

# Journey from Legends to Legacy

NCTIR 

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The damage caused to the railway and SH1 along the Kaikoura coast was unprecedented in NZ



21 December 2016...



+350 professional services  
organisations

# ***“Moving Mountains to Reconnect Communities”*** **Legends**

## ***“Carving Enduring Connections”*** **Legacy**

# NCTIR GIS team

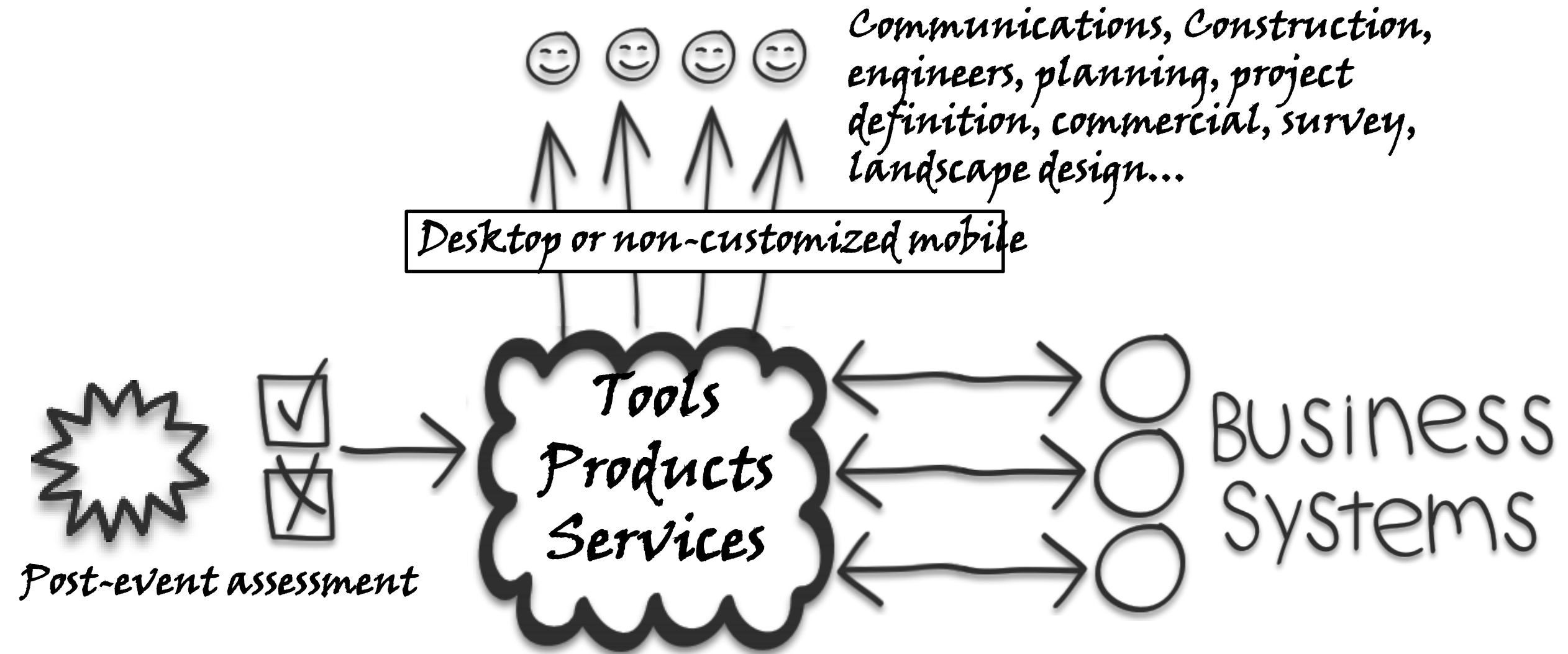
**JACOBS**

**aurecon**

**abley**



# value proposition



# Iron Gate Bridge...



Layer List

NCTIR Works

...

Geohazards

...

Geology

...

Utilities

...

Safety

...

Environmental

...

Chainages

...

Client Assets

...

Fulcrum Inspection

...

Culvert Inspection

...

