

SOVEREIGNTY AUDIT REPORT

Sentry Compliance Standard | Check Engine v2

Practice: Hill Country Family Medicine

NPI: 1234567890

Website: www.hillcountryfamilymed.com

Report Date: February 16, 2026

Report ID: KL-SAR-SAMPLE-2026

Engine: SENTRY-3.1.0 | Check Engine v2 | Duration: 8.4s | 16 checks executed

SAMPLE REPORT | This is a demonstration report with simulated provider data.

EXECUTIVE SUMMARY

This Sovereignty Audit Report provides a comprehensive forensic analysis of **Hill Country Family Medicine's** digital infrastructure against the requirements of Texas Senate Bill 1188 (Data Sovereignty) and House Bill 149 (AI Transparency). The analysis was conducted using KairoLogic's Check Engine v2 plugin-based scanning system.

OVERALL SCORE	RISK LEVEL	CHECKS RUN	CHECKS PASSED	CHECKS FAILED	WARNINGS
62 / 100	DRIFT	16	9	4	3

CATEGORY	SCORE	STATUS	CHECKS
Data Residency (SB 1188)	75%	DRIFT	3/4 pass
AI Transparency (HB 149)	50%	DRIFT	2/4 pass
Clinical Integrity	50%	DRIFT	2/4 pass
NPI Integrity (Check Engine v2)	75%	DRIFT	3/4 pass

NPI INTEGRITY VERIFICATION

Check Engine v2 cross-references the provider's website content against the federal NPPES registry to identify credentialing mismatches that could indicate compliance risk or identity discrepancies.

FIELD	NPPES REGISTRY	WEBSITE	STATUS
Provider Name	Hill Country Family Medicine PLLC	Hill Country Family Med	MISMATCH
NPI Number	1234567890	1234567890	MATCH
Provider Type	Type 2 Organization	Type 2 Organization	MATCH
Primary Specialty	Family Medicine	Family Practice & Urgent Care	MISMATCH
Address	1200 Medical Pkwy, Cedar Park TX 78613	1200 Medical Parkway, Cedar Park	MATCH
Enumeration Date	2018-03-15	Not displayed	MISSING

NPI Integrity Score: 3/6 fields verified (50%) - Two name/specialty mismatches and one missing field detected. Recommend updating website content to exactly match NPPES registry records.

DETAILED FINDINGS: DATA RESIDENCY (SB 1188)

Senate Bill 1188 requires all electronic health records for Texas patients to be physically maintained within the United States. These checks verify that your digital infrastructure routes patient data exclusively through domestic endpoints.

CHECK ID	CHECK NAME	STATUS	FINDING
DR-01	IP Geo-Location	PASS	All primary server IPs resolve to US-based data centers (us-central1, us-east-1).
DR-02	CDN & Edge Cache Analysis	FAIL	Cloudflare CDN serves cached PHI-adjacent pages through Singapore (SIN) and Frankfurt.
DR-03	MX Record Pathing	PASS	Email MX records resolve to Google Workspace US (142.250.x.x). No foreign mail routing observed.
DR-04	Sub-processor Audit	WARN	Third-party analytics script (Hotjar) routes session recordings through EU servers. PHI exposure risk.

DETAILED FINDINGS: AI TRANSPARENCY (HB 149)

House Bill 149 requires physicians to disclose when AI tools are used in patient care. These checks verify that your website and patient-facing systems provide clear, conspicuous AI disclosures.

CHECK ID	CHECK NAME	STATUS	FINDING
AI-01	AI Disclosure Presence	WARN	AI disclosure page exists (/ai-disclosure) but is not linked from main navigation or footer. Accessibility score: 88.
AI-02	Dark Pattern Detection	FAIL	Disclosure link uses font-size: 9px with color: #ccc on white background. CSS properties re-rendered.
AI-03	Diagnostic AI Disclaimer	PASS	Symptom checker includes practitioner attestation: "Reviewed by Dr. Martinez, MD" with timestamp.
AI-04	Chatbot AI Notice	FAIL	Live chat widget launches without AI disclosure. Users interact with AI assistant believing it is a human.

DETAILED FINDINGS: CLINICAL INTEGRITY

These checks verify compliance with EHR system integrity requirements, including proper data field handling and patient access controls mandated by Texas administrative code.

CHECK ID	CHECK NAME	STATUS	FINDING
ER-01	Biological Sex Field	PASS	Patient intake form includes distinct "Biological Sex" field with Male/Female options based on
ER-02	Parental Access Portal	FAIL	No verifiable parental/guardian access mechanism for minor patient records. Missing conse
ER-03	Metabolic Health Tracking	PASS	BMI calculator and metabolic panels use standard clinical references with appropriate discl
ER-04	Prohibited Data Fields	WARN	Custom intake form collects "preferred pronouns" without clear separation from medical sex

CHECK ENGINE v2: NPI INTEGRITY PLUGINS

These plugin-based checks are unique to KairoLogic's Check Engine v2 and cross-reference your website content against the federal NPPES registry in real time.

CHECK ID	CHECK NAME	STATUS	FINDING
NPI-01	NPI Identity Verification	PASS	NPI 1234567890 is valid and active in NPPES. Entity type matches website representation.
NPI-02	Provider Name Match	WARN	NPPES: "Hill Country Family Medicine PLLC" vs Website: "Hill Country Family Med". Abbre
NPI-03	Specialty Verification	FAIL	NPPES primary taxonomy: "Family Medicine (207Q00000X)" vs Website claims: "Family Pr
RST-01	Data Residency Status	PASS	Provider address verified in Cedar Park, TX 78613. Texas residency confirmed for SB 1188

DATA BORDER MAP

IP geolocation analysis of all endpoints detected during the scan. Foreign endpoints represent potential SB 1188 violations if they process or cache protected health information.

