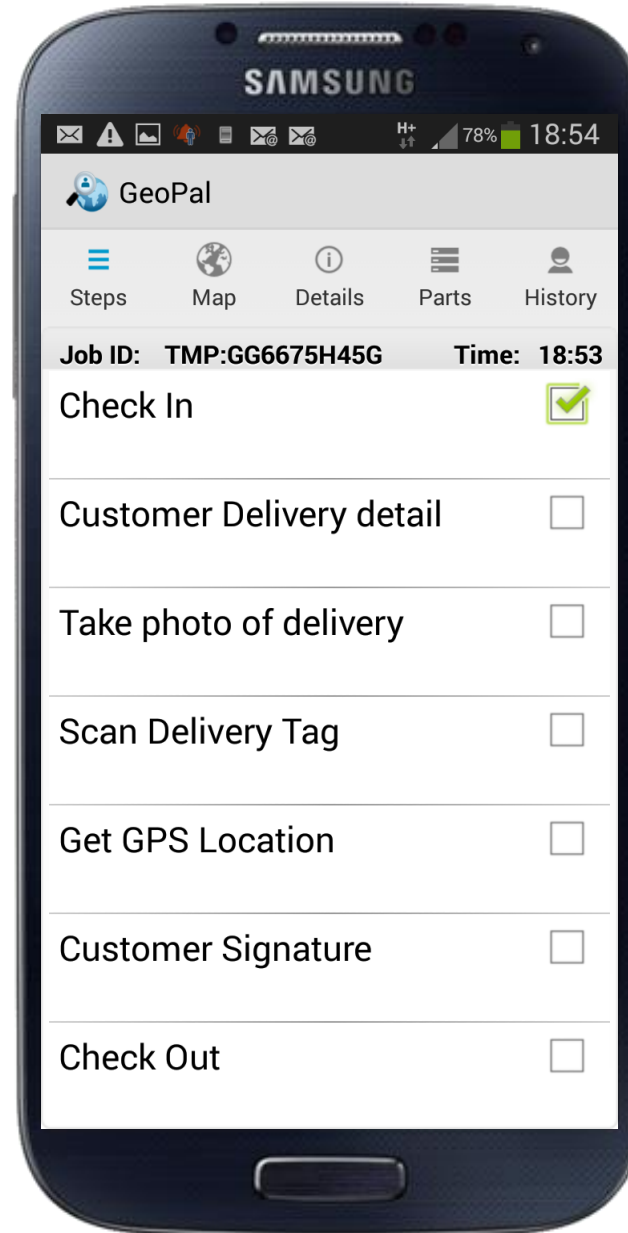
1.2 Time and Materials Capture

- Replace paper job reports with mobile forms.
- On the mobile app the Worker clicks “start job” and “end job” to record time spent on job.
- On the mobile app the worker selects the parts & materials used on the job.
- Customer can add signature to confirm agreement.



1.3 Electronic Proof of Delivery

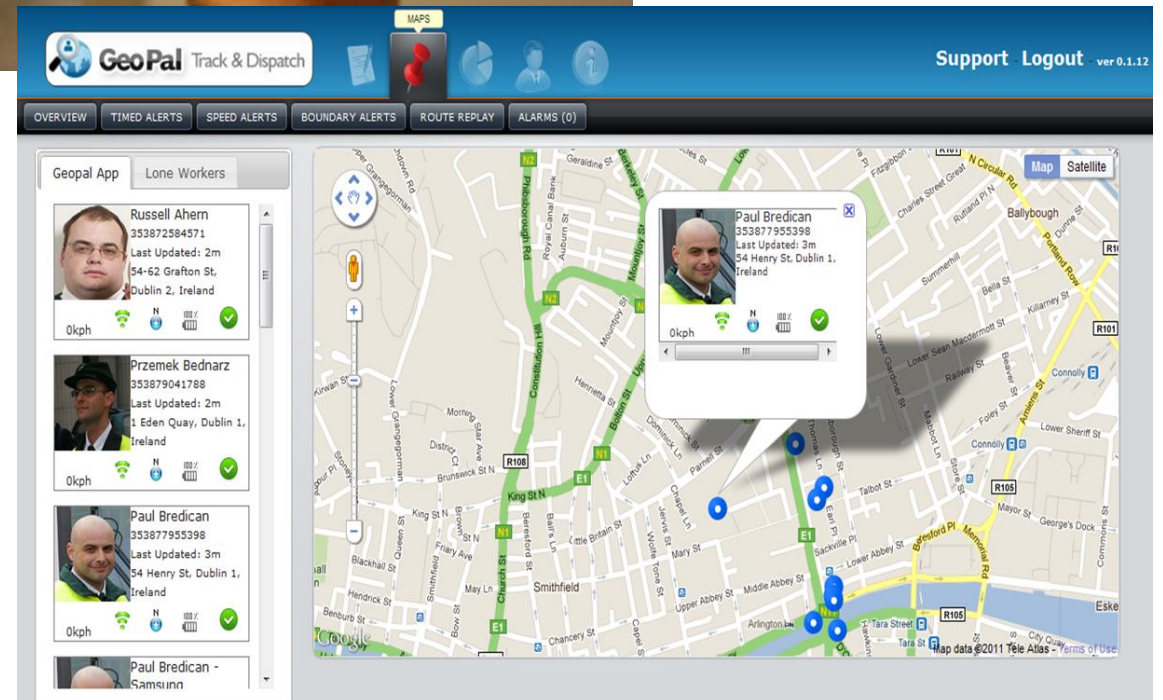
- Proof that the delivery / collection has completed by :
 - ✓ Capturing customer signature (sign on glass).
 - ✓ Photo of delivered items.
 - ✓ Capture GPS coordinates of collection / drop off point.
 - ✓ Scan the signed delivery docket.