Slope Movement Observations

...

KiwiRail Call Out

...

Survey

...

Coastal Uplift

...

LIDAR Elevation Change (m) May2017-Nov2017

...

LIDAR Elevation Change (m) Nov2016-May2017

...

Hillshade LIDAR Nov2017

...

Hillshade LIDAR May2017

...

## Guide

Help documentation on using the 3D Self Serve

Get

Contains (limited) tools that can be used to manage data. Contact us for more.

Get

## Download

Latest spreadsheet of identified damages database, note download date on file name. Refer direct to RWM for photo/inspection notes (progress notes)

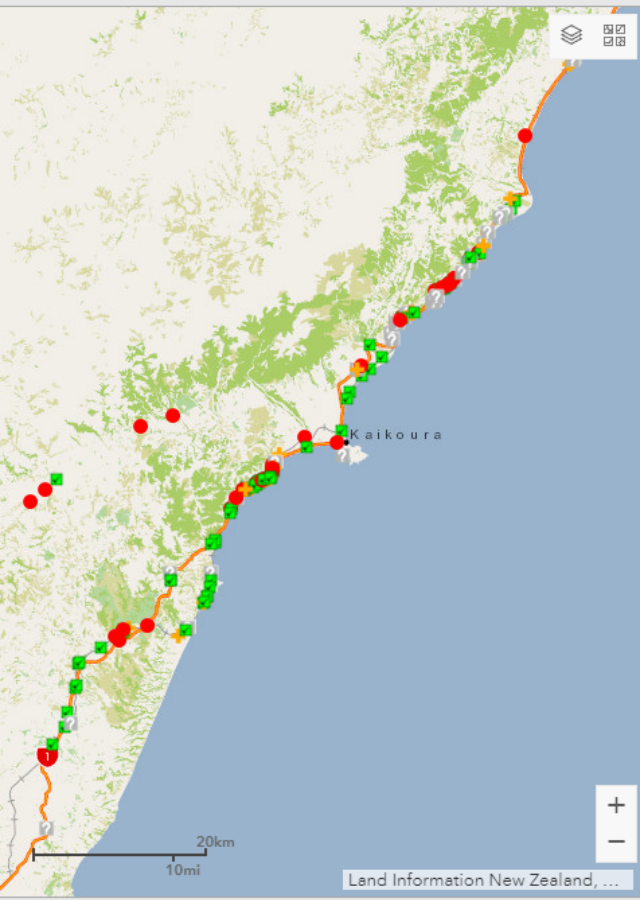
Get

GIS Landing Page

GIS Webviewer

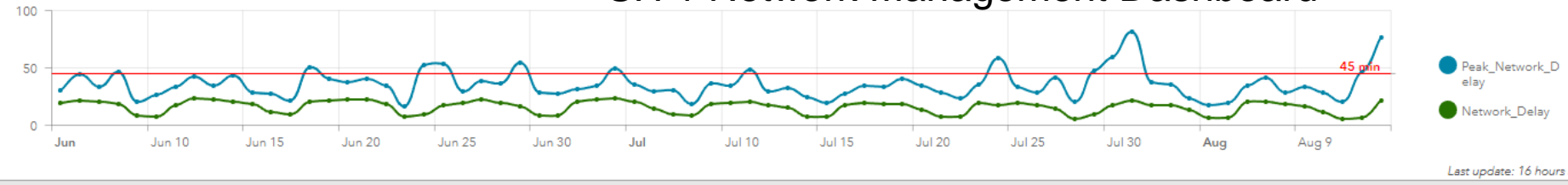
