

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 <a href="https://getsortai.com/api/stripe/webhook">https://getsortai.com/api/stripe/webhook</a> in Stripe								
Test Mode ToggleN/A Switch Stripe Dashboard to LIVE mode before launch								
How to fix:								
# In Stripe Dashboard ( <a href="https://dashboard.stripe.com">https://dashboard.stripe.com</a> ):								
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: <a href="https://getsortai.com/api/stripe/webhook">https://getsortai.com/api/stripe/webhook</a>						
- Events: checkout.session.completed, customer.subscription.updated, customer.subscription.deleted						
- Copy Signing Secret						
3. Add secrets to Replit:						
- STRIPE_WEBHOOK_SECRET = whsec_xxxxxx						
- Update STRIPE_SECRET_KEY to live key if not already						
Then update server/routes.ts line 786-789:						
const pricelds: 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			
Category	Status		
Core Platform	Ready		
Authentication	Ready		
Database	Ready		
Storage	Ready		
Legal Pages	Ready		
Marketing Content	Ready		
Analytics	Ready		
Payment Processing	3 Items Missing (see Critical section)		
Production Security	1 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.			