



## CASE STUDY

## HALE SCHOOL CRAIG OVAL

Exterior Digital Scoreboard





# Hale School Digital Scoreboard

## Kicking Goals with Digital Scoreboards

### DIGITAL SCOREBOARDS FOR SCHOOLS

It's been a busy start to 2024 and it's fair to say the Yap!digital and Signs & Lines team has done it again! The Hale School Craig Oval scoreboard is the second of two digital scoreboard screens designed, fabricated, installed and commissioned with our trademark professionalism in early 2024.

### SCOREBOARD CRITERIA

Hale School was seeking to replace an existing static scoreboard with a larger digital screen to offer instant content and scoring for a range of sporting codes. It also wanted the option to play non-sports related videos to the school audience in a more cinematic style.

In addition to live scores, the brief required a scoreboard that could show video content, game replays, advertising links (to school coffee shops, merchandise, clubs etc) and promotional material relating to future events or fixtures.

The Scoreboard Software needed to support AFL, Cricket

and Athletics. Importantly it needed to be versatile and morph according to the code and season in the school calendar.

As always, our fully integrated service included full commissioning and training allowing staff to control the screen from a HQ base and anywhere on the field through a mobile app. Our technical support team provided content management advice, programming support at the outset and for personnel changes.

### PROJECT SNAPSHOT

Project: Craig Oval - School Digital Scoreboard  
Location: Wembley Downs, WA  
Environment: External  
Client: Hale School  
Date: October 2023 – February 2024  
Features: A single-sided LED digital scoreboard with associated design, manufacturing, installation, testing, commissioning, software training and AV works.







## SCOREBOARD SPECIFICS

In response to the brief from Hale School we proposed the scoreboard specifications would be a P8 SMD Outdoor Digital Sign with 6500nit. Our design team went to work to prepare architectural shop drawings once the Building Permit was confirmed.

The new screen measured 7m (w) by 2.8m (h) - giving a larger scoreboard than the static version. Our in-house fabrication team prepared the steel sub-frame and cleats to support the digital cabinets. It was manufactured from Duragalv steel and then painted to match a Cool Grey colour.

The P8 tiles were designed in 3 layers – 21 in total with a viewing area of almost 20m<sup>2</sup>. As part of our test philosophy, we assembled the screens in our factory with all 21 LED modules for QA checks.

The existing reinforced concrete footings were utilised, and electrical cabling was bought to the site location by specialist electrical contractors.

Once satisfied that all the modules fitted together perfectly just like a large Lego project, we QA checked the image quality, and once all was perfect, we transported the structure to site in one piece using a hiab.

## SITE WORKS - A THREE PHASE PROCESS

### Phase 1

Our project manager produced a dilapidation report prior to any site works to ensure that the site condition was fully reported on from the outset. Full liaison with the school and electricians prior to attending site was part of the planning process to ensure a smooth process during installation.

### Phase 2

With an old static scoreboard already in place, our brief included demolition of the existing scoreboard including disconnection of power and removal of old sign faces. Prior to any activity safety barricading were set up to delineate the hiab and cherry picker work area.

We then carefully dismantled the old sign components onto a sheet of 10mm MDF to protect the ground. These were removed from site for recycling and disposal.

### Phase 3

Prior to putting the new screen in place, the team carefully removed a shade roof on the existing structure. This was reinstalled once the new scoreboard was in place.

During phase 3 we installed the new structural steel framework with LED panels. The hiab lifted the frame and

modules in one piece into position.

This included attaching electrical control cabinets and connecting wiring harnesses. In addition we supplied a media player and video processor with warranties to offer peace of mind.

Once wired we commissioned the screen and made further QA checks. Job done!

## PEACE OF MIND - SPARE PARTS & WARRANTIES

As is typical with digital signage project, as an integral part of our turnkey service we offer peace of mind through a spare parts and warranty package.

A spare parts package can be either managed by us or by the client. This allows for any technical faults of the screen to have local spare back-ups in the event of malfunction. Technical support for content management post installation is part of our service. This can either be provided via a Service Level Agreement (SLA) or on an 'as needed' basis.



## PWHY USE A DIGITAL SCOREBOARD?

The Yap!digital team designs and manufactures sophisticated LED scoreboard solutions for sporting clubs, venues, university and schools. The multi-purpose scoreboards are designed to function at different levels, with technology led solutions allowing for:-

- live feeds of games;
- a high level of spectator experience;
- video content or movies;
- score updates;
- advertising;
- high quality display content - sky's the limit;
- opportunity to better monetise the audience via ads;
- sponsorship messages;
- live action replays.

## THE NITTY GRITTY!

All digital scoreboards come with the latest microprocessor electronic display technology, and are built with an impressive, fabricated sub-structure. This can either be 2 pac spray painted or powder coated to withstand the elements for up to 10 years. The modules and enclosures are vandal resistant. Designs are carefully prepared to allow for easy servicing, tech reviews and cleaning.

Our digital scoreboard products are extremely reliable and visible in all conditions due to the high quality LED's. Using an automatic daylight adjuster can brighten or dull the scoreboard, making displays ultra visible whenever the scoreboard is in use. A digital scoreboard can be controlled via mobile phone apps, laptop programs or dedicated wireless handheld controllers, depending on requirements and type of scoreboard.

## THE FINAL WRAP

Moving from static billboards into digital scoreboards opens up new avenues for your players and spectators. The great news for those shopping around for outdoor digital signage scoreboards is that we are here to do the hard work! We do the thinking for you. Our turnkey digital project solution will give you a non-biased recommendation. We are not affiliated to any brands which gives us maximum flexibility to design a solution based on the technology that fits your requirements the best.

Our Yap!digital team will also bring you their experience of static and digital signage solutions will ensure that your customers and users have an outstanding experience next time they visit you.





We're ready to start talking!  
Speak up now about your next project or idea.

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