

The sources primarily focus on the technical specifications of the Bodycams, their intended use cases (such as for Police, Military Soldier Surveillance, and Security Guards), and the advanced technological capabilities and proposed solutions Rapidise has developed in relation to body-worn cameras.

Contextual Information Related to Deployment and Measurable Outcomes

While specific deployment results for the bodycams are absent, the sources do provide context regarding the need for these technologies and the measurable performance of Rapidise's underlying security and AI expertise:

1. Development Driven by Real-World Scenarios (The Need for Accountability)

Rapidise proposed solutions for bodycam activation were developed in response to a real-world scenario, specifically a case in Germany where a policeman shot and killed a person, and the bodycam was not activated, making it difficult to verify the officer's report (e.g., whether the person utilized a knife).

This incident prompted the need for technical solutions to ensure critical events are reliably recorded, even if manual activation is missed. The goal of the proposed solutions (AI-Based Activation and Hardware-Based Activation) is to **enhance evidentiary quality and contextual recording** and improve the company's market presence.

2. Measurable Performance of Core AI Capabilities

Rapidise details measurable performance for AI models that are relevant to bodycam functionality, though these are listed under general AI library expertise, not specific bodycam field deployments:

- **Face Recognition:** Rapidise developed a 2.5D face recognition model that achieved **96.2% Accuracy** on a Qualcomm 8155 platform. The system takes **2 frames to register a new face** and has an **inference time of less than 1 second**.
- **AI Library (Telep):** Rapidise offers an AI model library, "Telep," which includes algorithms vital for security and surveillance, such as **Gun Detection, Gunshot Detection, Violence Detection, Loitering Detection, and Intrusion Detection**. These algorithms form the basis of the proposed AI-based activation solution for the bodycam.

3. Success in Related Surveillance and Security Systems

Rapidise has documented "Delivered Success Stories" in the security and surveillance industry, demonstrating

expertise in developing complex hardware and software solutions, although these projects are generally separate from the Bodycam products:

- **Multi-Tenant Access Control System:** This project involved system architecture, hardware and firmware development, and achieved multiple certifications, including FCC, PTCRB, UL, AT&T, Verizon, **IP65**, and **IK10**.
- **Unified Fall Detection And Vital Capture System:** This system integrates AI algorithms, a Fall Detection Radar Module, and Natural Language Understanding (NLU) for emergency alerting and vital capture.
- **Surveillance AI Camera:** Rapidise successfully developed a remote-connected video sensing/surveillance product based on the Qualcomm QCS 6490 SOC, featuring three cameras for different angles and extensive wired and wireless connectivity.

In summary, while the sources confirm Rapidise manufactures high-specification Bodycams and possesses the AI technology to ensure automated critical event recording, they **do not contain documented case studies or pilot deployments** showing the measured outcomes of these specific body-worn devices in real-world use.