



**Issued by:**  
IEEE Public Safety  
Technology Initiative

**Theme:**  
Innovating Public Safety  
Through Technology

**Submission Deadline:**  
Dec 15, 2026

**Submission Email:**  
PST-CFP@ieee.org

**Submission Guidelines:**  
Length: 3,500 to 4,000 words  
Format: Microsoft Word (.docx),  
with clearly defined sections  
including:

- Executive Summary
- Background
- Proposed Solution
- Impact

**Submissions must be original  
and not previously published**

**Include author(s) name,  
affiliation, and contact  
information**

**For inquiries, please contact:**  
Dr. Moussa Ayyash  
PST-CFP@ieee.org

# Call for White Papers

## Overview:

The IEEE Public Safety Technology Initiative invites submissions of white papers that explore innovative, practical, and forward-looking applications of technology to enhance public safety. This call seeks contributions from researchers, technologists, policymakers, and practitioners addressing the evolving challenges and opportunities in public safety through engineering and computing solutions. Selected papers will be published in Fall 2027 through future public safety technology initiative 2027/2028 white papers series.

Public safety is increasingly shaped by emerging technologies that enable faster response, improved situational awareness, and more resilient infrastructure. From AI-assisted dispatch systems and predictive analytics to blockchain-secured forensic evidence and biometric authentication for first responders, the landscape of public safety is undergoing a rapid transformation. IEEE is committed to fostering global dialogue and advancing solutions that are ethical, inclusive, and impactful.

## Topics of Interest:

Submissions may address, but are not limited to, the following areas:

- **Next-Generation 911 (NG911)** and emergency communications
- **AI and machine learning** for threat detection, dispatch optimization, and decision support
- **Cybersecurity** for public safety infrastructure, including ICS/SCADA systems
- **Resilient communications** for disaster response and recovery
- **Wearable and mobile technologies** for health monitoring and safety of first responders
- **Robotics and autonomous systems** in emergency and hazardous environments
- **Data interoperability and standards** across public safety agencies
- **Smart cities and IoT** for public safety monitoring and response
- **Blockchain applications** for securing forensic evidence and IoT ecosystems
- **Virtual reality training** for high-risk emergency scenarios
- **Natural language processing (NLP)** for multilingual emergency communication
- **Biometric authentication** and identity management in crisis situations
- **Drones and autonomous vehicles** for search, rescue, and disaster relief
- **Mapping and geospatial technologies** for emergency planning and response
- **Ethical and privacy considerations** in public safety technologies

## Review and Selection:

Submissions will be reviewed by a panel of experts from academia, industry, and government. Selected white papers may be:

- Featured in IEEE publications
- Presented at IEEE-sponsored events
- Considered for inclusion in future public safety technology initiatives