# La Tortuga Digital Intake App — Deployment & Training Plan (DTP)

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## 1. Purpose

To define a structured and safe deployment of the La Tortuga Digital Intake App, including device setup, rollout schedule, staff training, and post-launch support. This ensures reliable operation, data protection, and clinician readiness before the February 2026 field mission.

## 2. Deployment Overview

Target Users: 8–10 field clinicians (nurses, dentists, assistants)  
Environment: Android tablets (8–10 inch, stylus compatible)  
Backend: Firebase Realtime Database + Auth + Storage  
Dashboard: Web portal for administrators and community reporting  
Deployment Type: Phased rollout – pilot → full mission  
Responsible: Jose Rodriguez (dev), Joellen (coordinator), Noah (QA)

## 3. Deployment Phases

1. Pre-Deployment Prep (Dec–Jan): Final app build & testing  
 Deliverables: App v1.0 validated, Firebase prod configured, tablets ready  
2. Pilot Launch (Jan 2026): Field test in one community  
 Deliverables: Logs + feedback surveys  
3. Full Deployment (Feb 2026): Roll out to all clinics  
 Deliverables: Training complete, daily sync verified  
4. Post-Launch Stabilization (Mar 2026): Bug fix + dashboard tuning  
 Deliverables: Patch 1.1 + metrics review

## 4. Device Setup & Configuration

1. Procure 8 Android tablets + styluses  
2. Install Expo runtime + Firebase app  
3. Load v1.0 APK from GitHub Actions build  
4. Configure Wi-Fi and offline cache test  
5. Enable tablet PIN + auto-lock (5 min)  
6. Perform final sync test before deployment

## 5. Training Program

Audience Groups:  
- Nurses & Dentists: Intake workflow, sync procedure  
- Coordinators: Dashboard and data management  
- Dev Team: Monitoring logs & Firebase rules  
  
Training Sessions:  
1. System Overview – 1 hr  
2. Hands-On Tablet Training – 2 hr  
3. Dashboard Tutorial – 1 hr  
4. Security & Data Protection – 45 min  
5. UAT Review & Feedback – 1 hr

## 6. Training Materials

• Quick Start Guide (PDF)  
• Video walk-throughs (private YouTube/Drive)  
• Printable reference cards (Spanish + English)  
• FAQ sheet for offline sync and stylus usage

## 7. Rollback & Contingency Plan

App crash → revert to previous stable APK (v0.9)  
Firebase outage → store locally until connection (<24h)  
Device loss → remote wipe or account deactivation  
Sync errors → manual CSV export

## 8. Support & Monitoring

• On-call engineer (Jose) during first 2 weeks  
• Asana board for bug tracking  
• Daily Firebase log checks  
• Weekly report to Joellen and team

## 9. Success Metrics

• Sync success rate ≥99%  
• Intake completion ≤6 min  
• Training score ≥90%  
• Clinician satisfaction ≥8/10  
• Dashboard accuracy ≤1% variance

## 10. Post-Launch Activities

1. Review analytics after 2 weeks live  
2. Collect clinician feedback  
3. Plan Release 1.1 (Education Module)  
4. Update training materials and manuals