1.4 Proof of Attendance



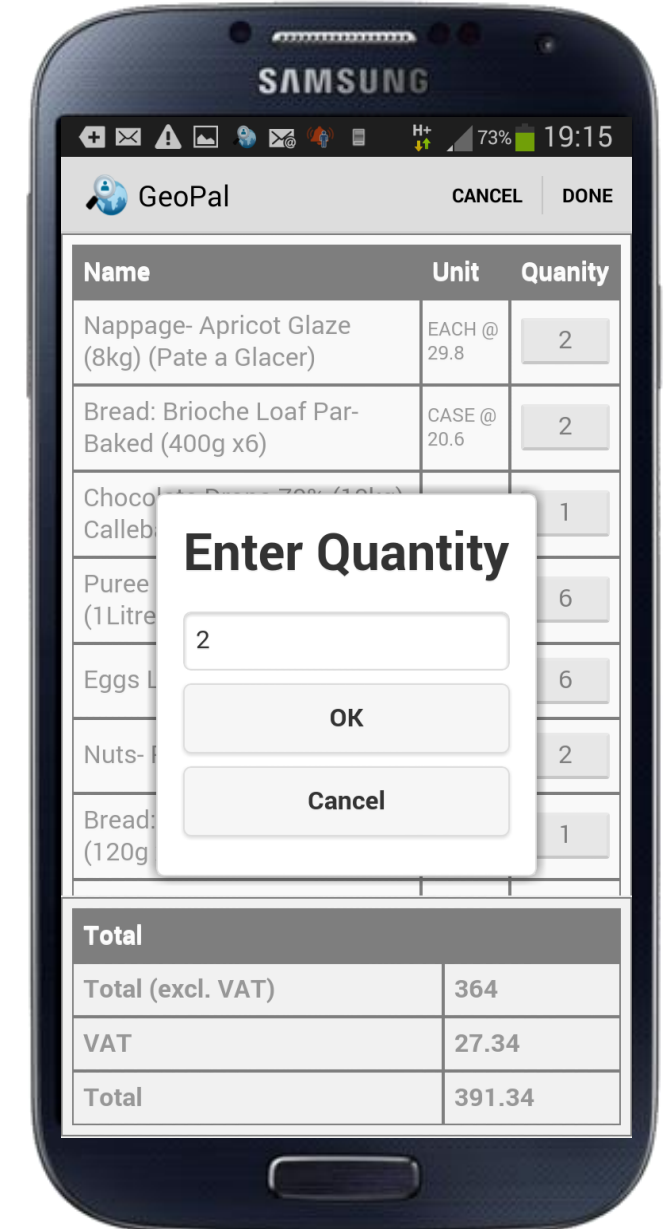
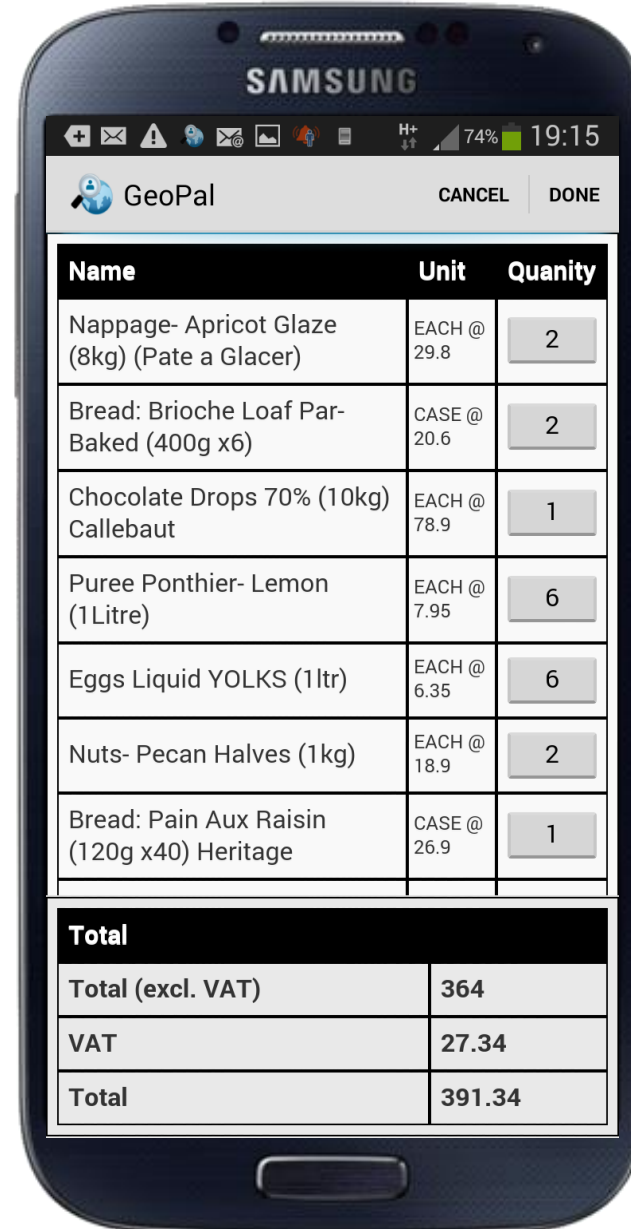
- Field worker uses the GeoPal mobile app to scan a QR code or RFID tag at the job location.
- The GeoPal mobile app time stamps and geo-tags when the QR code is scanned.
- The mobile app sends the GPS location of the worker back to the web site every 5 minutes.
- Worker also scans the tag when job / shift finishes.



