



# PROJECT SNAPSHOT

TOXFREE IMPROVE SAFETY THROUGH CONFINED SPACE  
I-WATCH SURVEILLANCE SYSTEM

## The issue

Confined space work can be a routine daily event within Toxfree. Services that are provided by Toxfree that require confined space works include our drain cleaning and tank cleaning services. Confined space entry is one of the most hazardous tasks in workplaces and Toxfree workers took the initiative to introduce the i-Watch Surveillance System and increase safety.

## The solution

The i-Watch Surveillance system utilises a specially adapted high definition digital video camera with Wi-Fi capability to monitor the movements of operators within confined spaces. The video camera is mounted on the Operator's helmet or chest and footage of the confined space is sent via Wi-Fi to a tablet being monitored by the sentry on the outside of the confined space. The camera is light weight and compact so it doesn't contribute to a handling hazard.

## The outcome

The GoPro cameras are a highly efficient and cost effective tool. The implementation of the i-Watch Surveillance System has had a positive impact on health and safety as it highlighted management's commitment to safety in acknowledging safety initiatives put forward by staff. The flow on effect has also seen positive improvement within the risk management and hazard identification processes. Real time footage transmitted to smart phones or tablets allows greater involvement from all operators and customers.

