



Next Generation Technologies brings together world leading insights and solutions to help customers succeed. Working with customers across Australia, we understand the critical requirements for the protection of people and assets.

Overview

In January 2016, the City of South Perth required surveillance of the fireworks area by the Swan River in the lead up to the Australia Day fireworks display.

Solution

Next Generation Technologies provided the MU3000 - a solar powered mobile CCTV unit.

Engineered and manufactured by Next Generation Technologies, the MU3000 was set up at Sir James Mitchell Park in South Perth where cameras monitored the area for three days leading up to the fireworks display.

Solar panels powered cameras, storage and communications negating the requirement for generators, power cables or permanent infrastructure. In the event of overcast conditions, the MU3000's battery back-up was available to provide continual operation for up to seven days.

Value Adding

The remote control functionality of the MU3000 enabled the City of South Perth to log into the CCTV system via laptops, tablets and mobile phones to view and control cameras.

High definition PTZ cameras were mounted onto the top of the hydraulically operated rotatable mast which offered a 360° view. Image stabilisation on the cameras meant that any vibration from wind on the solar panels was suppressed for high quality images day and night.

Due to the publically accessible area, the solar panels were mounted out of reach approximately half way up the mast and clear of lower obstructions to the sun such as vehicles and mid-sized trees.

Dene Lawrence from the City of South Perth said: *"The CCTV trailer was very easy to set up and use, and was deployed in a matter of minutes by only one person. Remote login via 4G meant that live images were readily accessible 24-hours a day from anywhere with phone coverage. We plan to utilise more of these units in the future for our outdoor public events."*

Award Winning

In July 2016, the National Electrical and Communications Association (NECA) WA awarded a Certificate of Commendation for the Energy Efficiency of the City of South Perth Mobile Solar Unit – CCTV.

For more information

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