

## Wireless Management & Communication: Carzalia Valley



### The Client

Carzalia Valley Produce is committed to the sweet onion industry and keeping pace with the ever-changing produce world while basing all decisions on the sound, family-oriented values used to establish this farm over four generations ago.

### The Brief

With disparate, disconnected systems, Carzalia was finding it increasingly difficult and costly to manage its farm operations.

### The Solution

The Next Version centralised communications across the farm. We installed a wireless wide area network (WAN) to facilitate communication between surveillance cameras, tractors, vehicles and subterranean irrigation facilities throughout Carzalia Valley's 5,000+ acre farm.

### The Results

Enhanced communication yields powerful results. Through delivering a central farm management console directly to vehicles of management personnel, the increase in the farm's security has directly translated into greater protection of the US food supply. Additionally, redundant physical trips to the field and irrigation facilities to adjust water flows and fertiliser mixes have been eliminated and Carzalia Valley has benefited from a 20% reduction in their overall cost of operations.