

Global Safety Network

Global Emergency Communication Solution



Introduction

The **Global Safety Network** is an advanced emergency communication system utilizing satellite technology to ensure reliable alerts in accidents or crises, even in remote areas. It provides automated and manual emergency notifications, real-time GPS tracking, and multi-channel alerts to improve response times and enhance safety in underserved regions.

Revolutionizing Emergency Response Through Satellite Technology

The **Global Safety Network** is an innovative emergency communication system leveraging satellite technology to provide reliable alerts during accidents or crises, even in areas without cellular coverage. It operates in automatic mode, triggered by severe events like airbag deployment, and manual mode, enabling users to report incidents such as accidents, fires, or medical emergencies. The system transmits GPS data, identifies the nearest emergency responders using mapping APIs, and notifies them via Twilio's SMS and voice services, ensuring rapid and accurate response. Its unique satellite integration and multi-channel alerts enhance safety by addressing critical gaps in emergency response, particularly in remote areas.

Workflow