1.5 Capture Order Changes

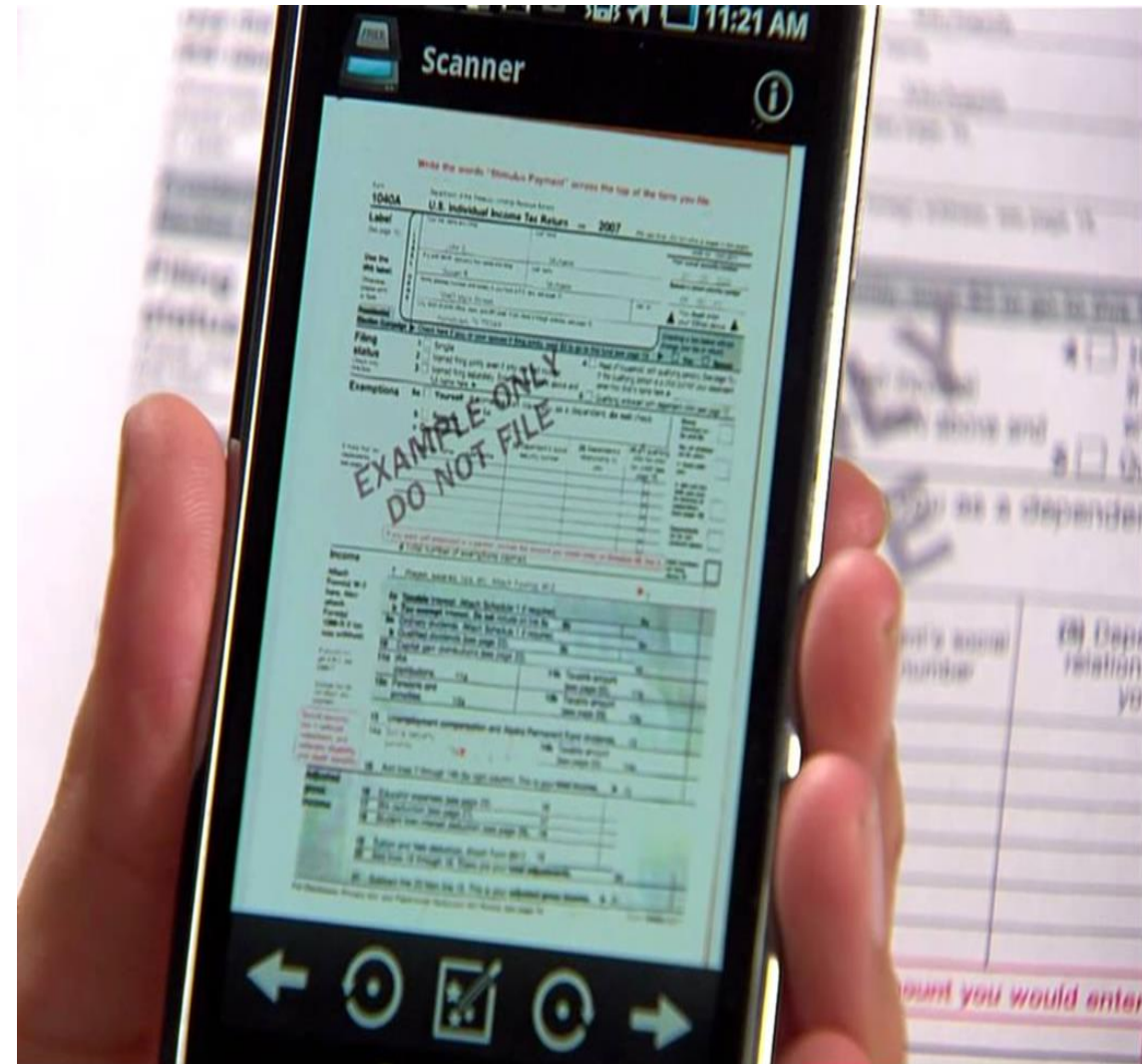


- The mobile app can display the expected items to be delivered.
- The quantities can be changed on the app to show the actual items delivered.
- The revised delivery details are sent back to the office immediately.
- Back office Order Management systems are updated with the revised delivery details.



1.4 Document Scanner

- The GeoPal mobile app has a feature to scan documents such as : consignment notes, delivery dockets, etc.
- The scanned document is sent back to the office in real-time.
- Allows customer invoices to be sent quicker.
- Scanned document stored on the “cloud”.