Zoom to

Sources from the LINZ Data Service

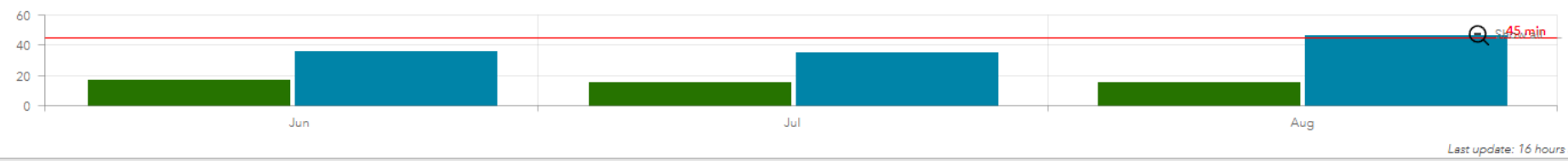


# SH 1 Network Management Dashboard

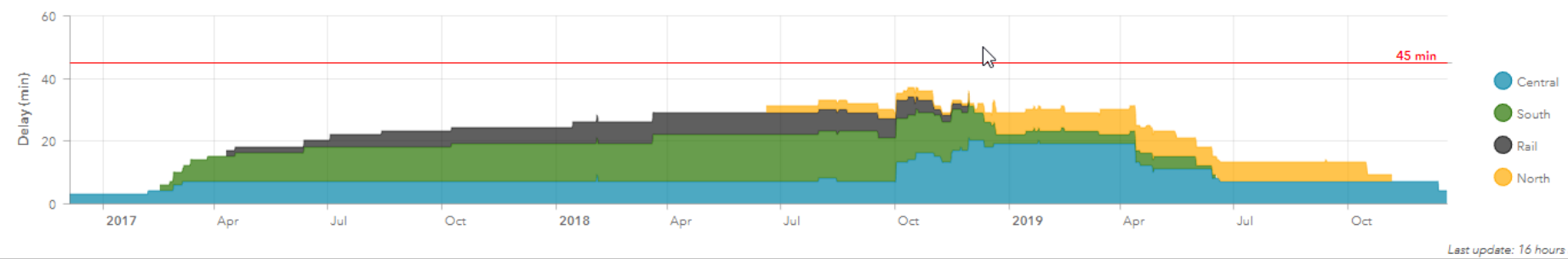
Measured Delay Summary (6am to 10pm both dir) (Updated everyday)



Measured Monthly Delay Summary (6am to 10pm both dir)



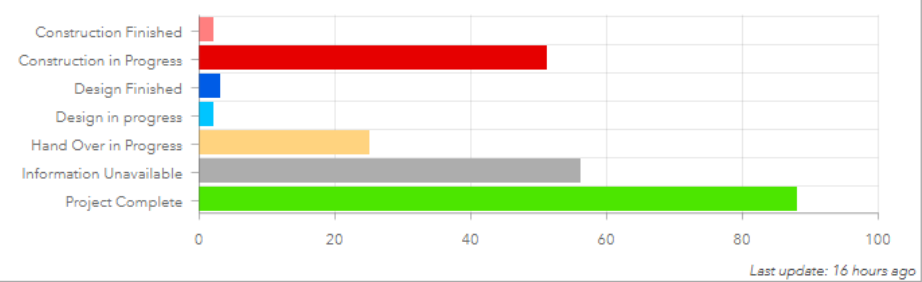
Predicted Delay



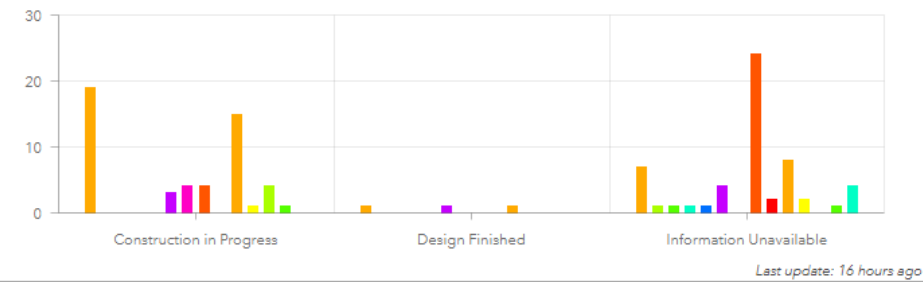
Project Points (Traffic Impact Only)

- Construction in Progress
- ✚ Hand Over in Progress
- 📄 Information Unavailable
- Project Complete

Number of Projects in each phase



Projects details on each phase



# Any Question?



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