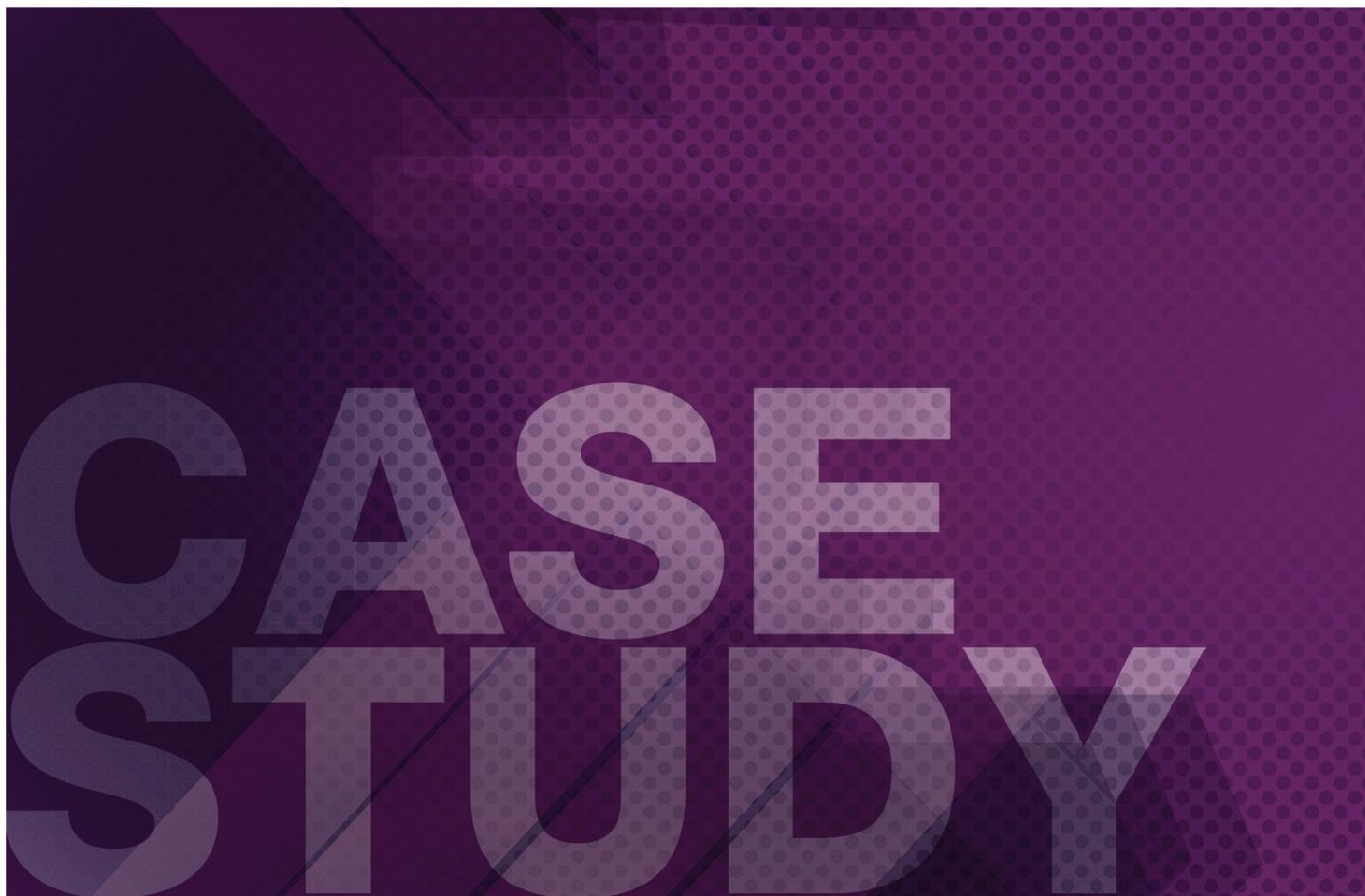




---

## **Nine Network Australia** Kayenne streamlines production at Nine Network Australia for a variety of program types

---



### **CUSTOMER**

**Nine Network Australia**

### **APPLICATION**

Live, back-to-back news and news magazine programming

## Background

You'll have to excuse Gary Newnham, Video Switcher Director at Nine Network Australia, if he's partial to video production switchers from Grass Valley, a Belden Brand. After using them for 24 years, he's literally grown up on them — professionally of course, and loves working on them.

In January 2011, his employer for all of those 24 years — Nine Network Australia, more commonly known as Channel Nine — built a new on-air control room, as well as a smaller pre-production control room within its main production facility (in Melbourne) to support its live newscasts and *A Current Affair* magazine-style news show. Since these are the most popular programs on the network, and Newnham knows his way around a production workflow, the new facilities obviously include a Grass Valley Kayenne production switcher.

