

iButton Electronic Whiteboard Champion Data



The Customer:

Champion Data is a privately owned Australian company providing sports statistics, analysis, research, content, and technology solutions to media and professional clients.

Their expertise is focused mainly on field sports such as cricket, soccer, rugby union, rugby league, and Australian Rules Football.

The Requirement:

Australian rules football Coaches currently use whiteboards to provide a visual representation of Player placement and match ups.

Champion Data wanted to collect this information in real time, with out having to key in the data, while maintaining the use of the Whiteboard visual effect.

The Solution:

UMD developed a special electronic whiteboard which uses iButton tags as players and fixed location readers (for player positions) A small microcontroller constantly polls these tags and outputs the positions via a USB computer interface.

By simply moving the player positions (iButton tags) the system automatically recorded the change.

Champion Data then collects this data for processing.

The Outcomes

The Electronic Whiteboard worked as expected and was almost operationally identical to what Coaches are used to.