



# CHILD RESCUE IRELAND

Next Generation Child Protection Platform

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*From Emergency Broadcast to National Child Safety Platform*



# The Problem

## Dormant App

CRI Alerts are rare by design — all four criteria must be met. The app sits unused 364 days a year.

## Redundant Channel

SMS and social media already broadcast alerts. The app adds no unique capability over existing channels.

## One-Way Only

The public can receive alerts but cannot report back. AGS gets zero community intelligence from the app.

## No Daily Value

No reason to keep the app installed between rare events. Low engagement means low reach when it matters.

*The current app replicates functionality already served by SMS and social media — one-way broadcast with no unique value.*

# The Mandate Already Exists

AGS's own CRI policy and statutory obligations support a far broader platform:



## UN Convention Article 19

Protection from ALL forms of violence, injury or abuse — not just abduction



## Garda Síochána Act 2005 s.7(1)

Protecting life, preventing crime, vindicating human rights of each individual



## ECHR Article 2 — Positive Obligation

Take ALL that could reasonably be expected to protect life



## CRI Policy — Page 18

"The public effectively become the eyes and ears of An Garda Síochána"

***No digital infrastructure currently exists to serve these broader obligations.***

# The Proposition Shift

## CURRENT STATE

***"Get notified when a child is abducted"***

- Reactive
- Rare events only
- Dormant 364 days/year
- One-way broadcast



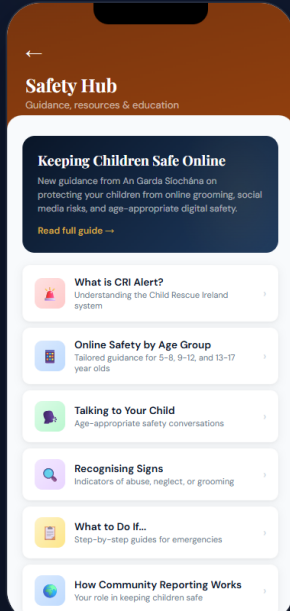
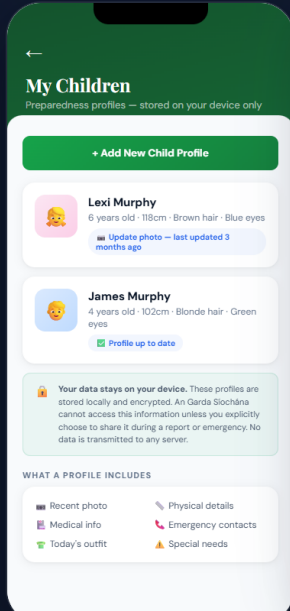
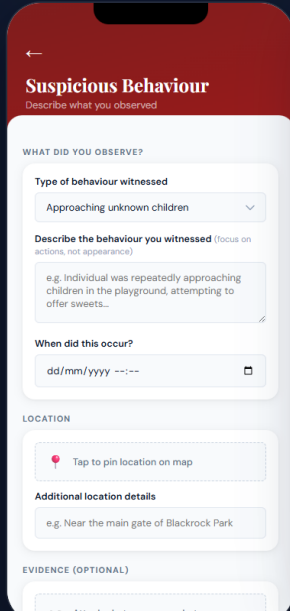
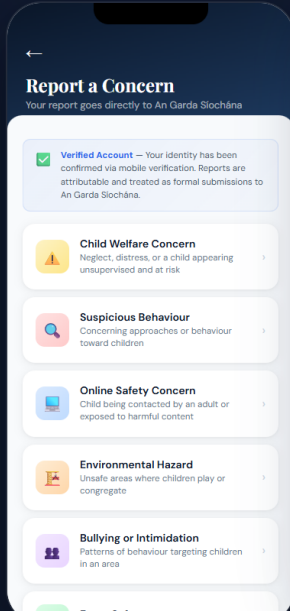
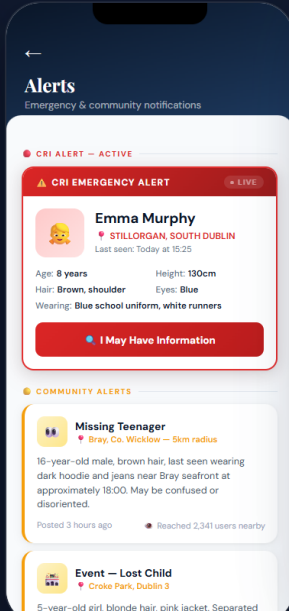
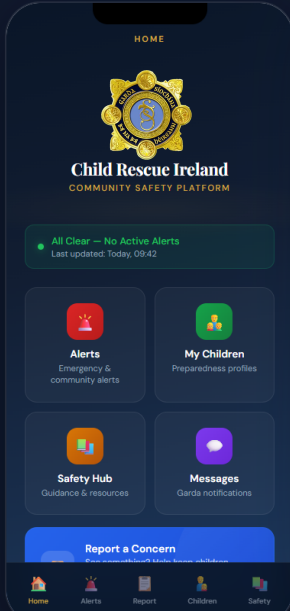
## NEW PLATFORM

