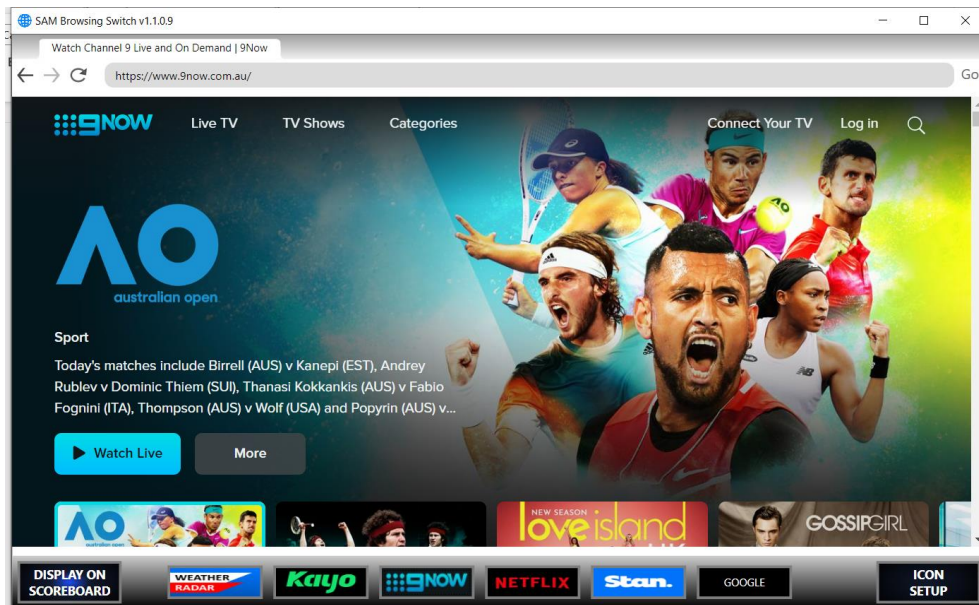


PLAYING MOVIES

On Your Scoreboard



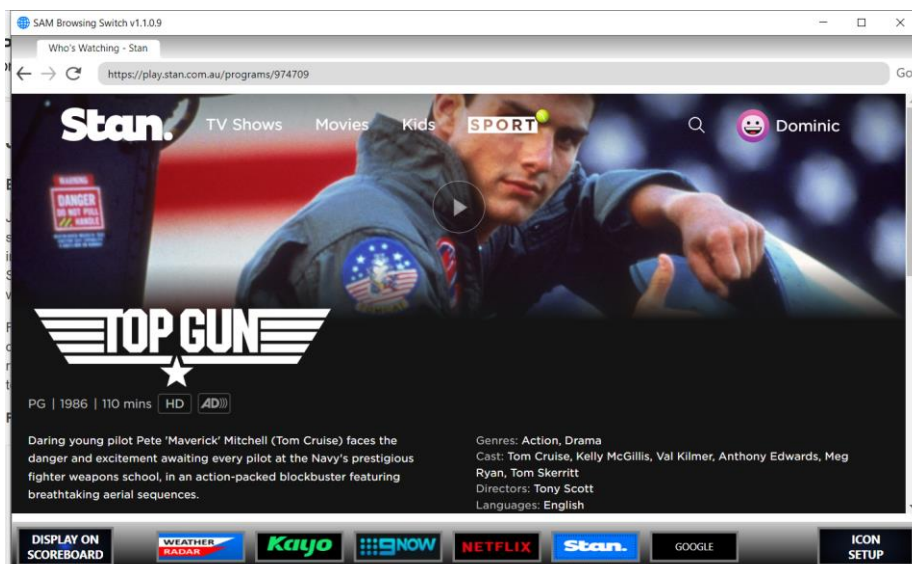
Revision: R1

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NF Communications**NFCOMMS**

1 Introduction

You can play movies and videos and streaming services on your electronic scoreboard.

The NFcomms electronic scoreboard is basically a second monitor attached to the controlling Laptop, and so anything that can be displayed on the laptop's second monitor can be played on the Scoreboard Screen, including game scores, DVD movies and streaming content, such as Netflix, Stan, Youtube and Digital TV. You can even show the Boxing Day Test or the Tennis*.



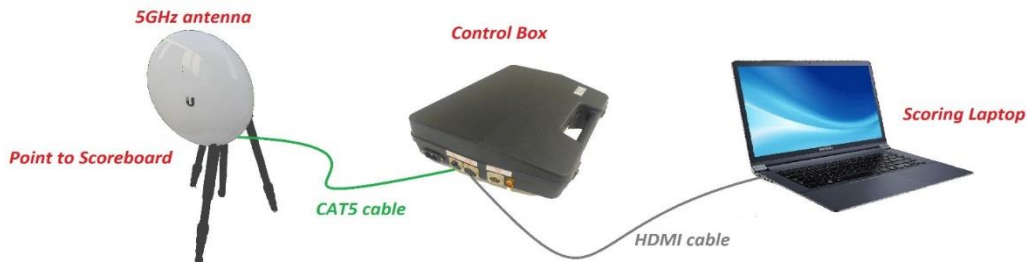
*Note that some content may have copyright restrictions and it may be necessary to get permission from the copyright owner to show the content on the Scoreboard if it is not considered a private viewing.

2 Setup

2.1 Laptop Connection

Connect the Laptop to the scoreboard as usual.

Some Laptops are connected using a Fibre Optic Link, and others are connected using NFComms’ high-capacity radio link, as shown below and detailed in document **DM0510 Scoreboard Setup**.



2.2 Audio

Showing a video is not complete without audio.