1.6 Health & Safety Compliance

- Fill out Risk Assessments on the mobile app
- Complete vehicle inspection checks on the mobile app
- Video collaboration between the office and the field worker
- Lone Worker features : Panic alarm, non-movement detection.



2.0 M2M - Field Asset Management



- Register all field assets
- Set up service and maintenance schedules
- Visualisation of Asset Status on GeoPal.
- Asset Status updated by IoT/M2M sensors in the field.
- Asset Jobs dispatched based on Rules entered in Rules Table



3.0 Worker Location Tracking

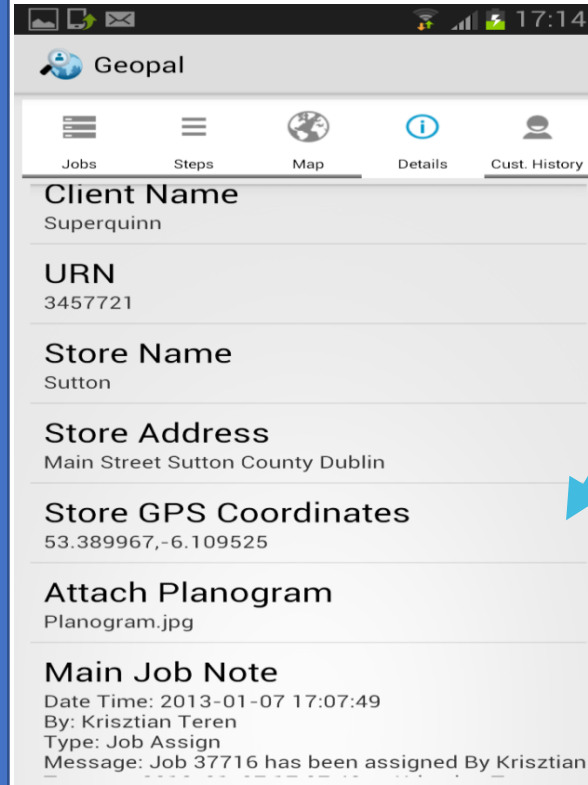


- View the real-time location of workers (not the vehicle)
- See the jobs they are working on and the status of each job
- Assigned jobs to the worker closest to the job location
- See if the worker is logged in to the mobile app.

The screenshot displays the GeoPal Track & Dispatch web interface. At the top, there is a navigation bar with the GeoPal logo and 'Track & Dispatch' text. Below this is a menu with options: OVERVIEW, TIMED ALERTS, SPEED ALERTS, BOUNDARY ALERTS, ROUTE REPLAY, and ALARMS (0). The main content area is divided into two sections. On the left, there is a 'Geopal App' section with a 'Lone Workers' tab. It lists three workers: Russell Ahern, Przemek Bednarz, and Paul Bredican. Each worker's entry includes a profile picture, name, ID number, last update time, address, and status icons (0kph, signal strength, battery, and a green checkmark). On the right, there is a map showing the location of Paul Bredican. A pop-up window displays his profile information: Paul Bredican, ID 35387955398, last updated 3m, 54 Henry St, Dublin 1, Ireland. The map shows several blue location markers in the Dublin area.

4.0 Step by Step Navigation

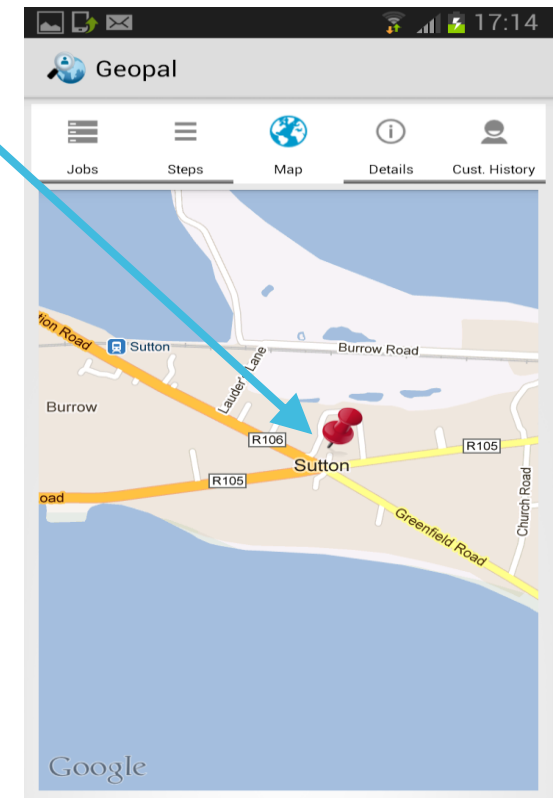
- GPS and Address
- Audio support
- Live traffic conditions
- Where to turn and which lane
- More efficient routes.
- If you get off track, Maps will automatically find a new route for you.
- Estimated arrival time



The driver clicks on the GPS Coordinates or address to view the job Location and get turn by turn directions

1

2



5.0 Job Scheduling and Dispatch



- Simple drag and drop assignment of jobs
- Different views available – planner, list, map view
- Colours indicate different jobs statuses – accepted, in progress, completed, etc.
- Worker receives all job details and workflow steps to be completed.
- View, accept, and update job status directly

GeoPal
Create Mobile Forms, Manage Mobile Workforces

SEARCH

JOB TEMPLATE ADD A JOB PLANNER DISPATCH MULTIPLE JOBS SEARCH FILL OUT JOB UPLOAD JOBS Gerard O'Keefe ver:1.15.980 ? SMS Map 5 Print Logout