***"Ireland's pre-emptive child safety platform"***

- Pre-emptive
- Daily utility
- Active 365 days/year
- Two-way intelligence

*The CRI Alert doesn't diminish — it gets elevated as the apex of a system working every day underneath.*

# Modernised UI & Feature Set - Example



# Four-Tier Architecture

1

## CRI Alert

Emergency broadcast for abductions meeting all four statutory criteria. Full-screen takeover. Geofenced delivery. "I have information" response path.

2

## Community Alert

Below-threshold missing children — runaways, separated kids, children with additional needs. Localised push to nearby users. The tier that doesn't currently exist.

3

## Community Reporting

Structured, verified intelligence from the public. Welfare concerns, suspicious behaviour, online threats, environmental hazards. Daily engine of the platform.

4

## Safety Communications

Seasonal guidance, education, online safety. Keeps the app alive, builds the AGS-community relationship year round. The reason people keep it installed.



# Community Reporting – The Daily Engine

## Child Welfare

Neglect, distress, unsupervised children at risk

## Environmental Hazard

Unsafe play areas, needles, derelict buildings

## Suspicious Behaviour

Concerning approaches or actions toward children

## Bullying / Intimidation

Patterns of behaviour targeting children

## Online Safety

Grooming, harmful contact, inappropriate content

## Event Safety

Lost or distressed child at public events

*Every one of these is currently handled by phone calls, Facebook groups, or not at all. App gives opportunity to meet full spectrum scope of <https://www.garda.ie/en/about-us/publications/policy-documents/child-rescue-ireland-cri-alert-policy-document.pdf>*

# Proportionate Community Reporting

Verified, structured, accountable — intelligence that AGS can act on



Concerning approaches, loitering near schools or playgrounds, attempts to engage children. Behaviour-first reporting — the form asks what was observed, not who was there.



Children being contacted by adults, grooming indicators, exposure to harmful content. Guided forms route directly to AGS online child exploitation specialists.



Neglect, distress, children unsupervised and at risk. Lowers the barrier from "should I phone the Gardaí?" to a structured, confidential submission.










**Verified identity** (phone OTP) + **statutory declaration** before every submission. Only meaningful, accountable reports reach AGS.

The image shows a smartphone screen displaying a mobile reporting form. At the top, there's a header with a logo and the text "Dec... Faith". Below that, a small orange lock icon is visible. The main heading is "Identity Verification Required". The text below reads: "To authenticate your report and prevent fraud or spam, we need to verify your identity. Your details are stored securely on your device and associated with your reports under the Law Enforcement Directive. They are never shared publicly." The form contains four input fields: "First name" (placeholder: "Your first name"), "Last name" (placeholder: "Your last name"), "Email" (placeholder: "your@email.ie"), and "Mobile number" (placeholder: "+353 8X XXX XXXX"). At the bottom of the form is a yellow button labeled "Verify Mobile Number →". The bottom of the phone screen shows a navigation bar with icons for "Home", "Alerts", "Report", "Children Safety", and another icon.



