

TACCOMS

THE LAST LINE OF TACTICAL OPERATIONS. V7.2

TACTICAL COMMUNICATION OPERATION MANAGEMENT SYSTEM

KEY FACTS

- Malaysia best-of-breed (locally developed)
- Ease of access to source code for customization
- MSC Malaysia Certified Solution
- Designed and developed based on TUV Rheinland International Standards
- Server rated at 18 million 2-ways transmission/hour rekeying transmission
- Cross Platform Android/Windows Bidirectional Mission Critical Rekeying TCP Stream Cipher
- Monitor the location and health of each team member at all times!
- Direct team member to different target location/ direction individually, or by group.
- Coordinated pattern maneuvers
- 2-way text/voice communication
- Live video/photo to command center
- Selective intel (text/photo) dissemination, individually or by group

TACCOMS allows tactical team leader have complete command and control of tactical team members during tactical operations.

TACCOMS is an integrated Tactical solution offering Command, Control, Communications (C⁴) capability using multiple clients (Android) to a server (Windows).

TACCOMS enhances mission effectiveness and efficiency by ensuring that C⁴ is maintained at all times between the tactical team leader and the tactical team.



Command
Control
Communication
Coordination

FEATURES:

- Command, Control, Communication, Coordination (C⁴)
- Rekeying Cipher Engine (RCE)
- Map Tile System (MTS)
- Situational Awareness System (SAS)
- Directional Indicator System (DIS)
- Objective Information System (OIS)
- Text Communication System (TCS)
- Voice Communication System (VCS)
- Integrated Simulation System (ISS)
- Human Factor Simulator (HFS)
- Life Detector System (LDS)
- Live Video System (LVS)
- Photo Evidence Gathering System (EGS)
- Command Verification System (CVS)

C⁴
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HARDWARE REQUIREMENTS

- No special hardware required (Commercial off-the-shelf)
- Ruggedized devices recommended
- Ruggedized Android device (Lollipop and above)
- Windows Server (Ruggedized laptop/desktop/tablet)
- Smart glass Heads Up Display (HUD) integration
- Wrist wearable HUD and Push to Talk (PTT) integration
- Bone conduction headset integration

COMMUNICATION PLATFORM

- Long Range Wifi
- Portable 3G/4G LTE
- IP Mesh Radio
- Existing Telco 3G/4G LTE
- Fixed Orbit KU band VSAT

MAP DATA

- Supports any raster map
- Multiple area of operations
- 5 minutes map calibration (3 reference points)

POTENTIAL USAGES:

- **Military Forces – Rise in Terrorism**
- **Police Forces – Rise in Crimes**
- **SAR Teams – Rise in Natural Disasters**
- **Fire Fighters - Rise in Fire Incidents**
- **Border Patrol – Rise in Human Trafficking**
- **Civil Defence – Rise in Natural Disasters**
- **Immigrations – Rise in Illegal Immigrants**
- **Forestry Rangers – Rise in Poaching**
- **Customs - Rise in Smuggling**
- **DEA – Rise in Drug Trafficking**
- **Any related organizations worldwide**

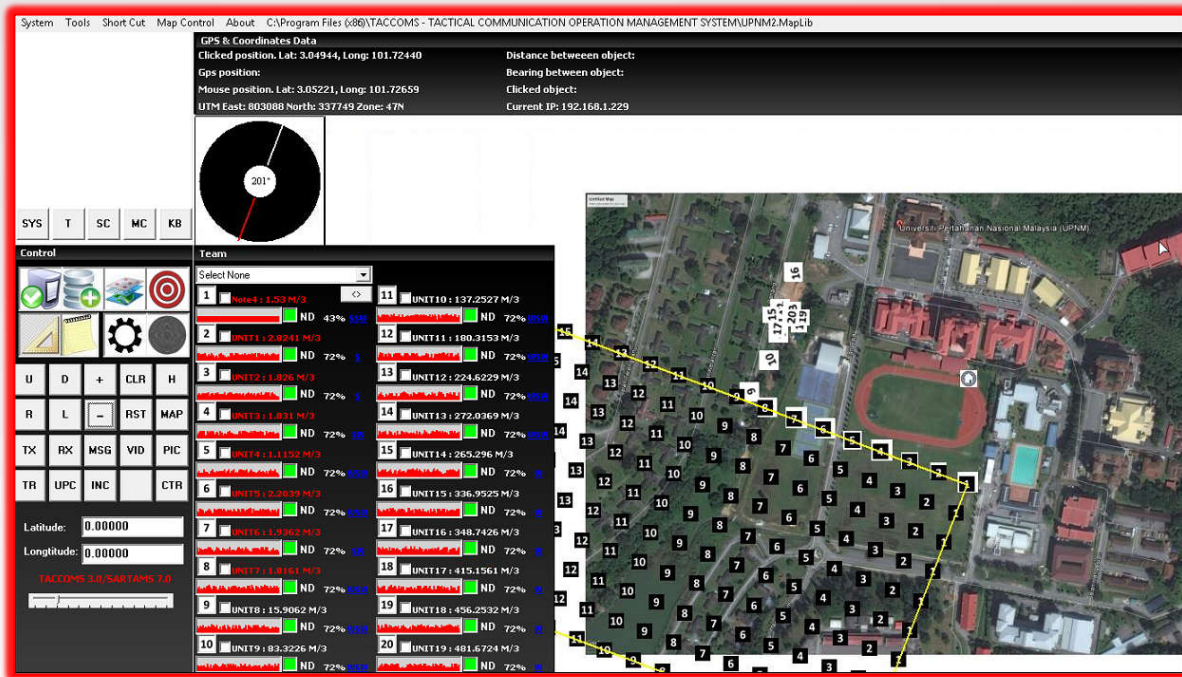
C⁴_{system}
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LIST OF AWARDS:

