



# TTOC update

SNUG – Dunedin, Dec 2019



*Tauranga City*

# Themes – latest trends in TTOC

- Controlled delay – peds, side roads – let the customer aware.
- Transport tech house
- ICT take overs
- Radio ga ga
- Alerts – life ring, one way
- Move the toby
- Design for maintenance

# Guidance to Operations - LoS

- Is there an acceptable level of wait in any city in NZ that you guys work towards?
- Do we create one a SNUG guidance to operations?
- How much do we design in house?
- Extend services as a package – Software, detailed design, Scats validation and setup. Provides the real cost of a project.

# Not Growing up, but out..



## Gridlock: Tauranga's traffic woes bad for business

One firm is spending \$1000 a month on tolls to avoid the city's worst choke points.



## Gridlock: The Big Picture - Tauranga at a traffic crossroads

Answers to city traffic woes lie in each resident's ability to change their mindset.



## Gridlock: Tauranga leaders share their solutions to traffic woes

What are the solutions to Tauranga's traffic woes? We asked transport leaders.



## Gridlock: Emergency workers struggling to get through Tauranga's traffic

Traffic congestion has increased in Tauranga and emergency services are bearing the brunt.



## Traffic on Route K

Traffic on Route K made many people late to work this morning.



## Letters: Tauranga city's traffic congestion is here to stay

Bay of Plenty readers have their say



## Tauranga bus lane bandits risk \$200 fines to avoid traffic

A new bus lane has become a popular shortcut for motorists trying to jump ahead.



## Councillors face tough decision: Improve safety or ease traffic congestion in Greerton

Tauranga can have better safety or efficiency in Greerton but the city can't have both.

# Guidance to Operations - LoS

- Is there an acceptable level of wait in any city in NZ that you guys work towards?
- Do we create one a SNUG guidance to operations?
- How much do we design in house?
- Extend services as a package – Software, detailed design, Scats validation and setup. Provides the real cost of a project.

# On the Buses



The Government has cleared the way for the Bay of Plenty Regional Council to divest itself of the problematic Tauranga city bus services and for Tauranga City Council to take control.

"I think it's important the buses come under one authority," says Tauranga Mayor, Tenby Powell. "And if you want my personal opinion, I would prefer the TCC owned it lock, stock and barrel."

'Insane' future of passenger and freight rail for Bay of Plenty closer to reality ...

Calls for Tauranga City Council to take over buses ...

# TOC's Future

- What is our industries future?
- Good job done or not?
- Cost of running and output savings? Police time saved..
- Software – Scats operators, administrators, software providers.

# Resources for staff / support / qualifications

Industry has a serious lack of experienced staff and has no training unless don't internally.