Newnham said, all favoritism aside, they chose the Kayenne due to its flexibility to set up and save parameters for specific programs and then recall them instantly. That's exactly what they are now doing with the live, half-hour newscast that airs seven days a week, at 6:00 p.m., immediately followed by the live, half-hour *A Current Affair*, at 6:30 p.m., Monday through Friday. It all comes from the same control room.

"The equipment we installed has to stand up to this demanding, back-to-back schedule and never miss a beat," said Newnham. "For all the years that I have sat behind a Grass Valley switcher making television, I have always felt confident that the equipment would never let me down. From the robust feel of the buttons and the classic Grass Valley T-bar faders to the ease of use and reliability, I have always enjoyed using Grass Valley switchers."

That being said, before making any decisions on a new switcher, the engineering staff at Nine Network Australia conducted the proper due diligence and researched four other manufacturers' products, just to be sure they were making the right decision.

Newnham sat down and played with the new Kayenne at several trade shows and it had instant visual appeal for him. With its RGB buttons, OLED displays, and ergonomic design, it looked ready to take on the 21st century. The main control room's output is live to air using a technical director (although in Australia they call them "switcher directors"), so the Kayenne's renowned reliable and user-friendly control panel more than fit the application.

## Application

While the majority of the inputs passing through the Kayenne are HD, they are also using the switcher's SetDef feature, which allows them to work with a mix of video formats within the same production, and to feed two auxiliary outputs for SD studio floor monitors.

Faced with the need to switch between two live news programs without a break — and with both programs wanting to maintain flexibility — they use the Kayenne's internal Panel Memory with multiple Macro displays.

The ability to clearly label Macro buttons and switch between Panel Memories means that their TDs are able to concentrate on the product output rather than what needs to be done with the switcher. For Newnham, the task defined the tool—the tool did not define the task.



"Now that we've used the Kayenne in live production for several months, we couldn't be happier."

Gary Newnham, Senior Director, Nine Network

## CASE STUDY NINE NETWORK AUSTRALIA

With the Kayenne, they can now easily switch to a completely different panel setup of fully programmed mnemonics, macros, and E-MEMs over the course of a very short bumper and station ID break to match the on-air requirements of the next program.

Among the many new features that the Kayenne contains, the one that has made a big difference to Nine Network's operations is having multiple levels of macro OLED displays and saving them as Panel E-MEMs. This means that as the TD selects macros during the first program, he is also setting the macro display for the next program.

Another important factor for them is the ease of use and the minimal amount of training required once they installed the Kayenne. Nine Networks currently has five TDs using the switcher. These TDs each have varying experience, from two to 24 years. All five took very little time to become comfortable using the Kayenne.

"I have been switching TV since 1987 and have used a few different Grass Valley switchers over the course of that time," said Newnham. "I started using the Model 1600, and then spent many years on the model 300 producing our news programs. In 1994, we installed a Grass Valley 4000 switcher in our main control room and I spent many hours a week sitting behind that desk until it was decommissioned 15 years later, in 2009. The model 4000 was a very reliable switcher for us and we pushed it to its limits on many occasions."

Now, with the new Kayenne, Newnham said he and his staff feel like the production possibilities now available to them are limitless. They have been testing a number of new types of shows and, he said, the production values for the current programs have improved significantly.

After 24 years, with the help of Grass Valley video switching technology, Newnham has learned his studio production lessons well.



"Among the many new features that the Kayenne contains, the one that has made a big difference to our operations is having multiple levels of macro OLED displays and saving them as Panel E-MEMs."

Gary Newnham, Senior Director, Nine Network



[WWW.GRASSVALLEY.COM](http://WWW.GRASSVALLEY.COM)

Join the Conversation at [GrassValleyLive](#) on Facebook, Twitter, YouTube and [Grass Valley - A Belden Brand](#) on LinkedIn.



[www.grassvalley.com/blog](http://www.grassvalley.com/blog)

This product may be protected by one or more patents. For further information, please visit: [www.grassvalley.com/patents](http://www.grassvalley.com/patents).

Belden®, Belden Sending All The Right Signals®, the Belden logo, Grass Valley® and the Grass Valley logo are trademarks or registered trademarks of Belden Inc. or its affiliated companies in the United States and other jurisdictions. Grass Valley products listed above are trademarks or registered trademarks of Belden Inc., GVBB Holdings S.A.R.L. or Grass Valley Canada. Belden Inc., GVBB Holdings S.A.R.L., Grass Valley Canada and other parties may also have trademark rights in other terms used herein.

Copyright © 2014, 2019 Grass Valley Canada. All rights reserved. Specifications subject to change without notice.