



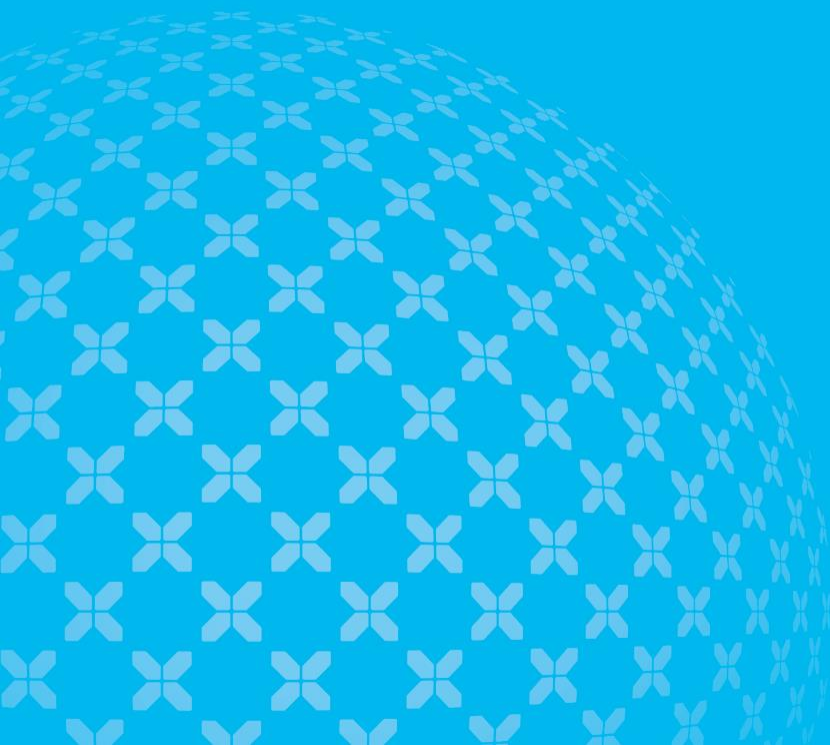
CRITCHLOW

NationalMap[®]

RELEASE NOTES OVERVIEW

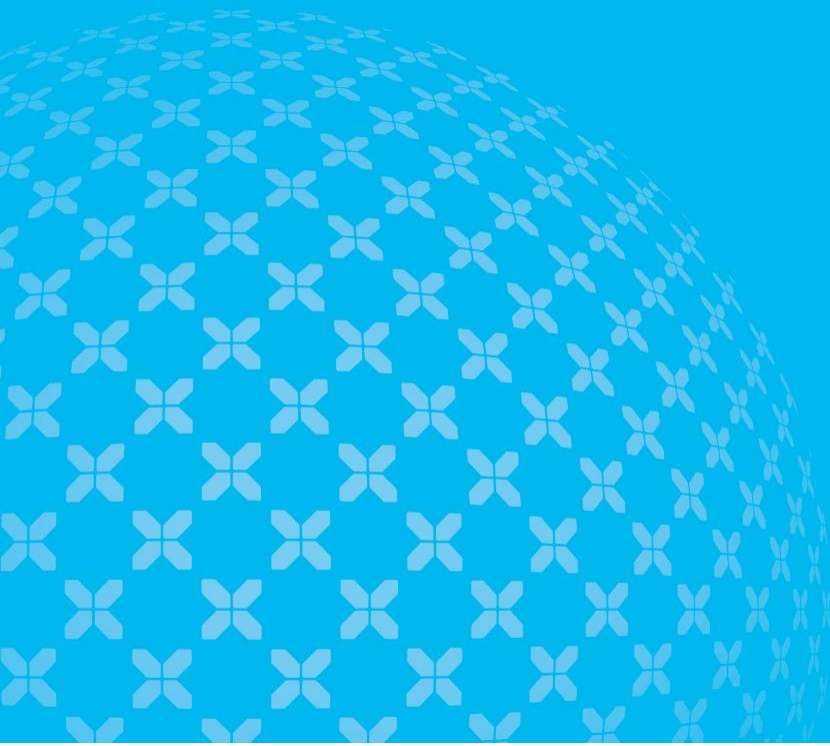
OCTOBER 2016

Over 80% of business data has a strong location element. This location content can unleash a great deal more potential than examining the data on its own.



The data in NationalMap is continuously reviewed and improved by our dedicated team of data analysts. They use various sources to improve and validate the data that is supplied to you.

The following section describes the changes and improvements we have made to NationalMap since the previous release.



WHAT'S NEW in October 2016 release

Features and Changes

Ongoing maintenance has seen a number of revisions to the data which goes into NationalMap. These include the addition of newly opened roads, ongoing positional accuracy improvements, and a review of cycleways, fords, and ferry routes; as well as updates to some POI (points of interest) categories.

Roads

As part of our ongoing maintenance, we are continuously reviewing our road network in conjunction with district and city councils, the NZTA, RAMM¹ Software Ltd, and LINZ. This process has resulted in considerable improvements in both road alignment and attribution.

From the previous NationalMap supply, we have carried out a number of reviews, most notably:

- A continuation of our positional accuracy improvement review project*. To now cover arterial roads for the entire country and all roads for the following local authority areas: Auckland, Tauranga, Western Bay of Plenty, Hamilton, Napier, New Plymouth, Whanganui, Palmerston North, Kapiti, Porirua, Upper Hutt, Lower Hutt, Wellington, Nelson, Christchurch, Waitaki, and Dunedin. This review includes:
 - Improved Junction geometry
 - Improved Real world alignment
 - Improved Network Connectivity
 - Improved Network routing attribution (one way roads and turn restrictions)

*It is planned to continue this review to the entire country over the next year targeting high density population areas and tourist areas first.

Change or alteration	From Apr 16 to Oct 16	From Oct 15 to Apr 16	From Apr 15 to Oct 15
Number of new roads	1312	1532	719
Number of roads with road name alterations	110	240	175
Number of roads with speed limit alterations	800	450	2350*
Number of roads with positional accuracy improvements	37950	22523	13750

Figure 1 Comparison of changes for the past three NationalMap deliveries

* This number is high because of a specific project to review all speeds

¹ Road Assessment and Maintenance Management



- School, Preschool, and Education

Access ways

A complete review of pedestrian access ways was carried out which resulted in the addition of 6070 (or 66km) of new access ways being added. This will greatly improve pedestrian navigation applications.



Figure 3 A new access way

Bridges

Bridges, supplied with the NM Routing add-on, have been reviewed. This resulted in the addition of 614 bridges and the updating of 1059.

Retail Areas

In conjunction with a major player in the retail real estate industry, a complete evaluation and rationalisation of the retail theme has seen a whole review of the Shop (or Retail Areas increased by 250) and Shopping Centres (increased by 25), and Shop Buildings tables. Also, the Shops table has been removed due to the feasibility of maintaining such a fast changing theme.



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