
Alerto SOS App

Comprehensive Multi-Layer Safety Ecosystem for Family & Community

Alerto SOS is a structured, multi-level safety and emergency response platform designed to protect individuals, families, communities, and children through layered protection modules.

1. General Safety (Core Features – Available to All Users)

These foundational features provide immediate emergency response support.

1.1 Emergency Contact System

- Add up to **4 emergency contacts**
- One-tap emergency alert system

1.2 Instant Location Sharing

- Real-time GPS location sent via:
 - SMS
 - App notification

1.3 Emergency Audio & Flash Message Broadcast

- Record emergency voice message
- Loud auto-play on community members' phones
- Flash text message visible even when screen is locked

1.4 Quick Dial – National Emergency Helplines

Direct call access to:

- 112 – National Emergency
- 100 – Police
- 101 – Fire
- 102 / 108 – Ambulance

- 1091 – Women Helpline
- 1098 – Childline
- 1930 – Cybercrime
- 1033 – Highway
- 139 – Railway

Simultaneous SMS sent to emergency contacts.

1.5 Digital Security Utilities

- Online stolen mobile FIR filing
 - Safe Link Checker
 - Unsafe File Checker
 - Mobile connection verification (SIMs on your ID)
 - Block/Unblock stolen device
 - Police Station Directory (Maharashtra + other states)
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2. Personal Safety (Premium Layer)

Advanced personal protection features.

2.1 Unlimited Emergency Contacts

2.2 Loud Siren Activation

2.3 1-Hour Live GPS Tracking (Auto after SOS)

2.4 Dual Camera Capture (Front + Rear simultaneously)

2.5 Secure Cloud Upload (Google Drive Integration)

2.6 Multi-Community Broadcasting

2.7 Multiple SOS Trigger Methods

- Volume button
 - Power button
 - Shake detection
- (All enabled by default; configurable)
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3. Mobile Security (Premium Layer)

Anti-theft and remote control capabilities.

3.1 Create Private Community Group

3.2 Intruder Selfie Capture

3.3 Remote Siren Activation (Even in Silent Mode)

3.4 Remote Tracking Activation

3.5 SIM Change Alert

- SMS to emergency contacts
 - New SIM number
 - Device location
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4. Child Safety (Premium Layer)

Complete parental monitoring and digital discipline tools.

4.1 App Usage Statistics

4.2 App Time Locks

4.3 YouTube Shorts Lock

4.4 Instagram Reels Lock

4.5 Browser History Monitoring

4.6 Study Timetable Alarm

4.7 WhatsApp Chat Monitoring

4.8 Geo-Fencing Alerts

5. Alerto Community Group

Instant & Urgent Mass Communication Platform

Designed for:

- Villages
- Housing Societies
- Companies
- Schools
- Institutions

5.1 Mass Instant Communication

- Text or Voice broadcast
- Reaches thousands instantly

5.2 Emergency Use Cases

- Natural disasters
- Security alerts
- Health warnings
- Lost child alert
- Management announcements

5.3 High-Visibility Alerts

- Flash messages
- Loud override audio alerts

5.4 Structured Group Management

- Dedicated communication channel
 - Organized member base
 - Reliable alternative to fragmented messaging apps
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6. Alerto Closed Circle Activity

Controlled Family / Trip / Office Safety Network

Closed Circle is a **controlled, private, activity-based tracking and communication system** designed for families, school trips, office teams, and temporary groups.

6.1 Circle Creation Rules

- Each user can create **only one primary circle**
 - Creator becomes **Circle Admin**
 - Maximum **100 members per circle**
 - User can join multiple circles created by others
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6.2 Member Addition & Control

- Only Admin can initially add members
 - Members can further add members (controlled expansion)
 - A member can be removed by:
 - Admin
 - Person who added them
 - Self-exit
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6.3 Geo-Fencing & Location Intelligence

- Admin or members can add important locations
- GPS based geo-fence setup
- Minimum diameter: **50 meters**

Automated Entry/Exit Alerts

When any member:

- Enters a defined location
→ Notification: *“XXX reached at YYY place”*

- Leaves a defined location
→ Notification: “*XXX left from YYY place*”

Notifications are sent to **all circle members**.

6.4 Regular Interval Tracking

If a member exits the circle:

- Location tracking logs at **3-minute intervals**
 - Maintains movement record for safety validation
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6.5 Classified Member Structure (Advanced Feature)

Members can be grouped under categories for targeted broadcasting.

Example: School Trip (100 members)

- Staff Category
- 5th Standard Students
- 6th Standard Students

This allows:

- Selective flash messages
 - Selective voice broadcast
 - Targeted alerts
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6.6 Temporary Circle Model (Event-Based Use)

Closed Circle supports:

- School trips
- Office projects
- Pilgrimages
- Tours
- Event management

User can:

- Join temporary trip circle
 - Leave after event completion
 - Continue personal family circle permanently
 - Maintain separate office circle
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6.7 Core Objective

To maintain:

- Continuous connection
 - Location transparency
 - Organized safety
 - Controlled group communication
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7. “I Am Safe” – Regular Alert Activity

Proactive Safety Confirmation System

This feature ensures **daily well-being confirmation** to emergency contacts.

7.1 Default Safe Check Reminder

- Default reminder set at **9:00 AM**
 - User receives notification reminder
 - Can customize time
 - Can disable anytime
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7.2 One-Tap Safe Confirmation

When user sends “I Am Safe”:

- SMS sent to emergency contacts

- Includes current GPS location
 - Provides reassurance of safety
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7.3 On-Demand Safe Alert

User can send safe confirmation:

- When reaching unknown location
 - During travel
 - During late-night movement
 - When feeling vulnerable but not in emergency
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7.4 Strategic Importance

This feature:

- Prevents panic
 - Builds habit of safety confirmation
 - Acts as passive protection layer
 - Useful for elderly & working professionals
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Conclusion

Alerto SOS is not just an SOS button application.

It is a:

- Personal Safety Shield
- Family Protection Network
- Community Emergency Platform
- Anti-Theft Mobile Security System
- Child Monitoring & Discipline Tool
- Structured Geo-Fencing & Activity Tracker

A complete **layered safety ecosystem** designed for modern India.