Q. If we were to go out to tender any of these topics how many tenders would we get and for how much:

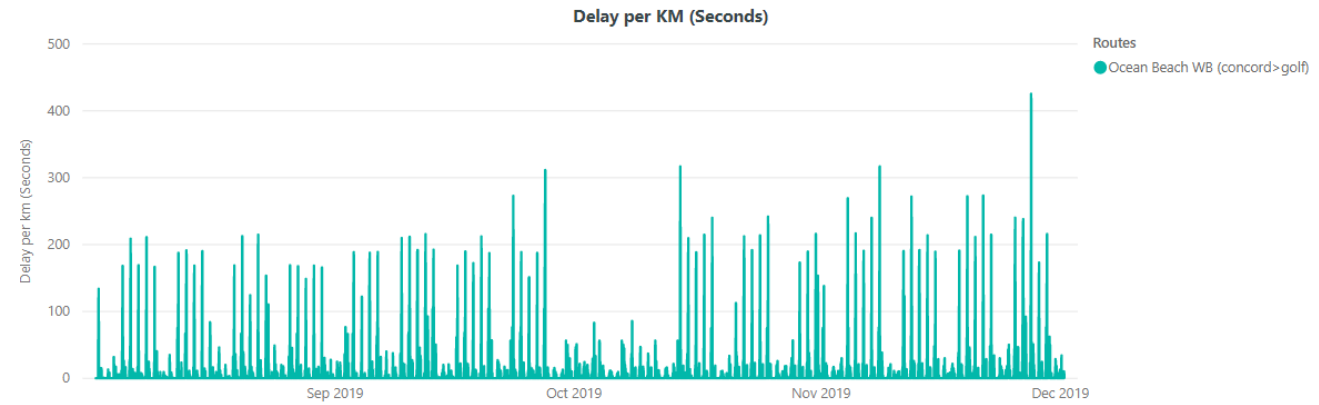
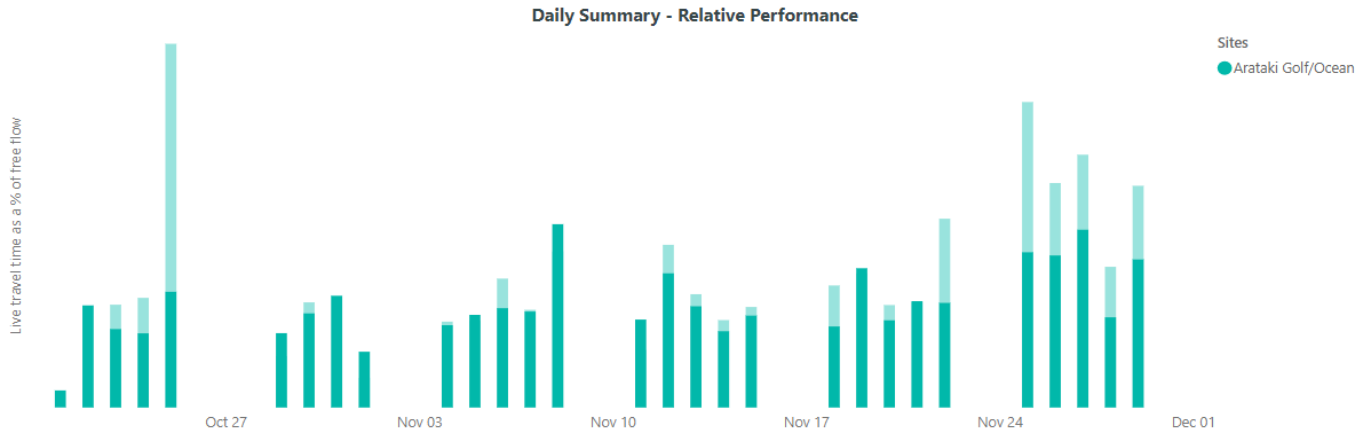
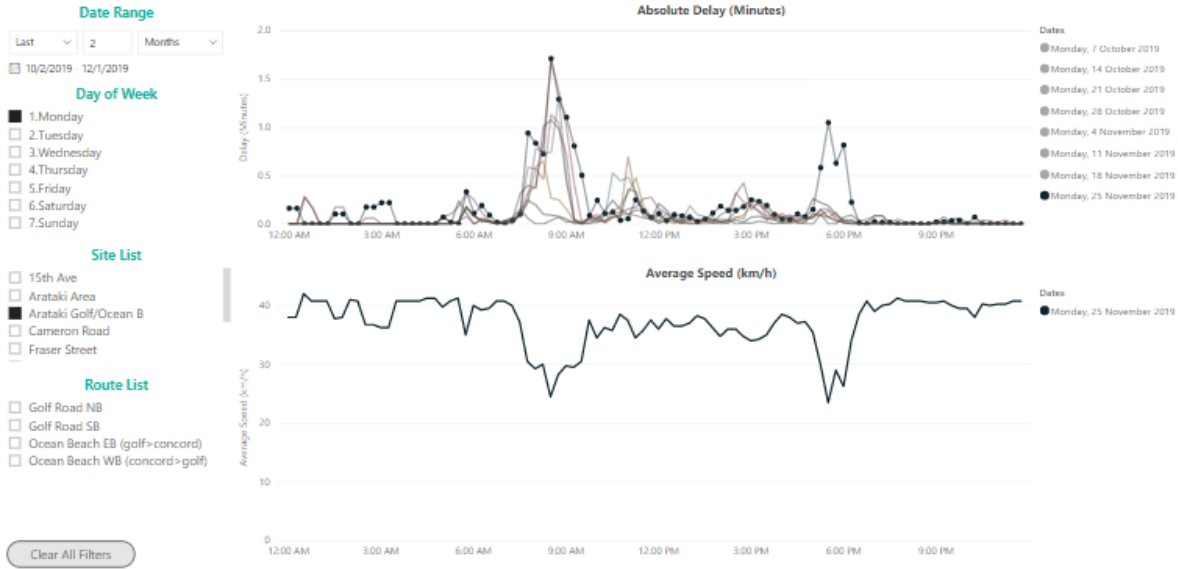
- Scats operations
- Scats management
- Design reviews
- Controller Information Sheet
- Software