No Filter Edit Add a Job Assign (0) Gantt View Grid View Map View 24 Hours Business Today Day 5 Day 7 Day Month 03/18/2015

Unassigned Jobs

- Job Identifier: 90467
Job Template: Household Waste Survey
Address: THISTLE COTTAGE, CLOONSHANVILLE
Company: Aeroflot Russian Airlines
- Job Identifier: 90466
Job Template: Household Waste Survey
Address: CLOONSHANVILLE, FRENCHPARK, CO.
Company: Aeroflot Russian Airlines
- Job Identifier: 90465
Job Template: Household Waste Survey
Address: CLOONSHANVILLE, FRENCHPARK, CO.
Company: Aeroflot Russian Airlines
- Job Identifier: 90464
Job Template: Household Waste Survey
Address: CLOONSHANVILLE, FRENCHPARK, CO.
Company: Aeroflot Russian Airlines
- Job Identifier: 90463
Job Template: Household Waste Survey
Address: CLOONSHANVILLE, FRENCHPARK, CO.

Employee

Tue 03/03

Eoin Mc Gowan

- Job Identifier: 822089
Template: Vehicle Check (1)
Address: 221b Baker Street, London, S
Company: ACME
- Job Identifier: 822092
Job Template: Drain Maintenance
Address: 221b Baker Street, London, S
Company: ACME

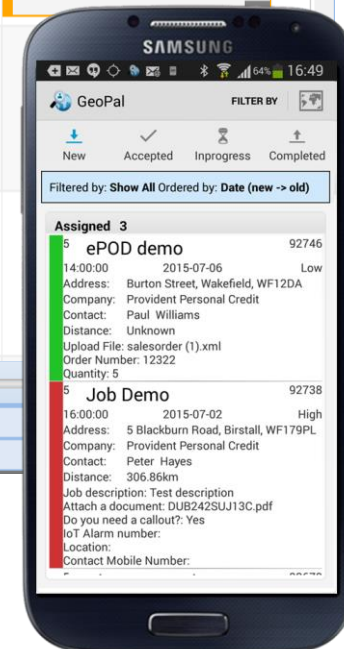
Niamh ODriscoll

- Job Identifier: 822047
Template: Vehicle Check (1)
Address: 221b Baker Street, L
Company: ACME

Cleaner One

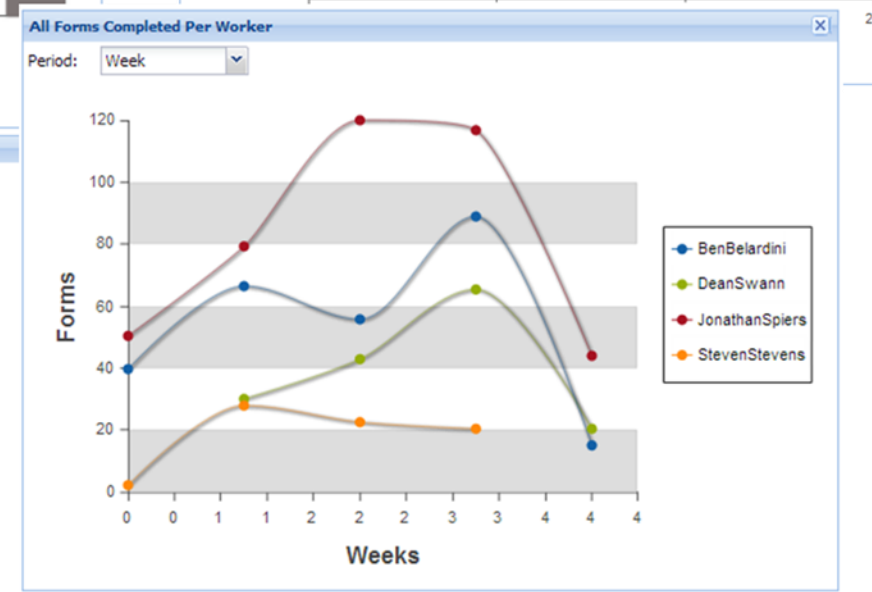
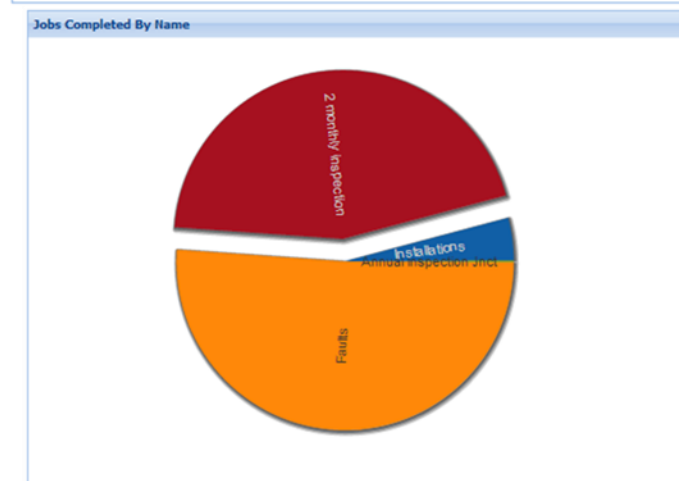
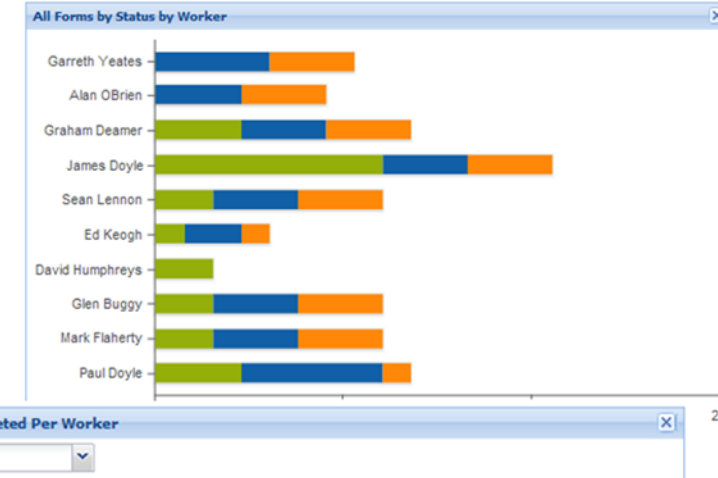
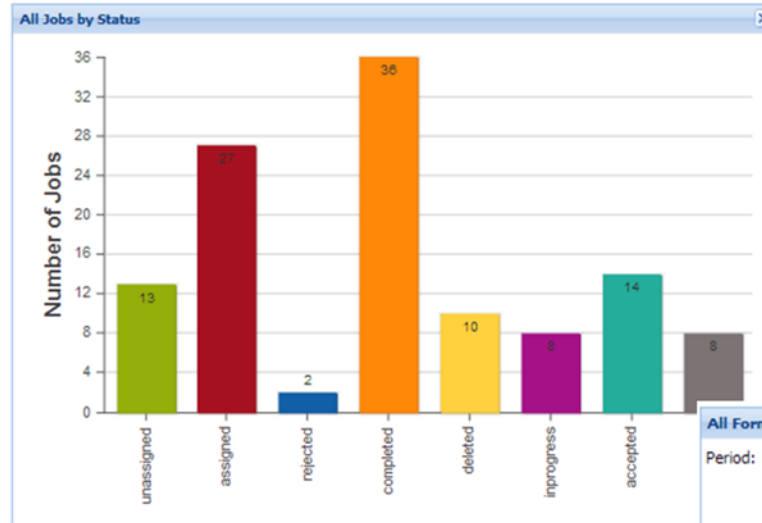
- Job Identifier: 822103
Job Template: FM - Accomodation Maintenance
Address: 12-13 Temple Lane South, D2, Ireland
Company: ACME

