

Mobile Data Collection in Wireless Delay Tolerant Networks

Progress Report

Jono Kapene
53044694



A report on the progress made to date.

Group E16
University of Canterbury
15th May, 2017

Contents

1	Abstract	2
2	Project Overview	3
3	Progress To Date	4
4	Remaining Tasks	4
5	Sustainability Analysis	4
6	Budget Summary	4
7	Conclusions	4
8	References	4

1 Abstract

2 Project Overview

Tait communications is a Christchurch based telecommunications service provider and the sponser of this project. Tait's target market is primarily emergency services, utility and transport operators who value reliability and ease of use.

The project's brief is to develop a delay tolerant network (DTN) for sensor data collection using Tait's existing product, Unify Vehicle (UV). Unify vehicle is an on board radio unit used to give any vehicle it's placed in communication over DMR. Tait have recently upgraded the UV design to give it Wi-Fi and Bluetooth communication which extends the range of possible applications for it. One of these applications is described in this report.

- 3 Progress To Date
- 4 Remaining Tasks
- 5 Sustainability Analysis
- 6 Budget Summary
- 7 Conclusions
- 8 References