School of Information and Communication Technology

Griffith University

7821ICT

Green City Situation Awareness Requirements Change Document

Proof of Concept Demonstrator for Sustainable Transport

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Industry Partner: City of Gold Coast

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This document highlights the changes in requirements from the original signed proposal to the final product.

Software Requirements:

1. **Sidra**: Initially planned for traffic analysis and simulation, we were unable to use Sidra due to licensing issues.

2. **PowerBI**: The project initially proposed the use of Tableau for data visualization. However, due to licensing constraints, we switched to PowerBI. Despite this, the final analyses were conducted without PowerBI, focusing solely on Python for data analysis and reporting.

3. **Dashboards**: The original proposal included the creation of interactive dashboards using PowerBI or Tableau. However, no dashboards were delivered in the final product. Instead, three detailed reports were generated based on Python analyses.

Application Workflow:

1. **Reporting**: The final product delivers **three reports** summarizing the analysis and findings, instead of the planned interactive dashboards. These reports were generated entirely using Python.