Unassigned 43 Assigned 3 Rejected 0 Completed 0 Deleted 0 In Progress 0
Incomplete 0 Review 1 Archive 0 Linked 0 Cancelled 0 Pending 0



6.0 Custom Reports

- Run standard reports
- Create custom reports
- Create pivot tables for analysis
- Create heat maps and pin maps
- Toggle between tabular and map views
- Schedule delivery of reports via email – daily, weekly, monthly
- Output in PDF, Excel, KML, XML, JSON formats.



7.0 Customer Portal



- ✓ Allow your customers to:
 - Log in and see and report on work you are doing for them.
 - Send requests for work to be done.
 - Send comments on work done.
- ✓ Customisable with customers
Logo and colour scheme

The login form features the GeoPal logo at the top. Below it are two input fields: 'Username' and 'Password', each with a small lock icon on the left. A green 'Sign in' button is positioned at the bottom of the form.

The 'Job Details' form is titled 'Insight - Site Area 1'. It contains several input fields for job information: Site (Site Area 1), Project (Project ground running), Date (15/09/2015), Completed By (Jim O'Neill), Start Time (09:00), Finish Time (16:00), Total Hours (7), and Number of Workers (10). Below the form is a 'Files & Signatures' section with 'Uploaded Files' (PDF and XLS icons) and a 'Signature' field containing a handwritten signature.

The search interface includes a 'Search Options' section with filters for 'Select From Date' (15/09/2015), 'Select To Date' (16/09/2015), 'Select Site' (Site 34), 'Select Project' (Project 9, Project 10), and 'Select Job Type' (Job Type). Below this is an 'Insight' table with 25 total results.

#	Site	Project	Job Type	Completed By	View Details
1	Site 1	Project 1 Description	Job Type Description	Caroline Gomez	
2	Site 2	Project 2 Description	Job Type 2 Description	Jack Reacher	
3	Site 3	Project 3 Description	Job Type 3 Description	Howard Elias	
4	Site 4	Project 4 Description	Job Type 4 Description	Terry McCaleb	
5	Site 5	Project 5 Description	Job Type 5 Description	Amy Callaghan	

At the bottom of the table is a pagination control showing page 1 of 5.

8.0 Integration with Third Party Software

Integrate GeoPal with :

- Finance systems : Sage, Quickpay, Freshbooks, Xero, etc
- CRM : Microsoft Dynamics CRM, Salesforce, SugarCRM, Zoho, etc
- ERP : SAP Business 1, Microsoft Dynamics Nav, NetSuite, Sage, etc.



