

HOW AERIAL IMAGERY CHANGES FRONTLINE POLICING

FEATURING CUSTOMER
STORIES FROM CHICAGO PD
AND QUEENSLAND POLICE



Captured: 17/12/2019
Melbourne West Police Station, VIC

A call comes through on the emergency line, one of thousands every day. A dispatcher receives and transmits the caller's geolocation to responders, along with aerial imagery that can be zoomed down to the Chicago streetscape, for checking access for emergency services and identifying potential hazards. Meanwhile, on the other side of the globe, the same technology helps detectives in Brisbane in a missing persons case, to determine the search area and deploy resources. This is law enforcement in 2020 - and it's making a difference.

Back in 2016, Chicago's rocketing murder rate made it one of the deadliest places in America. Today it's one of a number of police departments around the world that has reduced its crime rate by integrating the technology of Australian aerial mapping company Nearmap.

nearmap 

USE CASE: 1

CHICAGO PD



780KM²
AREA COVERAGE



14,000
POLICE OFFICERS WITH ACCESS



1/3
DECLINE IN MURDER RATE

CHALLENGE: IMPROVE RESPONSE TIMES AND MINIMISE RISK TO OFFICERS

Chicago police, the second largest police force in America (after New York), combined Nearmap with its existing GIS three years ago to pull exact mapping data on every emergency call location in the city (an area of 780km²), speeding up response times and giving first responders an instant sense of the environment they were walking into. The same data is used to scout locations for crime cameras and is available to all of the city's 14,000 police officers. Nearmap combines with other software and data sets from property tax and event management, allowing a high degree of 'predictive policing'. The result is a murder rate that has declined by over a third in four years.

USE CASE: 2 QUEENSLAND POLICE

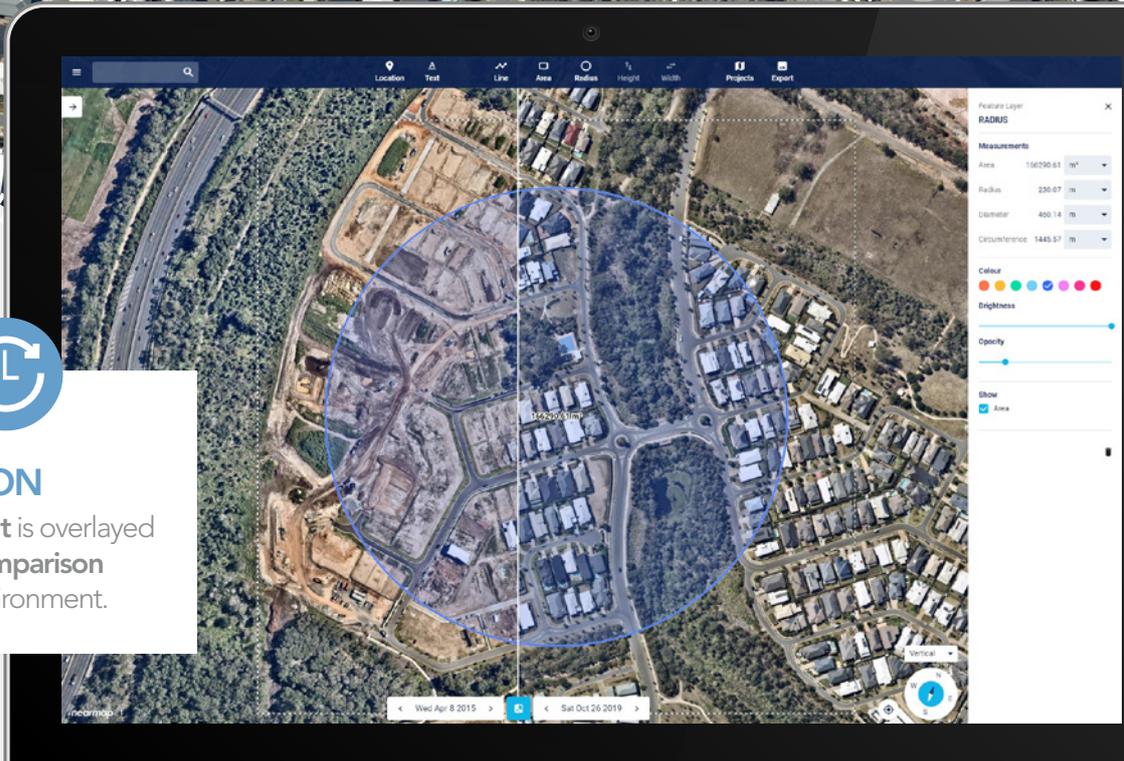


Captured: 26/10/2019
Brisbane, QLD



NEARMAP IN ACTION

A radius area measurement is overlaid onto a split screen date comparison view for monitoring the environment.



CHALLENGE: IMPROVE OPERATION TIMES

Detectives used Nearmap to perform predictive radius mapping to locate the body of a missing man in rough terrain in less than 24 hours. They determined an optimum search area quickly and gave State Emergency Service teams the most accurate information available on ground conditions to deploy appropriate resources. Similarly, police in charge of dignitaries routes used Nearmap to cut the time needed to rule out potential 'line of sight' risks, normally conducted by door-to-door patrols. In another example, the body of a murder victim was located with the aid of Nearmap historic imagery. Comparisons across a range of previously photographed dates cut down search areas around newly developed housing.

ABOUT NEARMAP

Founded in Perth and headquartered in Sydney, Nearmap is an ASX-listed 'deep tech' pioneer supplying aerial imagery from across Australia, Canada, New Zealand and the U.S. Nearmap provides vertical and oblique imagery, 3D content and derived location data.

Whether serving high risk warrants, planning crowd control and road closures, or assisting emergency response, world-class aerial imagery from Nearmap provides decision-supporting detail that is reliably up-to-date, and instantly accessible.

Nearmap renders an 80 per cent higher resolution (7.5cm per pixel) than satellite mapping and matches urban terrain to scale, allowing accurate measurements of structures remotely, from the pitch of a roof to the height of a skyscraper.

The company uses its own proprietary camera technology to achieve high-resolution captures. Regular surveys cover 89 per cent of Australia's population with major centres surveyed up to 6x per year to ensure relevant location intelligence.

Constantly updated and available as-a-Service, Nearmap is the preferred option for large and small businesses, government organisations and a fingertip tool for progressive law enforcement agencies around the world.

Captured: 28/02/2020
Melbourne, VIC



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