



www.aoc.co.za/pictometry | info@aoc.co.za

Introducing Pictometry – a revolutionary information system that lets you see up to 12 different views of every square metre in your area of operations. With only minutes of training you can find, view, or analyse any building, house, intersection, signpost or other feature in your area. Knowing what to expect before you arrive will help save

time, resources and lives. Within each image you can measure distances, heights and areas for preplanning your responses. Pictometry’s high-resolution oblique (viewed from a 45 degree angle) and orthogonal (straight down) images give you the edge in knowing what to expect before you arrive on the scene.

KEY APPLICATIONS FOR EMERGENCY SERVICES

- Measure height, length and distances of major structures and buildings
- Zoom to inspect structural composition, roof layout and access points
- Designate and annotate potential evacuation areas
- Locate water sources and hydrants
- Measure height to window and floor level of high rise buildings
- See into shadows, utility lines and other obstacles that might impair equipment operation
- View location accessibility
- Analysis and planning of vulnerable infrastructure and utilities
- Export images and send to field units in real time
- Identify key items by overlaying GIS data
- Accident reconstruction
- Pre-emptive and concurrent incident planning
- Determine helicopter landing areas
- Set safety zones

KEY APPLICATIONS FOR LAW ENFORCEMENT

- Search, raid, and seizure planning
- Position surveillance operations
- Identify staging areas
- Crowd control and evacuation
- Traffic control analysis, planning and routing
- Pictorial references for court presentations
- Land/air coordination in search and rescue efforts
- Set up foot chase/crime-in-progress perimeters in seconds
- Turn night into day and winter into spring, see into shadows
- Supply mobile and field units with up to date imagery to view on the way to the scene



Using Pictometry in tactical response and planning



An orthogonal (straight down) image of a building



Using Pictometry for a Fire Emergency

KEY APPLICATIONS FOR EMS

- Instantly view multiple images of caller location at time of call
- With the click-of-a-mouse see alternate traffic routes to incidents with digital images of your entire area
- Save time eliminating guesswork by knowing and routing first response crews to true location of incidents
- View each address from multiple angles for entry and escape points
- Save critical time by preplanning best responses for crimes in progress, fires and vehicle accidents
- Monitor foot chases through visual clues and provide assistance to officers on the scene
- Coordinate responses for major structures and facilities
- Measure height, length and width of buildings as well as distances to resources and rescue assets
- Evaluate sites for obstacles that might not be seen at night such as power lines, trees or other obstructions
- Provide remote guidance to first response crews on potential dangers to neighbouring structures or populations
- Plan for evacuation routes and traffic control



FEATURES

- Oblique aerial images of your entire area
- Know before you go
- Open architecture
- Multiple images per address
- High-resolution daytime images
- Intuitive user interface
- Renewable image libraries
- Share and annotate images for Emergency operators, in multiple operations centres
- Overlay data directly on images – such as measurements, diagrams, and other planning annotations

BENEFITS

- Enables instant recognition of call locations for faster responses
- Saves valuable time by providing Emergency Services and first responders a wealth of site-specific information on the incident area before they arrive on the scene
- Leverages investments in third-party information systems such as GIS, call-taker and dispatcher technologies with complementary images
- Provides abundant views for planning roadblocks, surveillance operations, remote field command locations, equipment staging areas, entries and exits
- Illuminates incident area by turning night into day, helping to prevent injury or delay from unseen obstacles that might not be apparent at night or from straight down (orthogonal) photos
- Shortens learning curve – anyone can quickly learn to run the system
- Maintains accurate, up-to-date images on all properties, roads and new developments
- Improves coordinated responses for public safety and security applications
- Ensures deployment matches the situation

Know Before You Go™