# Resources review

- Carry out a survey to see where the skills are and where we can assist in giving them access to our systems.
- Work with SNUG on securing our future
- Need government / NZTA to recognise and provide training / qualifications similar to what CoPTTM has achieved.

# Tools to help understand and communicate

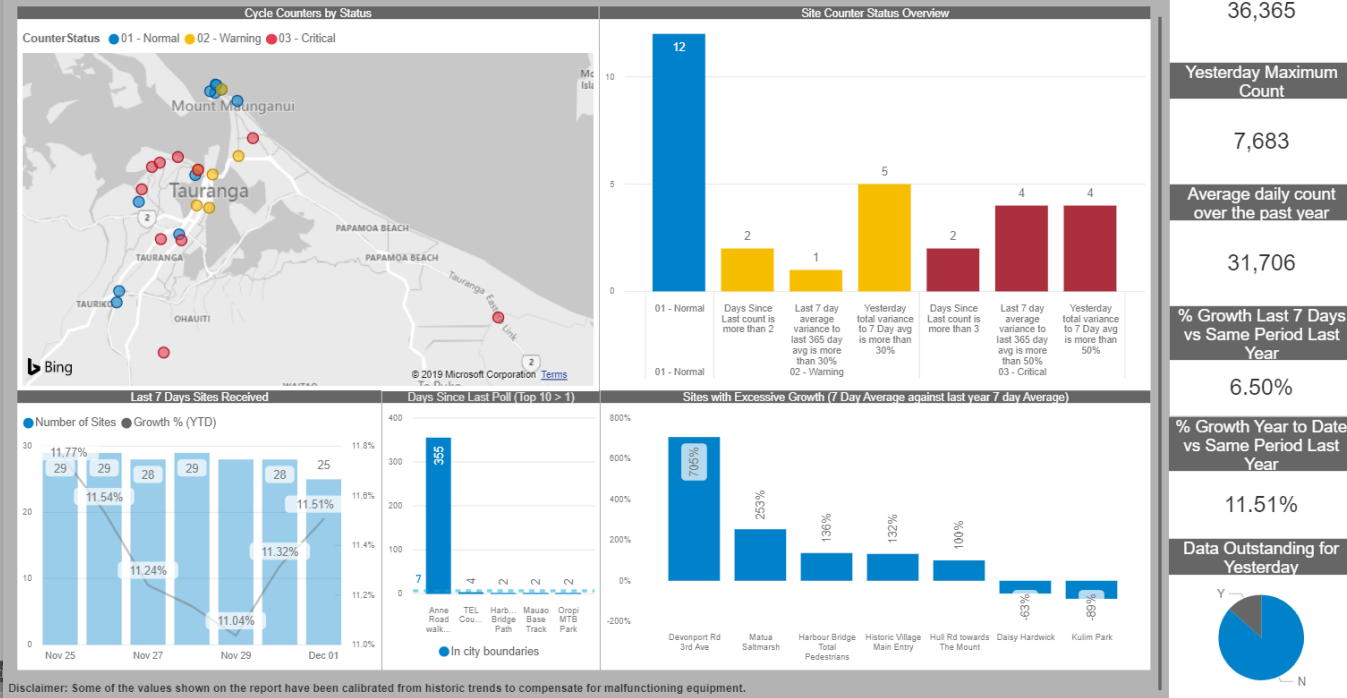


Mooven – Project work  
Addinsight – Trial, shared DB.

