

Attention Facility Managers! Why Drone Technology Could Spare You Nightmares.

Unmanned Aerial Vehicles (UAVs), aka drones, were used as military devices for more than a century. However, in recent years, they made their entrance into a wide range of industries, such as agriculture, the building industry, or facility and asset management. Limited access and hazardous areas often prevented personnel in gathering critical data.

For Facility Managers of government buildings, office towers, hospitals, museums, or strata buildings, the drone technology could solve some of their biggest problems. It's no secret that neglected damage leads to gradual decline and can become a major issue eventually. As a consequence, expensive remedial work is required.

Daniel Caruana, CEO of Danrae Waterproofing, instantly saw the advantages for his business and the opportunity to offer added value to his customers by embracing the innovative drone technology. Plus, customers do not need to make any additional investments to gain the benefits from this service.

"As far as I know, we are the only waterproofing company, which incorporates drones into their services. We started using them to provide our customers with a preventive measure for maintenance," he explains.

The drones are an effective method of regular maintenance, as they can capture high-resolution images and videos from areas of buildings that are

hard to access or vast – a 30,000-sqm roof, for example; at the same time, they minimise risks for personnel, improve inspection methods and reduce costs for the facility manager.

Daniel admits that there is some education work to do. *"Drones are still relatively new in our industry, so our primary focus is on prevention. Danrae offers free training at our customers' premises and explain to them all the issues that can occur and how regular monitoring is much cheaper in the long run than being reactive."*

Once a customer has adopted the new technology, all they have to do is log on to a secure web server, where Daniel's team has uploaded a detailed map consisting of a series of high-resolution images the drone has taken of their property. With this on hand, the customer can make an informed decision and schedule any repair work. Depending on the age of the property and the facility manager's requirements, Danrae Waterproofing recommends half-yearly building inspections.

Interested in learning more? Contact Daniel Caruana at Danrae Waterproofing on 1300 326 723.



More than 80% of building defects are caused by waterproofing problems.

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