

Ensuring Digital Integrity and Trust in Road Safety Enforcement



The Challenge:

With thousands of video reports submitted each month, Road Guardians (Shomrey ha-Derech) faced growing risks of content manipulation and forgery, especially in today's AI-driven era, where synthetic media and deepfakes are increasingly sophisticated.

To maintain public trust, evidential validity, and legal compliance, the organization needed a secure way to prove that every video was authentic, unaltered, and originated from the source device. Ensuring the chain of custody and digital integrity became a mission-critical requirement.

The Solution

Road Guardians (Shomrey ha-Derech) partnered with Comsigntrust, Israel's leading provider of digital trust and electronic signature solutions.

Comsigntrust implemented a government-recognized digital signing solution that automatically applies a certified digital signature to every video file upon receipt.

This ensures the authenticity, integrity, and non-repudiation of all submitted materials, guaranteeing that no tampering or modification has occurred.

Background

Road Guardians (Shomrey ha-Derech) is a social-technological initiative dedicated to transforming driving culture in Israel. The organization operates a nationwide community of volunteer citizens committed to promoting road safety. Using the Road Guardians mobile app, drivers record serious traffic violations and securely transmit them to the control center.

The Results

Today, over **10,000** video files are securely and digitally signed each month.

The result is a trusted, verifiable, and efficient workflow that strengthens the credibility of citizen reports, enhances operational efficiency, and ensures full compliance with regulatory and law-enforcement standards.

Road Guardians (Shomrey ha-Derech) can now focus on what truly matters: building safer roads and a more responsible driving culture across Israel.

Client Quote: "Thanks to the collaboration with Comsigntrust's experts, today, over 10,000 video files are digitally signed each month, ensuring a high level of authenticity, a highly efficient workflow, and full compliance with regulatory and enforcement requirements while maintaining the integrity of the chain of evidence."

Tamar Buchaltzev, CEO at Shomrey ha-Derech