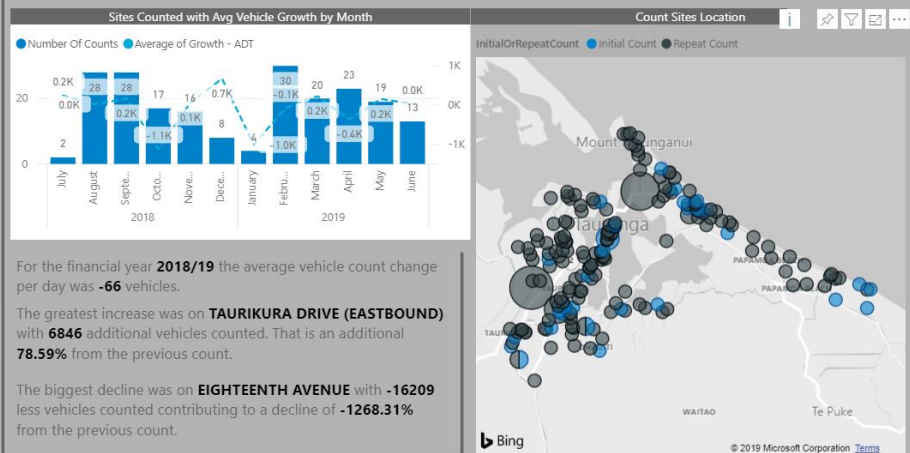
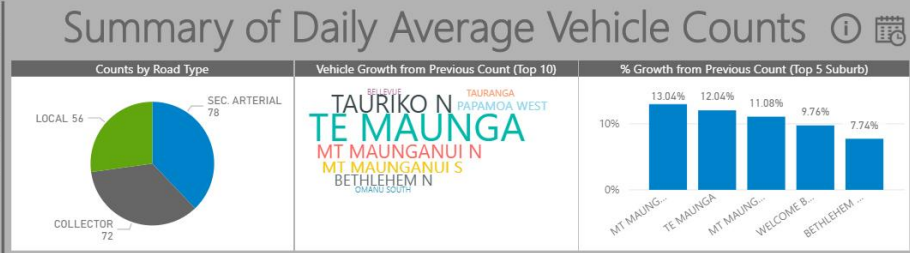
# Validating data

