CASE STUDY:

GOVERNMENT DEPARTMENT'S FOREST FIRES HELICOPTER DEPLOYMENT TRAINING IMPROVED WITH WAVE VMS

ISSUE:

Australian Government Department, Forest Fire Management Victoria (FFMVic), undertake specialised remote bushfire management tactics to manage the state's bushfire risk. This includes rappelling firefights out of helicopters and into remote Australian bushland.

Training and preparation to undertake these specialised dry firefighting techniques is paramount for the success of the program and ensures staff remain safe while conducting high risk activities, including being deployed via helicopter.

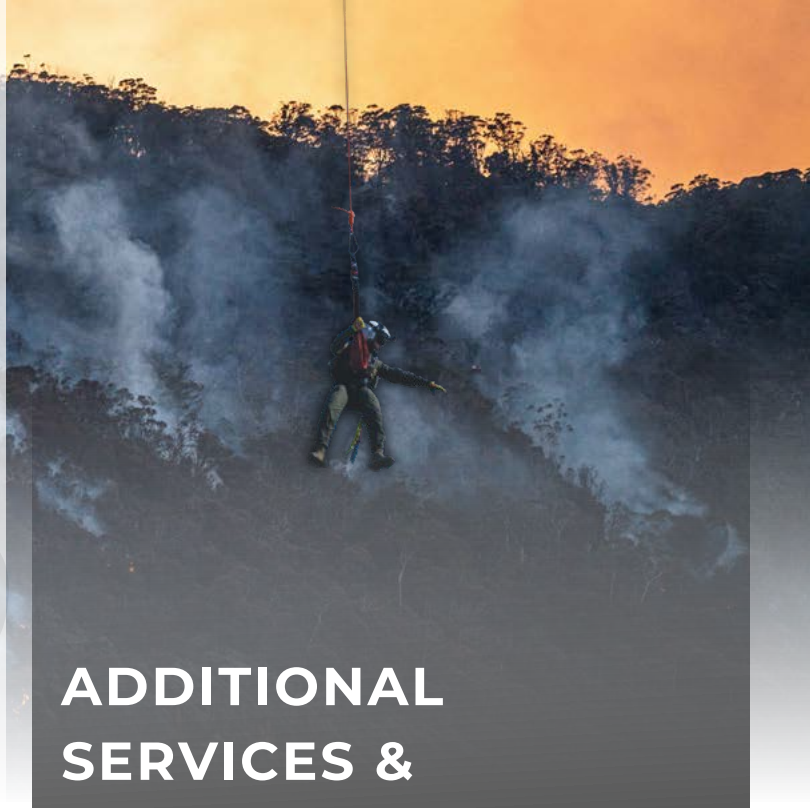
To better prepare staff, FFMVic utilise a specialised training facility with a purpose-built 15-meter tower equipped with a series of cameras that can closely monitor firefighters' actions while undertaking training drills.

They required a video management solution that would assist in recording and reviewing staff training drills from the tower's multiple cameras to pinpoint areas for improvement.

SECURITY INTEGRATOR:

As a security business who services government and commercial sectors, the team at Oliver-Ramsay Security were able to propose a solution that would enable FFMVic to review footage quickly and effectively.

Oliver Ramsay Security's technical understanding of the unique requirements for this project led the team to propose a solution that would be easy to operate for the FFMVic team and would provide a responsive and reliable review method that could be utilised on site, during training as well as after.



SOLUTION:

"Naturally we looked to WAVE as the answer for this project – it's a lightweight and responsive video management software that can stream multiple cameras in a single screen. Based on our previous successes with this VMS program, we were confident that the FFMVic team could easily capture and review their team's training drills from every angle," Brett Lumley, Technician with Oliver-Ramsay said.

With WAVE's ability to receive OMVIF feeds from multiple IP cameras, FFMVic were able to utilise their existing camera network infrastructure as WAVE does not require a specific brand of cameras to operate. This saved both time and costs for FFMVic, as the software could be quickly deployed and would not impact training activities during deployment.

EQUIPMENT UTILISED:

Turret Cameras: With four strategically placed turret cameras already present on the purpose-built, 15-metre tall training tower, the ability to receive feeds from these devices without the need for them to be replaced was paramount. The four camera locations were determined to capture key actions during training drills and did not need to be moved as part of this solution.

WISENET WAVE LICENSES: Enabling all cameras to be seamlessly viewed in a single customisable screen, this light-weight software has been powerful enough to manage the livestreaming and playback of training drills, without being processor intensive. Being user-friendly and easy to operate for training personnel and FFMVic staff, WAVE continues to meet the key requirements of the brief for this project.

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ADDITIONAL SERVICES & BENEFITS:

Working with GSA Systems as their security distributor, Oliver-Ramsay, and their client FFMVic, remain assured that support is only ever a phone call or email away. With GSA's local, Australian-based technical team available to help, any updates or troubleshooting required has be remotely managed and resolved without significant disruption or physical labour hours - saving both the integrator and end user, time and money.

OUTCOME:

The overall solution has been a success, with FFMVic noting clear improvements in training delivery and outcomes for their team since WAVE's deployment. FFMVic have also reported that the system is easy to operate and has provided them with a key tool that aids in pinpointing areas of improvement for staff in record time due to the ease of playback features and the customisable layout of the interface.

With updates regularly released as standard, the improvements in the system's performance continue to be implemented without the need for costly updates or upgrades, ensuring the solution remains the best choice for the end user's needs.