# Built to Prevent Abuse

Seven design principles ensure the reporting system is accountable, structured, and bias-resistant:

-  **Phone-Verified Identity** Every report tied to a real, identifiable person via SMS OTP
-  **Statutory Declaration** User confirms good faith — "I understand false reporting may constitute an offence"
-  **Behaviour-First Forms** "What did you observe?" not "Describe the person" — structurally filters bias
-  **Structured Categories** Guided selection, not free text — prevents misuse as a platform for prejudice
-  **Triage Layer** Reports filtered and pattern-matched before reaching AGS — noise removed
-  **Feedback Loop** Reporters see status updates — reinforces quality, discourages noise
-  **Rate Limiting & Consequences** Account suspension for vexatious reporters — false reports referred to AGS



# My Children — Digital Preparedness

## What a Profile Includes

- ✓ Recent photograph (quarterly update prompt)
- ✓ Physical description and distinguishing features
- ✓ Medical information (allergies, conditions)
- ✓ Emergency contact details
- ✓ "What they're wearing today" quick update
- ✓ Special needs or considerations



## Privacy by Design

- ✓ Stored on device ONLY — never transmitted
- ✓ Encrypted local storage
- ✓ AGS has zero access unless parent shares
- ✓ No server-side database of children
- ✓ Sharing is explicit, voluntary, per-event
- ✓ Full GDPR compliance — device-side processing

*A digital go-bag — not surveillance. Everything AGS needs in seconds, shared only when the parent chooses.*

# Technical Delivery

## PWA

Progressive Web App

Primary delivery. Installable, push-capable, offline support. Broadest reach, no app store dependency.

## iOS

Apple App Store

Native wrapper with PWA core. Native push notifications and biometric authentication.

## Android

Google Play Store

Native wrapper with PWA core. Native push notifications. Retains existing install base.

## Platform Capabilities


- ✓ Geofenced push notifications
- ✓ AGS web portal & dashboard
- ✓ WCAG 2.1 AA accessibility
- ✓ SMS OTP verification
- ✓ Automated report triage
- ✓ GDPR / LED compliant
- ✓ Encrypted local storage
- ✓ Pattern detection engine
- ✓ Multi-language ready


# CRI Command Portal


Real-time operations centre for An Garda Síochána


A secure web portal replacing the current basic alert form with a full intelligence and operations dashboard — giving AGS real-time visibility across every tier of the platform.

 **Alert Management** Issue CRI and community alerts with geofencing, monitor reach rates and responses in real time

 **Report Triage** Incoming reports filtered by priority, category and status — review, assign, action, close

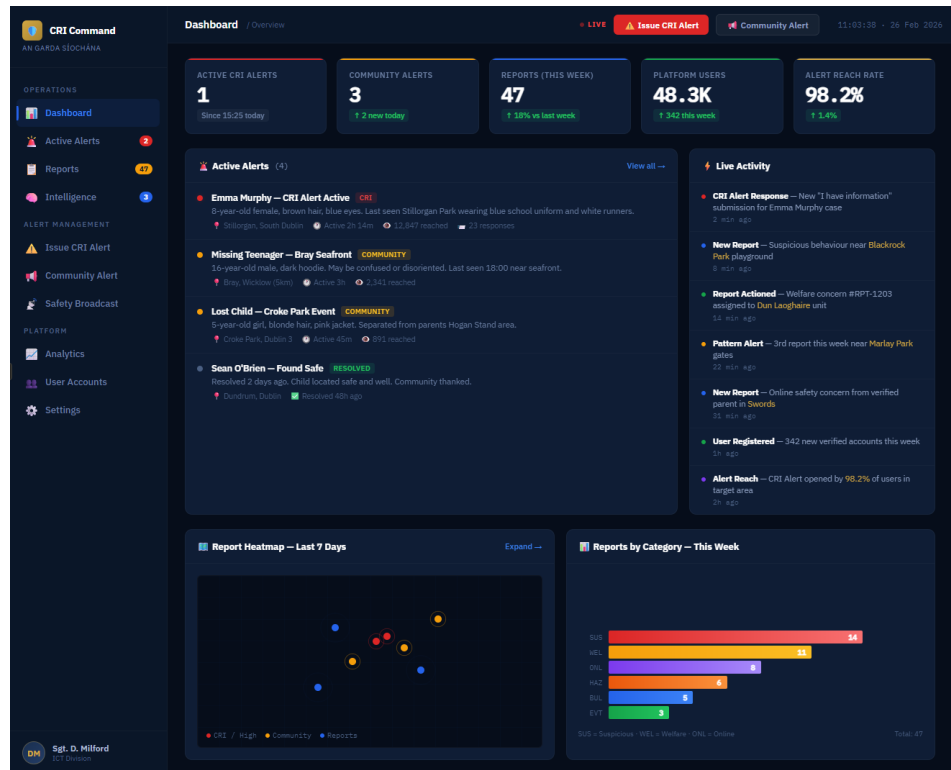
 **Pattern Detection** Automated clustering of reports by location and time — individual noise becomes actionable intelligence

