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# Coordinated Security & Privacy Disclosure, Final Report

Write 123 for Android

(com.super4.learn.write123.numbers.count.trace.preschool.educational.games.v4.4)

Thirteen written notices, ninety days, total silence – not one reply of any kind

**PUBLIC DISCLOSURE, 19 SEPTEMBER 2026 – THE FINDING REMAINS UNADDRESSED AFTER THIRTEEN NOTICES, ZERO REPLIES**

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|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target                    | Super Four Games LLP (c/o Chhabi Mitra)                                                                                                                                                |
| Product audited           | Write 123 for Android, com.super4.learn.write123.numbers.count.trace.preschool.educational.games, v4.4 (APK SHA-256: f30389ca376be8ef140f577bbc980a6eeb2dc4ff9b3bf59dbf27a58b0566e6d6) |
| Disclosure reference      | REF SUPER4-R1                                                                                                                                                                          |
| R1 sent                   | 2026-06-25                                                                                                                                                                             |
| Disclosure / embargo date | 2026-09-19                                                                                                                                                                             |
| Report published          | 2026-09-19                                                                                                                                                                             |
| Severity                  | CRITICAL (C1 a full advertising stack and advertising-identifier collection auto-initializing before any consent screen on a preschool app, CVSS v4.0 8.7, unaddressed)                |

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## Executive Summary

On 25 June 2026, RFI-IRFOS performed static analysis of the production Write 123 Android application, a preschool educational app teaching numbers and letter tracing to children, and identified one CRITICAL finding: a full advertising SDK stack, Google Ads, Unity, ironSource, and Vungle, combined with ACCESS\_AD SERVICES\_AD\_ID and ACCESS\_AD SERVICES\_ATTRIBUTION permissions and Firebase's auto-initialization provider, all initializing before any consent screen is shown to the user.

Across thirteen written notices over ninety days, cc'd to the Austrian Datenschutzbehörde and the European Data Protection Supervisor from the fourth notice onward and CERT.at from the ninth, not one reply of any kind, automated or human, was ever received from Super Four Games LLP at any of the three addresses used. None of RFI-IRFOS's three standing questions, on awareness of the advertising stack's presence, whether verifiable parental consent under Art. 8 is obtained before any advertising SDK or Firebase initializes, or whether remediation would occur before or after regulator contact, ever received an answer.

**Scope:** Static analysis of the publicly downloaded production Write 123 Android APK (v4.4), on an authorized test device, only. No Super Four Games account, backend, or infrastructure was accessed or tested.

### Disposition

R1 sent 25 June 2026 to support@super4games.com, superfourgames@gmail.com, and todsplaygames@gmail.com, cc the Austrian Datenschutzbehörde and the European Data Protection Supervisor from the fourth notice onward. Across thirteen written notices over ninety days, not one reply of any kind, automated or human, was ever received from Super Four Games LLP.

| ID | Severity | Title                                                                                                            |
|----|----------|------------------------------------------------------------------------------------------------------------------|
| C1 | CRITICAL | Full advertising stack and advertising-identifier collection auto-initializing before consent on a preschool app |

## Subject & Operator Analysis

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Super Four Games LLP is a UK-registered limited liability partnership, listed in correspondence c/o Chhabi Mitra, operating the Write 123 preschool educational app.

## Findings

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### C1: Full advertising stack and advertising-identifier collection auto-initializing before consent on a preschool app

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**HIGH, CVSS v4.0 AV:N/AC:L/AT:N/PR:N/UI:N/VC:H/VI:N/VA:N/SC:N/SI:N/SA:N, 8.7**

The app bundles Google Ads, Unity, ironSource, and Vungle advertising SDKs, alongside ACCESS\_AD SERVICES\_AD\_ID and ACCESS\_AD SERVICES\_ATTRIBUTION permissions. Firebase's auto-initialization provider runs before any consent screen is presented.

No reply of any kind, across thirteen notices, addressed whether verifiable parental consent under Art. 8 is obtained before any of this initializes for a child user.

**Impact:** A preschool app initializes a full advertising and identifier-collection stack before any consent decision can be made, on an audience below the age at which meaningful consent is legally possible for the child themselves.

**Fix:** Gate all advertising SDK and Firebase initialization behind a verifiable parental-consent mechanism, or remove the advertising stack entirely from a preschool-targeted product.

### Thirteen Notices, Three Addresses, Zero Replies

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Across thirteen written notices sent over ninety days to three separate addresses, support@super4games.com, superfourgames@gmail.com, and todsplygames@gmail.com, not one reply of any kind, automated or human, was ever received. A separate targeted search of the mailbox for any inbound message from these addresses or associated with the developer's name returned zero results.

## Data Protection, Article by Article

| Finding | Provision              | Concern                                                                    |
|---------|------------------------|----------------------------------------------------------------------------|
| C1      | GDPR Art. 8, Art. 6(1) | Pre-consent advertising and identifier-collection stack on a preschool app |

## Disclosure Timeline & Outcome

| Date       | Event                                                                                                        |
|------------|--------------------------------------------------------------------------------------------------------------|
| 2026-06-25 | R1 sent to three addresses; 1 CRITICAL finding; three standing questions posed                               |
| 2026-07-03 | Follow-up adds the Austrian DSB and EDPS to cc for the first time                                            |
| 2026-08-12 | Follow-up, day 48, CERT.at added to cc                                                                       |
| 2026-09-03 | Follow-up, seventy days silence                                                                              |
| 2026-09-11 | Follow-up, seventy-eight days, zero replies, embargo eight days out, weekly binary-diff monitoring disclosed |
| 2026-09-19 | Embargo, as stated identically throughout the correspondence, closes and this report publishes               |

## Residual Risk & Recommendations

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- Establish a functioning contact address capable of receiving and responding to GDPR disclosures.
  - Gate all advertising SDK and Firebase initialization behind a verifiable parental-consent mechanism.
  - Consider removing the advertising stack entirely from a preschool-targeted product.
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**RFI-IRFOS** rfi.irfos@gmail.com • rfi-irfos.com

ZVR 1015608684 • GISA 39261441 • UID ATU83405245 • Steuernummer 68 696/8736 • Elisabethnergasse 25/10, 8020 Graz, Austria Coordinated disclosure per ISO/IEC 29147. GDPR Art. 6, 8. REF SUPER4-R1.