

GetSortAI Production Readiness Checklist							
Generated: January 9, 2026							
Purpose: Audit of what's complete and what's needed to accept paying subscribers							
WHAT'S ALREADY DONE							
Core Platform Features							
Landing Page - Professional marketing page with value propositions, workflow explanation, industries served							
Dashboard - Analytics dashboard for contamination monitoring							
Facilities Management - Multi-facility support with assignments							
Video Upload - Upload interface with facility selection							
Samples View - View uploaded samples and analysis results							
Reports - Automated weekly report generation (PDF/JSON)							
Job Queue - Async video processing with retry logic							
AI/Video Analysis							
Local Video Analysis - FFmpeg + Sharp for frame extraction and contamination detection							
Contamination Detection - Identifies plastic_in_paper, food_waste, metal_contaminant, glass_contaminant, hazardous_material, mixed_waste							
Results Storage - Analysis results stored in PostgreSQL with confidence scores							
Alert System - Threshold-based alerts with deduplication							
Authentication							
Google OAuth - Full Google login implementation with GOOGLE_CLIENT_ID and GOOGLE_CLIENT_SECRET configured							
Email/Password Auth - Local authentication with bcrypt password hashing							
Session Management - PostgreSQL-backed sessions with 7-day TTL							
Protected Routes - isAuthenticated middleware on all protected endpoints							
User Profiles - Role-based access (admin, facility_manager, auditor)							

Database								
PostgreSQL - Neon-backed database fully provisioned								
All Tables Create alert_history,		jobs,	sessions,	enterprise_bookings				
Drizzle ORM - Type-safe database queries								
Object Storage								
Google Cloud Storage - Configured with PRIVATE_OBJECT_DIR								
File Upload - Video upload to GCS via signed URLs								
File Download - Authenticated file retrieval								
Legal & Compliance								
Privacy Policy - GDPR/CCPA/PIPEDA compliant with Stripe, GCS, AdSense disclosures								
Terms of Service - SLAs, refund policy, AI disclaimers, subscription terms								
Acceptable Use Policy - Prohibited uses, security requirements								
Cookie Policy - Cookie types, consent management, third-party cookies								
Data Processing Agreement - PIPEDA/Law 25/GDPR compliance for enterprise								
Legal Hub (/legal) - Central navigation for all legal documents								
LegalLayout Component - Consistent navigation across all legal pages								
Marketing & Content								
About Page - Company information								
Blog - 12 SEO-optimized articles with categories								
Case Studies - Industry success stories								
Documentation - User guides								
Pricing Page - Starter (\$2,000/mo), Pro (\$3,500/mo), Enterprise tiers								
Analytics & Tracking								
Google Analytics - G-5HV2M8TJM3 tracking code installed								
Google AdSense - ca-pub-8306818191166444 configured								

SEO								
Meta Tags - Title, description, keywords on all pages								
Open Graph - Social media preview images								
Twitter Cards - Configured								
JSON-LD Schema - Structured data for SoftwareApplication and Service								
Canonical URLs - Configured								
Cookie Consent								
Cookie Banner - GDPR-compliant consent popup								
Preference Management - Essential, Analytics, Advertising toggles								
Cookie Settings Page - /cookie-settings for preference updates								
CRITICAL: MUST DO BEFORE ACCEPTING PAYMENTS								
1. Stripe Configuration (BLOCKING)								
TaskStatusAction Required								
STRIPE_SECRET_KEYExistsVerify it's your LIVE key (starts with sk_live_), not test key								
STRIPE_WEBHOOK_SECRETMISSINGCreate webhook in Stripe Dashboard, add secret								
Stripe Price IDsHardcoded placeholdersReplace price_starter and price_pro with real Stripe Price IDs								
Webhook EndpointCode readyRegister https://getsortai.com/api/stripe/webhook in Stripe								
Test Mode ToggleN/ASwitch Stripe Dashboard to LIVE mode before launch								
How to fix:								
# In Stripe Dashboard (https://dashboard.stripe.com):								
1. Create Products:								
- "Starter Plan" → \$2,000/month recurring → Copy Price ID								