9.0 Proactive Field Service – enabled by Internet of Things

- IoT sensors on equipment in the field send alarms to GeoPal over a data network.
- Customers define rules on GeoPal to specify the action to be taken for each fault type.
- GeoPal automatically assigns jobs to the engineer nearest the job with the correct skill level.
- Job completion data is captured on the GeoPal mobile app.



10 CRM



- ✓ Log all contact details
- ✓ See in one place all jobs undertaken for all locations over any period of time
- ✓ Store any asset information for all locations
- ✓ Add Extra field and notes as you require for example to categorise and classify your clients

ACME123

Company Name	ACME123	Company Type	Residential
Company ID	ACME123	Assigned To	Paul Coyle
Phone Office	+44123456789	Rating	10
Phone Alternate	+44123456789	Website	www.acme1234.com
Email		Notes	
Fax	+44123456789		

[Edit Company](#) [Add Address](#) [Add Contact](#)

View	Name	Status	Dispatched To Worker	Dispatched By Worker	Created At
View 4858389	Paul - Demo Installation	JOB_ASSIGNED	Paul Coyle	Gerard O'Keeffe	2015-09-15 17:47:00
View 4788452	Paul - Demo Installation	JOB_ACCEPTED	Paul Coyle	Paul Coyle	2015-09-09 15:31:56
View 4774843	Paul - Demo Installation	JOB_REVIEW	Paul Coyle	Paul Coyle	2015-09-08 11:30:40
View 4773559	Paul - Demo Installation	JOB_ASSIGNED	Paul Coyle	Paul Coyle	2015-09-08 08:43:31
View 4766572	Demo Installation	JOB_ASSIGNED	Eoin McGowan	Eoin McGowan	2015-09-07 15:43:57
View 4735530	Paul - Demo Installation	JOB_ASSIGNED	Paul Coyle	Gerard O'Keeffe	2015-09-04 08:49:22

Page 1 of 101

View	Name	Status	Type
View Niamh testing 123	Niamh testing 123	In Use	Litter Bin
View TMP:ARAB389EYH		Needs Cleaning	Shift tag

Notes

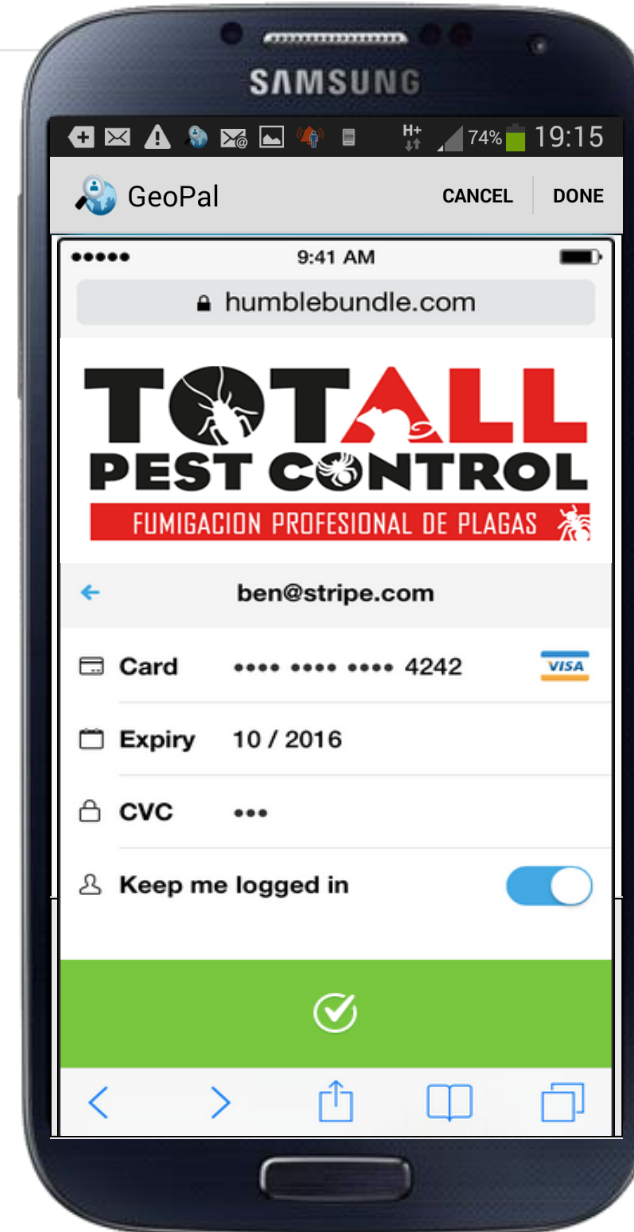
[New Note](#)

Enter New Note

[Previous Notes](#)

11 Credit Card Payment

- ✓ Accept and Process credit card payments in the field
- ✓ Accept signatures with card
- ✓ Use your own logo and colours



GeoPal Stand Alone

- \$1,200 once-off cost for account set up and training free
- \$400 per month (for up to 10 users minimum)
 - Per user charge reduces with volume, for example 100 users costs \$32 each (\$3,200 per month)
- Other Charges:
 - \$500 per day charge to set-up and connect GeoPal APIs to third party system
 - \$2,500 once-off for Portal set-up and then \$200 per month flat fee (up to 2K users)
 - End Customer App (Please ask for pricing)