- Accuracy
- Data interpretation
- Communication
- Management

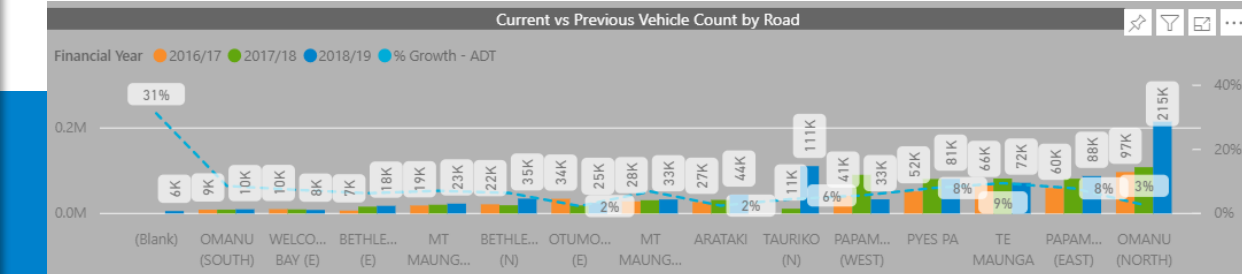
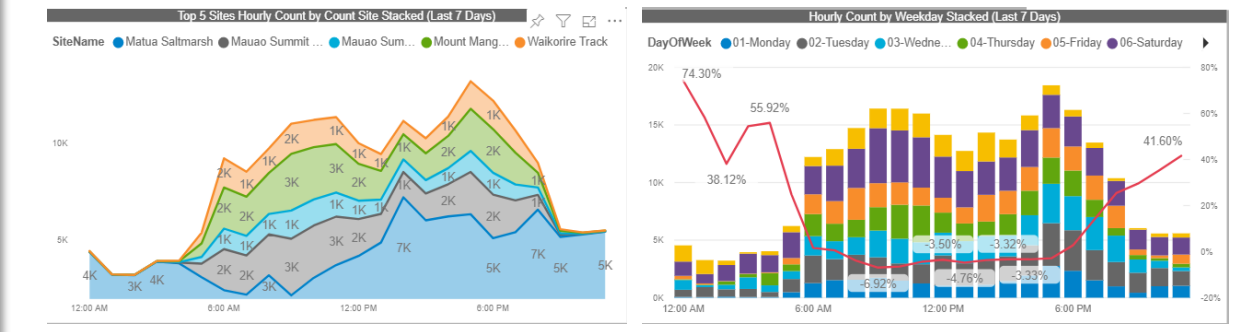
## Cycle Counter Site Status Overview



Last 7 Day Average	36,365
Yesterday Maximum Count	7,683
Average daily count over the past year	31,706
% Growth Last 7 Days vs Same Period Last Year	6.50%
% Growth Year to Date vs Same Period Last Year	11.51%
Data Outstanding for Yesterday	