 **Live Analytics** Platform engagement, alert reach, report volumes, resolution times — measurable impact for the first time

 **Geographic Heatmap** Report clustering visualised on map — allocate community policing resources based on data, not assumption

 **Account Oversight** Verified user management, reporter history, vexatious account flagging and suspension

*Replaces the existing basic form with a full operational command centre.*





# Impact on Garda Intelligence

*From reactive response to pre-emptive, intelligence-led policing*

## TODAY — Blind Spots

- Reports arrive via 999, station visits, or not at all
- No visibility on community-level concern patterns
- Intelligence lost in informal channels (Facebook)

## NEW — Intelligence Pipeline

- Structured, categorised reports flowing continuously
- Pattern detection across location, time, and category
- Verified, attributable intelligence — not anonymous noise

## Pre-Emptive Intelligence Capabilities



### Pattern Recognition

Three separate "probably nothing" reports about the same location in a month suddenly becomes something. Individual reports are noise — aggregated reports are intelligence.



### Hotspot Mapping

Report clustering reveals areas of persistent concern. Gardaí can allocate community policing resources based on actual data rather than assumption.



### Early Warning System

Welfare concerns and suspicious behaviour reports create a timeline. Escalating patterns trigger proactive intervention before a crisis.

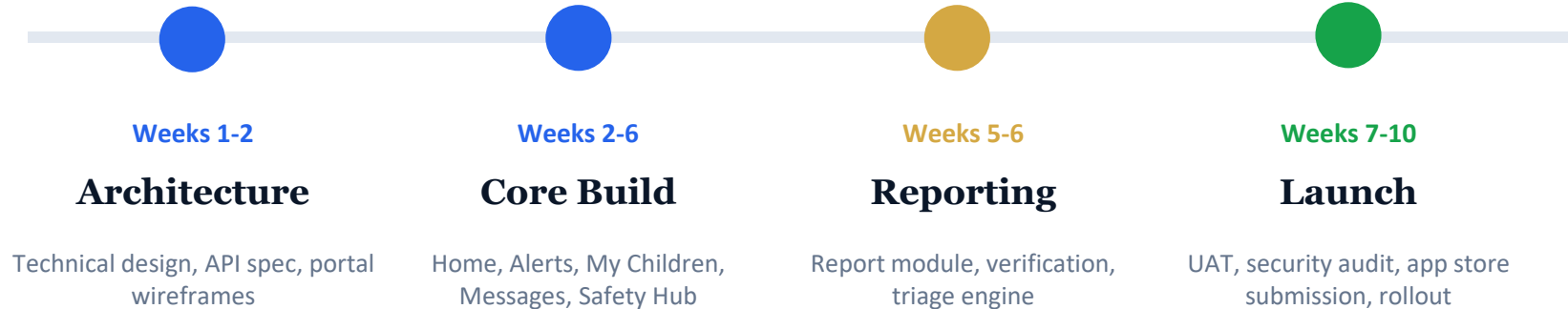


### Measurable Impact

For the first time, AGS can quantify community engagement: reports received, patterns identified, interventions triggered, outcomes tracked.

*The public aren't policing themselves — they're extending AGS's reach through structured, accountable technology.*

# Delivery Timeline



**10-week delivery from agreement signature to phased rollout.**

**Marketing Assets, Install Links, QR codes and more can be provided to support launch.**



# **This is an alternative to a rebuild. It's transformation and evolution.**

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Child Rescue Ireland has the mandate, the brand recognition, and the public goodwill to be Ireland's first community-powered child safety platform — keeping children safe every day, not just in emergencies.