

# THE CLOUD (RUGBY WORLD CUP 2011)

AUCKLAND, NEW ZEALAND

HOSPITALITY

## AUCKLAND'S PARTY CENTRAL

Nearly two rugby fields in length (190 m), the government funded structure known as "The Cloud" is a purpose built entertainment facility, built exclusively for the 2011 Rugby World Cup for a price tag of 10 million dollars. Known in Auckland, New Zealand as the 2011 Rugby World Cup "Party Central", this venue is located on Auckland's Queen's Wharf where it will feature New Zealand fine food, wine, technology, fashion, art, design, and agriculture.

## PROJECT DETAILS

The Cloud is a temporary, re-locatable, tensioned membrane structure built using a combination of glass, steel, and PVC. This unique structure is air-conditioned by two temper zone PA4800 packaged air-conditioning units supplying tempered air into the sub-mezzanine bar and mezzanine VIP areas.

One challenge with this installation was to get the job completed within a short time frame as there was only a 2 month period from when the building frame was ready to the facility's opening day in September 2011. After the system was installed and operating, another challenge was maintaining the desired temperature setpoints in a building made mostly out of glass and PVC.

The Reliable Controls MACH-System installed in The Cloud is a standalone, web-based system that gives the end-user a simple, easy interface for scheduling the air-conditioning when events are held in the building.

To learn more about projects using Reliable Controls®, visit [www.reliablecontrols.com/projects/overview](http://www.reliablecontrols.com/projects/overview).



### PROJECT TYPE:

Retrofit

### INSTALLATION TYPE:

CO2 Monitoring, HVAC, Package Air Conditioning

### TOTAL AREA:

3,400 m<sup>2</sup> (37,000 ft<sup>2</sup>)

### EQUIPMENT INSTALLED:

1 MACH-ProWebSys™  
2 MACH-ProPoint™  
2 SPACE-Sensor™ Temperature

### NETWORK:

Internet

### TOTAL SYSTEM POINTS:

45 points

### RELIABLE CONTROLS® DEALER:

Callander Control

www.reliablecontrols.com