



**Virtual reality:** Mount Cook in 3D, part of Geographx's maps of New Zealand.

# New Zealand measures 20 gigabytes

THE whole of New Zealand has been mapped in three dimensions to a resolution of 10 metres per pixel and saved to disk.

Wellington hi-tech mapping company Geographx and software firm K2VI will launch the map, which comprises 20 gigabytes of data, at a function at Te Papa this week.

K2VI's viewing software lets customers "fly" through virtual land-

scapes generated from New Zealand's 1:50,000 topographical database.

Geographx owner Roger Smith believes the 3D map may be a world first.

"I am not aware of any country that has been mapped to this level of detail in dynamic 3D."

The map is available in about 330 blocks of 1200 square kilometres, costing \$120, which can be seamlessly

joined together. "If you had a big enough computer you could load whole country."

The viewing software itself costs \$500 and there are discounts if a customer buys the entire data set.

The Defence Force is an early customer. Geographx is also targeting organisations responsible for emergency management, local authorities, planners and tourism operators.