

# Robotics in Rescue and Suppression in Australia: A Practical Guide

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BLOG



## Key Robotic Technologies



### Firefighting Robots

- Enter burning buildings and wildfires
- Equipped with water cannons & thermal cameras



### Search & Rescue Robots

- Locate trapped or injured people
- Navigate rubble & confined spaces

## Benefits of Robotics

- Enhance responder safety
- Reach dangerous areas
- Gather real-time data
- Speed up incident response

## Challenges to Consider

- High costs & maintenance
- Training requirements
- Environmental limitations
- Communication issues

## Used by Australian Emergency Services



Fire & Rescue



Police



SES



Ambulance



In an Emergency Call **000** 