

# **A new Geodetic Strategic Direction for New Zealand**

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## **SUMMARY**

Land Information New Zealand is responsible for the provision of the geodetic system in New Zealand. At its simplest, positioning data tells us the precise location of points above, on or within the Earth. We provide an accurate geodetic system that enables geospatial datasets to be accurately integrated with each other. Historically there has been a strong focus on the provision of physical geodetic marks and data in support of the cadastral system in New Zealand. However with the increasing use of location based information and GNSS positioning systems by a wider range of users, we are changing our focus from the provision of vast networks of control points to the active maintenance of the models that define our datums. This will enable the development of new services that meet the positioning needs of users who do not want to just use coordinates. We are also placing a greater emphasis on supporting and maintaining global and regional reference frames which we in turn rely on to ensure accuracy of our geodetic system. This paper will describe the changing focus of the geodetic system in New Zealand and the new geodetic strategic direction.