

App Health Assessment

Northwind Field Services — iOS & Android · React Native, .NET / Azure

PREPARED FOR	REPORT DATE	ASSESSMENT PERIOD
Northwind Pty Ltd	23 June 2026	24 May – 23 June 2026

DELIVERY

5 business days · no obligation

OVERALL HEALTH

At risk

The app is live and in active use, but it is behind on both store platforms and will lose new users before 31 August unless it is rolled forward. There are two high-severity library vulnerabilities and a recurring crash in the sync flow, and the codebase carries maintainability debt. Nothing is on fire today, but all of it gets worse on a known timeline.

COMPLIANCE	SECURITY	PERFORMANCE	CODE HEALTH	ENGAGEMENT	RELEASES
Behind	At risk	Watch	Watch	Low data	Stale

01 Store & compliance

ITEM	CURRENT	REQUIRED	STATUS
iOS build SDK	iOS 25 (Xcode 25)	iOS 26 SDK by 28 Apr 2026	Behind
Android target API	API 34	API 35 by 31 Aug 2026 (new users)	Behind
Store status	Live, both stores	Live	OK
Last release	4 months ago	Regular cadence	Stale

After 28 April you cannot ship an iOS update, including a security fix, without the iOS 26 SDK. After 31 August new Android users on modern devices stop seeing the app until it targets API 35.

02 Security

CHECK	RESULT	STATUS
Third-party libraries scanned	47 total, 6 outdated	Review
Known vulnerabilities	2 high (image + networking libs), 0 critical	Patch
Software bill of materials (SBOM)	None existed; generated, now monitored continuously	In place

03 Performance

METRIC	CURRENT	TARGET	STATUS
Crash-free users	98.4%	99.5%	Below
Cold start	2.8s	< 2.0s	Below
Recurring crash	Offline-sync flow	None	Fix

04 Code health

How easy and safe the app is to change. This drives the cost, speed and risk of every future update, and it is where neglected apps quietly become expensive.

METRIC	CURRENT	TARGET	STATUS
Maintainability grade	C	A – B	Watch
Code duplication	9.2%	< 5%	High
Overly complex files	14	Few	Watch
Coding-standard issues	320 lint findings / code smells	Minimal	Review
Automated test coverage	31%	60%+	Low
Estimated technical debt	~12 days to a clean baseline	—	Info

Assessed with automated static analysis. Lower duplication, lower complexity and higher test coverage mean faster, safer, cheaper changes, and fewer surprises when the platforms move.

05 Engagement & analytics

- Firebase is present but sparsely instrumented: no key-flow funnels, limited event coverage.
- Result: little visibility into how and where the app is actually used. We would baseline this in week one.

06 Findings, prioritised

PRIORITY	FINDING	IMPACT
P1	iOS SDK behind	Cannot ship any update after 28 Apr without upgrading
P1	Android below target API 35	Loses new users on modern devices from 31 Aug
P2	Two high-severity library vulnerabilities	Security exposure; patch in the first cycle
P2	Recurring sync-flow crash (98.4% crash-free)	User-facing failures; data-loss risk
P2	Low automated test coverage (31%)	Every change is riskier and slower to verify
P3	9% duplicate code, 14 overly complex files	Maintainability debt; raises long-term change cost
P3	Cold start 2.8s	Slower first impression; optimise over time
P3	Thin analytics / engagement	No usage visibility; baseline at onboarding

07 Recommended plan

Gold — Managed & Improving

For an actively used app that needs to keep improving

Recommended

~A\$5,090/mo

Year 1, onboarding included · then A\$4,500

ESTABLISHMENT INCLUDED — ABOUT 60 HOURS, SMOOTHED INTO YEAR ONE

- ✓ Roll both platforms forward to compliance
- ✓ Patch the two high-severity vulnerabilities
- ✓ Fix the offline-sync crash
- ✓ Baseline analytics and engagement

One flat monthly number, no hourly rate. Confirmed before you sign.

08 Roll-forward plan — first 30 days

- Onboard into the Donnish suite: repo, CI/CD, store access, monitoring, scanning, analytics.
- iOS 26 SDK and Android API 35 roll-forward; ship a first clean, compliant release.
- Patch the two high-severity vulnerabilities; fix the sync-flow crash.
- Baseline Firebase analytics and engagement; add the app to the Donnish health dashboard.
- Send your first monthly report from our platform.

Donnish Pty Ltd

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Confidential to Northwind Pty Ltd

Produced by Donnish App Health tooling across React Native, Flutter, Swift, Kotlin and Xamarin / .NET MAUI. Figures in this sample are illustrative; your free App Health Check assesses your own app. Brisbane-based · AEST support.