Guardian Mobile

Leverage mobility to transform your fireground response

![Panasonic Toughbook FZ-G2 tablet displaying Guardian Mobile incident command software]

MOTOROLA SOLUTIONS

On the fireground, emergencies can escalate quickly and unpredictably.

In order to organise an effective response, it's crucial to keep information flowing smoothly between control rooms, stations, dispatched units and frontline firefighters.

But with so many parties involved - all of whom have different perspectives and responsibilities - it can be challenging to gain a unified overview of the situation. That means your team may struggle to understand available resources, prioritise tasks and assess risks accurately - which, in turn, could affect response times and outcomes.

Guardian Mobile is an Android, iOS and Windows platform designed to equip FRSs with the tools their teams need to respond safely and quickly, no matter their specific job duties or location. By centralising and mobilising key incident command tasks and information into one intuitive, source-agnostic user interface for use on a Mobile Data Terminal (MDT), phone or laptop, your firefighters can use better data to make better decisions in the moment, while supervisors and dispatchers can coordinate remotely with the full context of a rapidly-evolving incident.

Arrive on-scene informed, aware and fully briefed

Get comprehensive information on an incident while you're still on the move. Send real-time data from your CAD, including incident location and nearby resources, straight to your fire engine so you can start planning your response ahead of time.

Manage every stage of an incident from the field

Incidents aren't static - which means your response can't be, either. Understand all elements of an unfolding situation and build a common operating picture across different roles and agencies, so you can dynamically assess risks and assign tasks with confidence. Improve future responses by debriefing more effectively with a visual timeline of events as they unfolded.

Easily stay in the loop at the station

Your incident response can't stay solely on the fireground. Keep dispatchers, call takers and off-duty staff updated, and enable remote supervision, via browser-based access to high-level incident information.

INCIDENT COMMAND

Incident type	Set an incident type to apply preset defaults, including organisation chart and incident tasks.
Change incident command	Request or resign command of an incident.
Organisation chart	Build an incident ground organisation chart while en route or on-scene, to provide a clear and visual view of all the resources allocated on the incident ground - including other agencies.
Analytical or Dynamic Risk Assessments	Create an ARA or DRA for the incident, then broadcast the assessment to the incident group.
Decision logs	Add decision logs to the incident.
Incident tasks	Create and assign incident tasks dynamically.
Override live weather data	Manually update weather forecast details.
Live incidents	View all live incidents occurring within the FRS boundary.
Evacuation	Create evacuation boards to help coordinate complex search and rescue operations in high rise buildings etc., helping crews quickly locate and rescue individuals trapped by fire or other hazards.
Incident handover	Create a handover document containing key information for briefing purposes.
Sector management	Create and manage cordons intuitively using polygons, lines or circular shapes. Ideal for adapting to complex, evolving incident grounds while maintaining safety and operational control.
Map icons	Add icons for key resources, such as firefighters, RVPs, ambulances, body cameras, drones etc.

SATELLITE NAVIGATION

Navigational assistance	Stay focused on the road with clear, real-time navigation while en route to an incident. Receive precise turn-by-turn directions, lane guidance, and an accurate estimated time of arrival helping you reach the scene safely and efficiently.
Directions	View the itinerary (i.e. stops on the route), traffic information, and turn directions when not under blue light conditions.

MAPPING

Map navigation	Pan and zoom.
Points of information (POI)	View information about key points of interest, such as Site Specific Risk Information (SSRI), hydrants, open water, bridges, etc.
Hydrant defect reporting	Report an issue with a fire hydrant (e.g. missing cover, faulty spindle).
Map reference points	Obtain the coordinates and what3words information for a specific point on a map.
Map measurement	Determine the size or length of an area drawn on the map, or the estimated travel time for a route plotted on the map. Change the units as needed (e.g. hose length, meters etc.).
Resource tracking	Follow mobilised resources on the map.
ETA	View the ETA of other resources en route to an incident, sorted by callsign or arrival status.
Cordons	Draw multiple cordons on the map to denote different zones around an incident. Add labels and change the colour of the cordons.
Rendezvous points	Set rendezvous points, strategic holding areas (SHA) and multi-agency strategic holding areas (MASHA) for an incident.
FireMet	Add a FireMet overlay to identify a safe approach to the incident location, factoring in wind direction and environmental conditions in real time.

INCIDENT MANAGEMENT

Move incident	Reposition the incident on a map and alert other crews deployed to the same incident.
Make up message	Request further resources from your control room via an electronic message.
Log update	Send messages to your CAD's incident log.
Web browser	Access web content held locally on the MDT or on authorised internet sites.
Move incident	Reposition the incident on a map and alert other crews deployed to the same incident.

HAZARDOUS INFORMATION

Risk information	Search, filter and view any information that has been made available to operational crews.
NCEC Chemdata	Search, filter and view an interactive third-party database, containing information on over 61,000 substances and more than 176,000 different chemical names, including pure and trade-name chemicals.
Bliksund Crash Recovery System (CRS)	Access crucial information - including interactive graphics - regarding vehicles at the scene of an accident to assist in locating vehicle components and associated risks.

COMMUNICATION

Mobilising messages	Receive a mobilising message sent straight to your MDT or phone.
Update and request status	Update your own status (which will be reflected in the CAD) or request the status of another callsign from the CAD.
Change callsign	Change Callsign to logout as your current Callsign and select another Callsign to re-login.
Message history	Review previously sent/received messages.
Text messages	Send a message to the control room. Compose messages which are a combination of free text and / or select pre-set messages from a list.
iOS and Android push notifications	The mobile app supports push notifications to alert the user of an incoming message that needs their attention.

FORMS

Form creation	Easily create custom forms to capture incident data that's relevant to your FRS.
Mandatory fields and data validation	Improve data quality with mandatory fields and validated information via regular expressions.
Custom fields	Add a variety of powerful custom fields for data capture.
Risk calculator	Provide a consistent, evidence-based framework to assess likelihood and severity of hazards, to mitigate underestimating or overlooking risks during high-pressure situations. If the risk is high and the benefit is uncertain, the calculator helps justify a decision not to send in crews until conditions improve.
Incident data	Add incident data from your CAD to forms, such as incident number and address.
Real-time sharing	Send completed forms to other members of your FRS over 4G or Airwave.

INCIDENT INFORMATION AT STATION

Incident location and type	Visualise the incident location, nearby risks and hydrants on the map. View the type of incident that crews are attending.
Resources overview	View resources on route or in attendance. See crewing information.

ADMIN	
Screen settings	Configure input mode options (touch and pen, pen only, touch only), touch mode options (finger, glove, wet), brightness control, and day/night mode.
Battery status	View battery status, full life time (in hours and minutes), and battery life (in a percentage).
Screen clean	Safely clean the screen without activating any of the buttons; clean areas of the screen will turn white.
Lock screen	Configure either a pattern or PIN code to secure the MDT.

Transform your emergency response with Guardian

Our Guardian public safety solution is designed to simplify every step of your FRS's emergency response workflows through a centralised, cloud-hosted platform spanning an ICCS, CAD and mobility application.

Whether you're deploying for the first time or upgrading to a newer version, we collaborate closely with you to tailor processes and plans to your organisation's needs - so while your call handlers, dispatchers and firefighters get the essential tools they need to keep their community safe, we'll also support your IT staff as they maintain your mission-critical systems.

Learn more at motorolasolutions.com/guardian