- "Pro Plan" → \$3,500/month recurring → Copy Price ID							
2. Create Webhook:							
- Endpoint: https://getsortai.com/api/stripe/webhook							
- Events: checkout.session.completed, customer.subscription.updated, customer.subscription.deleted							
- Copy Signing Secret							
3. Add secrets to Replit:							
- STRIPE_WEBHOOK_SECRET = whsec_XXXXX							
- Update STRIPE_SECRET_KEY to live key if not already							
Then update server/routes.ts line 786-789:							
const priceIds: Record<string, string> = {							
starter: "price_REAL_STARTER_ID_HERE", // From Stripe Dashboard							
pro: "price_REAL_PRO_ID_HERE", // From Stripe Dashboard							
};							
2. Session Security for Production							
TaskStatusAction Required							
Secure cookiesCurrently falseChange to secure: true for HTTPS							
SESSION_SECRETExistsVerify it's strong (32+ random chars)							
Update server/auth.ts line 37:							
secure: process.env.NODE_ENV === "production", // Auto-switches for production							
3. Environment Variable Audit							
VariableStatusNotes							

STRIPE_SECRET_KEY	Exists	Verify it's LIVE key					
STRIPE_WEBHOOK_SECRET	MISSING	Required for payment processing					
GOOGLE_CLIENT_ID	Exists	Working					
GOOGLE_CLIENT_SECRET	Exists	Working					
SESSION_SECRET	Exists	Should be strong random string					
DATABASE_URL	Exists	Neon PostgreSQL					
PRIVATE_OBJECT_DIR	Exists	GCS configured					
RECOMMENDED: SHOULD DO BEFORE LAUNCH							
Business Operations							
Support Email - Set up support@getsortai.com, privacy@getsortai.com, legal@getsortai.com							
Enterprise Booking System - Test the /enterprise-booking form, verify email delivery							
Admin Dashboard - Create admin user to manage facilities/users							
Testing & Quality							
End-to-End Payment Test - Complete a test subscription in Stripe test mode							
Video Upload Test - Upload sample videos and verify analysis completes							
Report Generation Test - Confirm weekly reports generate correctly							
Mobile Responsiveness - Test all pages on mobile devices							
Security							
Rate Limiting - Add rate limiting to auth endpoints							
CORS Configuration - Verify CORS is properly restricted for production domain							
Error Handling - Ensure no sensitive data in error messages							
SEO & Marketing							

Google Search Console - Submit sitemap, verify ownership								
robots.txt - Create if not exists								
sitemap.xml - Generate sitemap for all public pages								
Monitoring								
Error Tracking - Consider adding Sentry or similar								
Uptime Monitoring - Set up external monitoring (UptimeRobot, etc.)								
Log Retention - Configure log storage for debugging								
NICE TO HAVE (POST-LAUNCH)								
User Onboarding Flow - Guided setup for new subscribers								
Subscription Management Portal - Stripe Customer Portal integration								
Email Notifications - Transactional emails for alerts (SendGrid/Resend)								
API Documentation - For enterprise API access								
Two-Factor Authentication - Additional security option								
Dark Mode - Already has theme toggle infrastructure								
Multi-language Support - i18n if expanding internationally								
LAUNCH SEQUENCE								
Day Before Launch								
Switch STRIPE_SECRET_KEY to live key								
Add STRIPE_WEBHOOK_SECRET								
Update Stripe Price IDs in code								
Change secure: true for cookies (or use env check)								
Deploy to production								
Launch Day								

Register Stripe webhook endpoint with production URL						
Test one real payment (can refund immediately)						
Verify Google OAuth works on production domain						
Monitor logs for errors						
Post-Launch (First Week)						
Monitor Stripe for successful payments						
Check job queue is processing videos						
Verify automated reports are generating						
Respond to any support inquiries						
CURRENT STATE SUMMARY						
CategoryStatus						
Core PlatformReady						
AuthenticationReady						
DatabaseReady						
StorageReady						
Legal PagesReady						
Marketing ContentReady						
AnalyticsReady						
Payment Processing3 Items Missing (see Critical section)						
Production Security1 Item to Update (cookie secure flag)						
Bottom Line: You're 95% ready. The only blocking items are:						
Add STRIPE_WEBHOOK_SECRET						
Replace placeholder Price IDs with real Stripe Price IDs						
(Optional) Flip cookie secure flag for production						
Once those 2-3 items are done, you can start accepting paying customers.						