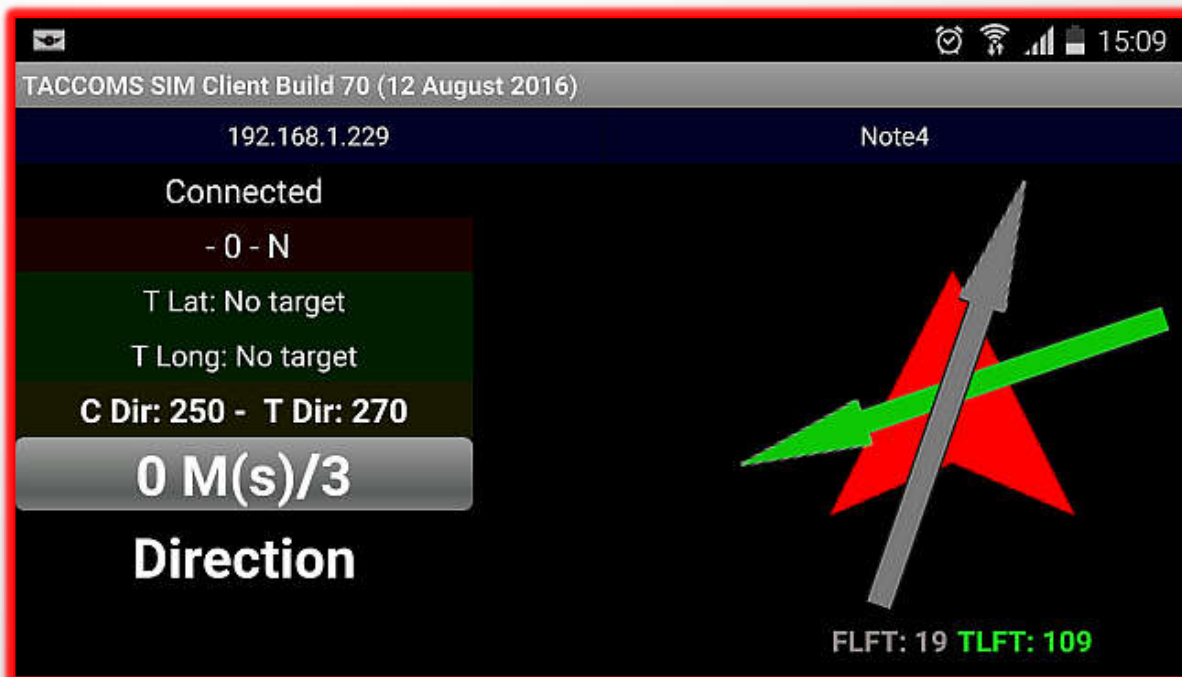
- **MSC Malaysia APICTA 2012 Award**
 - Winner Best of R&D Award – SARTAMS: Search and Rescue Tactical Management System
- **MSC Malaysia APICTA 2013 Awards**
 - Merit Award Best of e-Government & Services – SARTAMS: Search and Rescue Tactical Management System
- **3rd NEF-Awani ICT Awards 2013**
 - Winner Best Mobile & New Media Content/Application – SARTAMS: Search and Rescue Tactical Management System
- **MSC Malaysia APICTA 2016 Awards**
 - Winner Best of R&D Award – TACCOMS: Tactical Operation Management System
- **Asia Pacific ICTA 2016 Awards (Taiwan)**
 - Merit Best of R&D Award – TACCOMS: Tactical Operation Management System
- **MOSTI Tahun Pengkomersilan Malaysia (Malaysian Commercialization year (MCY 2017)**
 - Supreme Award (Anugerah Ulung)
 - Researcher Entrepreneur Award (Anugerah Usahawan Penyelidik)
- **MOSTI Special KPI Product**
 - Product launched by the Minister of MOSTI 2017

C⁴_{system} Command
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COMMAND, CONTROL, COMMUNICATION, COORDINATION (C⁴)



TACCOMS SERVER

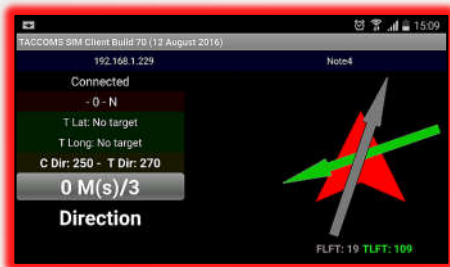


TACCOMS CLIENT



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COMMAND, CONTROL, COMMUNICATION, COORDINATION (C⁴)



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ARS
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