If your scoreboard has attached speakers, there’s nothing else to setup – the HDMI signal that is sent to the scoreboard contains video and audio signals which are seamlessly extracted at the scoreboard.

If your scoreboard does not have attached speakers, the Control Box connected to the Laptop has Balanced and Unbalanced audio outputs that can be connected to a sound system or powered speaker(s).



2.3 Brightness

Sometimes a movie may be played in the evening, and the brightness will need to be reduced. With Microsoft’s Windows, the laptop’s normal screen brightness control buttons only affect the Laptop’s screen and not the Scoreboard.

Some Scoreboard installations have automatic brightness control.

If the scoreboard does not have automatic brightness control, a software utility called **PangoBright** can be used to control the brightness of the Scoreboard. This utility may already be installed on the Laptop – press the Pango “P” button on the Laptop’s System Tray, and select the Scoreboard monitor.



3 Playing Media

3.1 DVDs and Media Files

DVDs, BlueRay and Media files (eg .avi, .mov and .wmv) can be displayed on the Scoreboard screen.

Use the NFcomms Utility **Scoreboard Media Player**. This Utility allows you to select a DVD or Blu-ray disc from the Laptop's DVD player, or select a media file.



If the Laptop does not have an internal DVD/BlueRay player, an external player must be purchased and connected to a USB port.

Many types of media file can be played using the SMP utility.

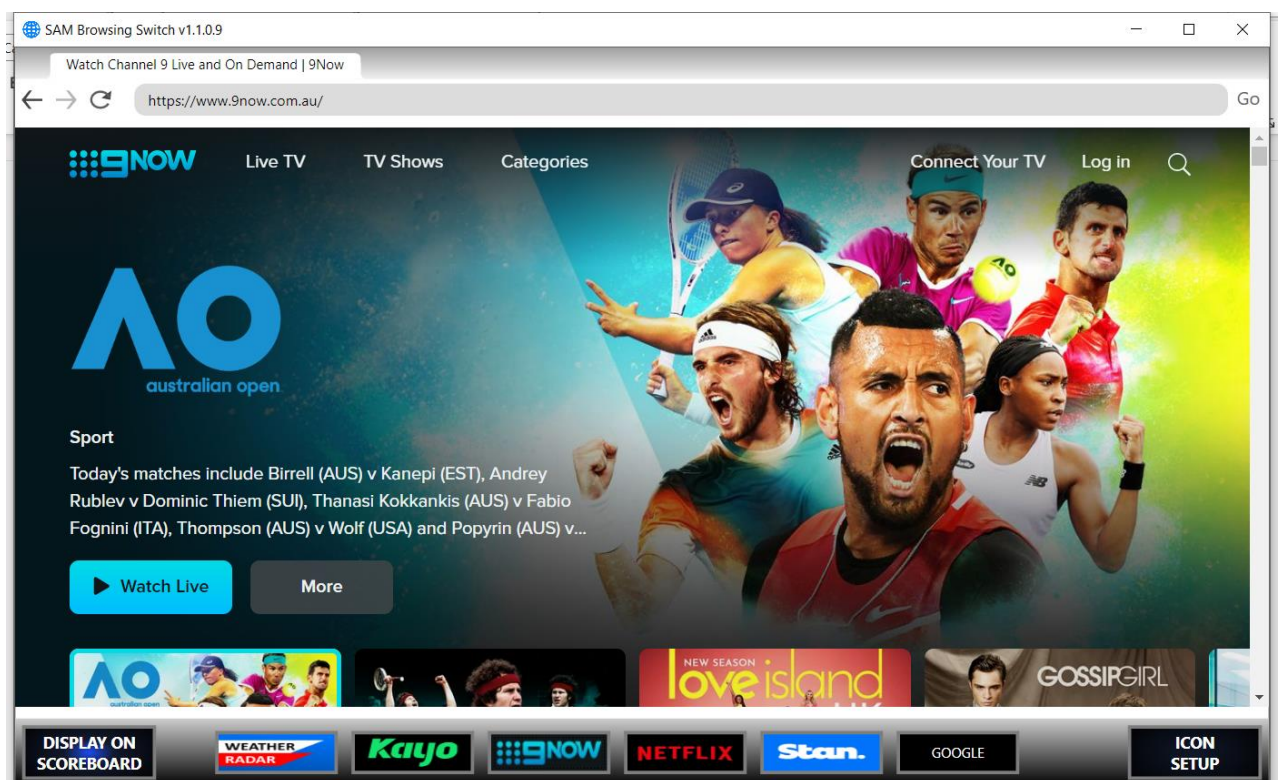
3.2 Streaming

The content from Streaming services such as Netflix, Stan, Prime, AppleTV, Youtube and live Digital TV streaming services such as Seven Plus and Nine Now, can be played on the Scoreboard Screen. For example, live Cricket and live Tennis from the Australian Open can be played on the Scoreboard Screen.

Run the NFcomms Application SAM Browsing Switch to select and display the streaming service.



Note that an internet connection and subscription to the services are required to run this application.



3.3 Controlling SAM Browsing Switch

- Start **SAM Browsing Switch** and select the Streaming Service from the list of icons along the bottom. If the required Streaming service Icon is not shown, a new Icon can be created using the **Icon Setup** button.
- Use the current screen on the Laptop to login to the service and select the desired streaming content.
- When the Streaming content is showing on the Laptop, press the **Display on Scoreboard** button to transfer the display to the Scoreboard screen.
- Sometimes the display position on the Scoreboard may not be ideal, so press the **Adjust** button to fine tune the position on the Scoreboard screen.
- To revert control of the Streaming service back the Laptop's screen, press the **Display on Desktop** button.