Point of Contact Information



Name: Paul Coyle, Co-Founder

Email: paul.coyle@geopal.com

Phone number: + 1 646 7412 478

Skype: paulfcoyle

Addresses:

- New York: GeoPal, C/O Enterprise Ireland, 345 Park Avenue, 17th Floor, New York, NY 10154-0037
- Headquarters: 12-13 Temple Lane South, Temple Bar, Dublin D02 PX54 (<https://goo.gl/maps/mrIGS>)



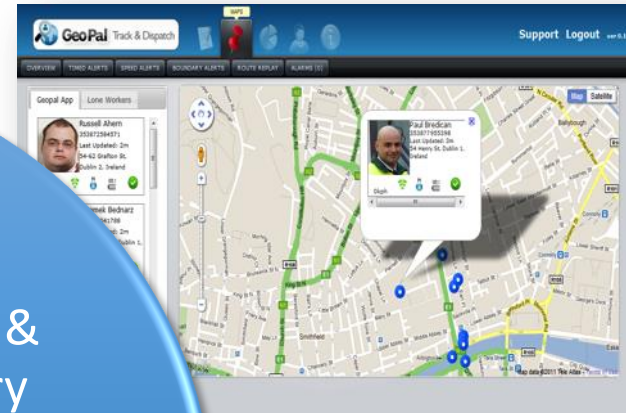
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Job Scheduling
and Dispatch

Customizable
Mobile Forms

Mapping and
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Reports and
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IoT Sensor
Data
Interface

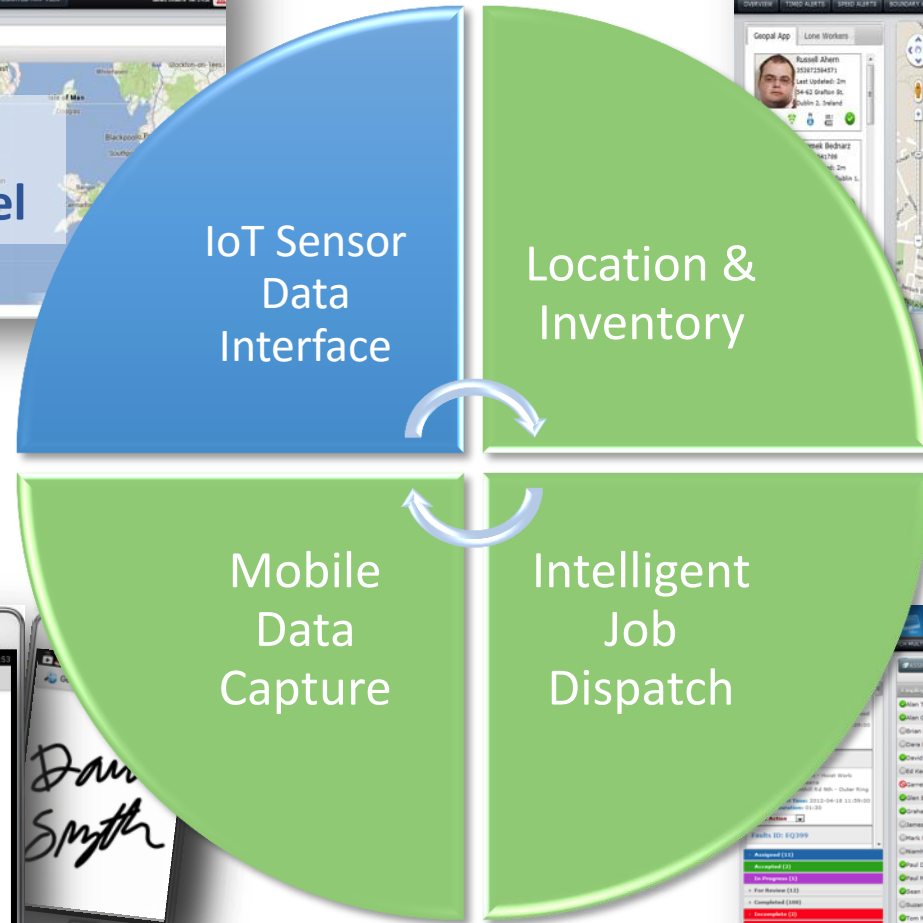
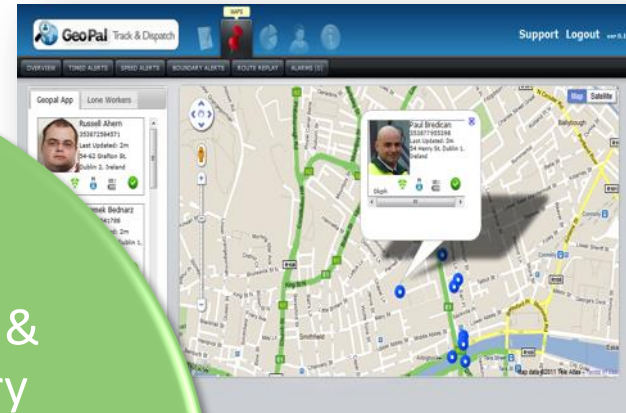
Location &
Inventory

Mobile
Data
Capture

Intelligent
Job
Dispatch



GeoPal takes Field Service Management to the next level



Already available from some existing vendors