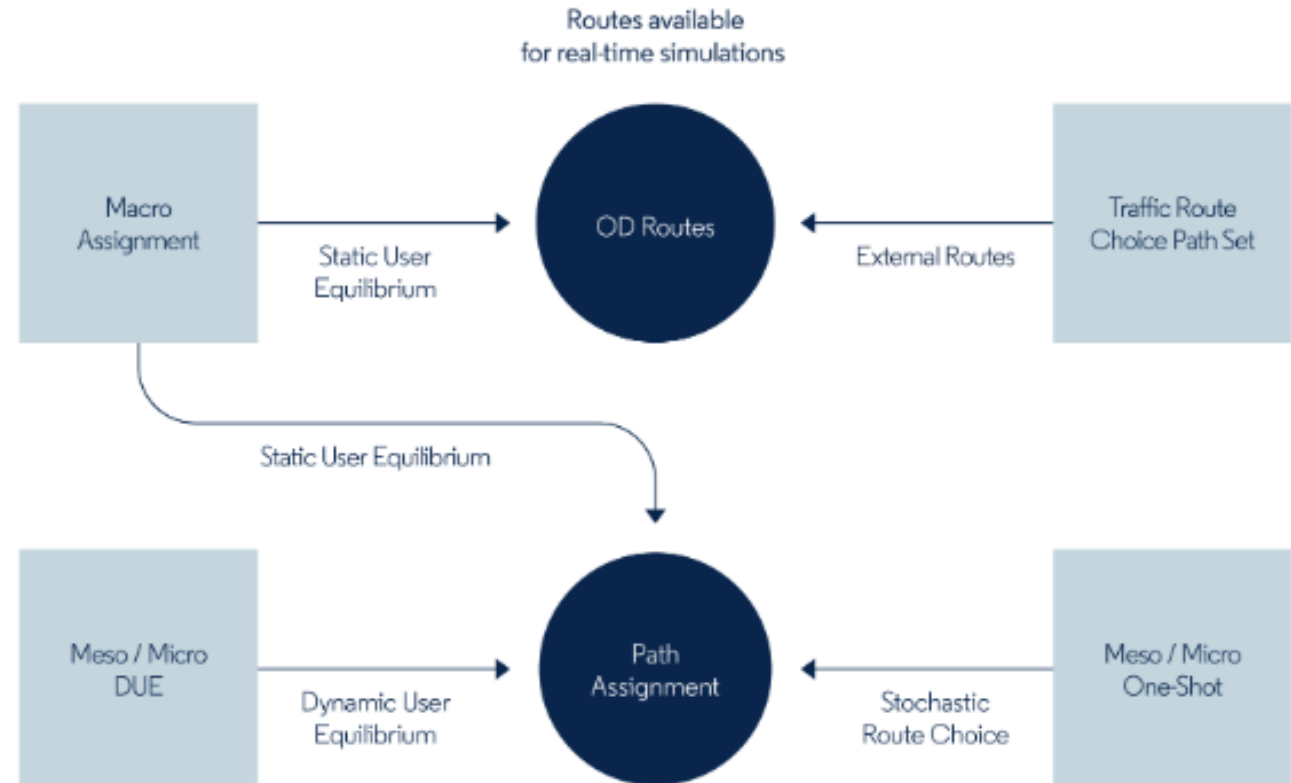
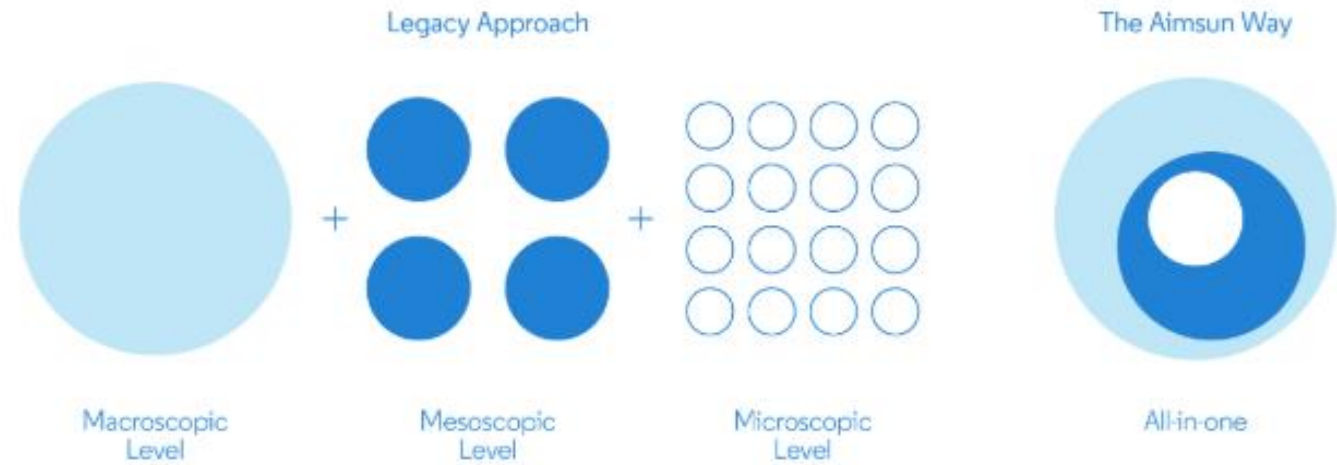
2018/19	208
Total Sites Counted	208
Expected Site to be Counted Next 30 Days	16
Avg days taken to load data into system	24.30
Avg Vehicle Growth	-66
% Growth from Previous Count	-0.84%



# Aimsum Next

Simulate next 2 hours,  
Scats Sim<>Aimsum

Access data warehouse  
Mooven  
Addinsight  
Scats



# Copy n Paste

- Where are the traffic engineers?
- Common sense
- Guidance / Standards



Elizabeth St roundabout metering deemed a success



New Barkes Corner roundabout metering traffic lights temporarily out after crashes



Lance Hansen, who works near the Barkes Corner roundabout, reckons the design of the new metering lights is confusing some motorists. Photo/Andrew Warner

## Barkes Corner traffic lights project suffers budget blowout



Capital Tractors operations manager Michelle Hedges is based at Barkes Corner daily, and says traffic signals installed to help improve traffic flow have not made much difference. Photo / George Novak