DOMAIN	IP ADDRESS	LOCATION	PROVIDER	PHI RISK	STATUS
hillcountryfamilymed.com	104.21.32.xx	San Francisco, CA	Cloudflare US	LOW	DOMESTIC
portal.hillcountrymed.com	34.102.136.xx	Council Bluffs, IA	Google Cloud	HIGH	DOMESTIC
cdn.hillcountrymed.com	104.18.xx.xx	Singapore, SG	Cloudflare SG	MEDIUM	FOREIGN
cdn.hillcountrymed.com	104.18.xx.xx	Frankfurt, DE	Cloudflare EU	MEDIUM	FOREIGN
hotjar.com	52.58.xx.xx	Frankfurt, DE	AWS EU	HIGH	FOREIGN
chat.hillcountrymed.com	52.0.14.xx	Ashburn, VA	AWS US-East	MEDIUM	DOMESTIC
fonts.googleapis.com	142.250.xx.xx	Mountain View, CA	Google US	NONE	DOMESTIC
analytics.google.com	142.250.xx.xx	Mountain View, CA	Google US	LOW	DOMESTIC
stripe.com	54.187.xx.xx	Portland, OR	AWS US-West	LOW	DOMESTIC
mailchimp.com	205.201.xx.xx	Atlanta, GA	Rackspace US	LOW	DOMESTIC

Summary: 10 endpoints mapped. 7 domestic (US), 3 foreign (Singapore, Germany). Foreign endpoints include CDN edge nodes and a session recording service processing on EU infrastructure.

REMEDIATION ROADMAP

Priority-sorted action items with technical fixes. Hand this section to your web developer, hosting provider, or MSP for immediate implementation.

[CRITICAL] DR-02: CDN Foreign Edge Node Routing

Statutory Reference: SB 1188 Sec. 3(a) | Complexity: Medium | Timeline: 1-2 days

Configure Cloudflare to restrict edge caching to US-only data centers. In Cloudflare dashboard: Security > Settings > enable "US-Only Edge" or use page rules to restrict /portal/* paths. Alternatively, switch to a US-only CDN provider (AWS CloudFront with US-only distribution).

[CRITICAL] AI-04: Missing Chatbot AI Disclosure

Statutory Reference: HB 149 Sec. 2(b) | Complexity: Low | Timeline: < 1 day

Add AI disclosure as the first message in chat widget: "You are chatting with an AI assistant. A human team member can take over at any time." Add persistent "AI Assistant" badge to chat header. Add "Speak to Human" button prominently displayed.

[CRITICAL] AI-02: AI Disclosure Dark Pattern (CSS)

Statutory Reference: HB 149 Sec. 2(a) | Complexity: Low | Timeline: < 1 day

Update AI disclosure link CSS: minimum font-size: 14px, color contrast ratio 4.5:1 minimum, remove opacity < 1.0, ensure z-index >= 0. Place link in main navigation or footer. Test with WAVE accessibility tool.

[HIGH] ER-02: Missing Parental Access Portal

Statutory Reference: TX Admin Code Sec. 165.1 | Complexity: High | Timeline: 1-2 weeks

Implement parental/guardian access workflow for minor patient records. Require identity verification and consent documentation. Add "Parent/Guardian Access" link to patient portal login.

[HIGH] NPI-03: Specialty Mismatch (NPPES vs Website)

Statutory Reference: TMB Rule 164.3 | Complexity: Low | Timeline: < 1 day

Update website to match NPPES taxonomy exactly: "Family Medicine" (not "Family Practice & Urgent Care"). If practice offers urgent care, list as secondary service, not primary specialty.

[MEDIUM] DR-04: Hotjar EU Session Recording

Statutory Reference: SB 1188 Sec. 3(c) | Complexity: Low | Timeline: < 1 day

Either (a) exclude all /portal/* patient-facing pages from Hotjar tracking, or (b) switch to a US-only session recording tool (FullStory, Heap with US data residency), or (c) remove Hotjar entirely from healthcare pages.

[MEDIUM] NPI-02: Provider Name Abbreviation

Statutory Reference: TMB Rule 164.1 | Complexity: Low | Timeline: < 1 day

Update website header and footer to display full legal name: "Hill Country Family Medicine PLLC" matching NPPES registry. Abbreviated names are acceptable in marketing but full legal name must appear on the practice's primary web presence.

[LOW] AI-01: AI Disclosure Page Accessibility

Statutory Reference: HB 149 Sec. 2(a) | Complexity: Low | Timeline: < 1 day

Add link to /ai-disclosure in main site footer and patient portal navigation. Ensure page is indexed by search engines and accessible within 2 clicks from homepage.

NEXT STEPS

1. **Address CRITICAL items immediately** (DR-02, AI-04, AI-02) - these represent active statutory violations with potential enforcement exposure under SB 1188 and HB 149.
2. **Schedule HIGH priority items** (ER-02, NPI-03) within 7 days to close credentialing and access gaps.
3. **Complete MEDIUM/LOW items** (DR-04, NPI-02, AI-01) within 30 days for comprehensive compliance posture.
4. **Activate Sentry Shield monitoring** to detect future drift. Plugin updates, hosting changes, and new third-party scripts can silently re-introduce compliance gaps within weeks of remediation.

PROTECT YOUR COMPLIANCE - ACTIVATE SENTRY SHIELD

Your 3-month Shield trial includes: 7-tab live dashboard, NPI Integrity monitoring, Data Border mapping, drift alerts, and the "Data & AI Trust" badge for your website.

Start your trial: <https://kairologic.net/scan> | Questions: compliance@kairologic.net