

KAIROLOGIC
SOVEREIGNTY AUDIT REPORT

PREPARED FOR

Hill Country Family Medicine

NPI: T234567890 | Austin, TX

COMPLIANCE SCORE

58 / 100

Report ID KL-SAR-2X7F-SAMPLE
Scan Date February 8, 2026
Website www.hillcountryfamilymed.com
Engine SENTRY v3.1.0

SAMPLE REPORT — For demonstration purposes only. All data is fictional.

Executive Summary

This report presents the findings of a comprehensive sovereignty audit conducted on the digital infrastructure of Hill Country Family Medicine. The Sentry engine analyzed 12 compliance vectors across data residency, AI transparency, and clinical integrity domains as defined by Texas SB 1188 and HB 149.

The practice scored **58/100**, placing it in the **Violation Risk** category. Five issues were identified requiring immediate remediation, with an estimated combined penalty exposure of **\$250,000** under current statutory frameworks.

Category Breakdown

Category	Score	Pass	Fail	Status
Data Residency (SB 1188)	50%	2/4	2	FAIL
AI Transparency (HB 149)	25%	1/4	3	FAIL
Clinical Data Integrity	75%	3/4	1	WARN
Infrastructure Security	100%	4/4	0	PASS

Data Border Map

The following table maps every external connection detected during the scan, showing where patient data is being routed. Connections to servers outside the United States represent potential SB 1188 violations.

Endpoint	IP Address	Location	Status
hillcountryfamilymed.com	104.21.45.XXX	Dallas, TX, US	PASS
cdn.hillcountryfamilymed.com	172.67.182.XXX	San Jose, CA, US	PASS
fonts.googleapis.com	142.250.80.XXX	Dublin, Ireland	FAIL
fonts.gstatic.com	142.250.80.XXX	Dublin, Ireland	FAIL
www.googletagmanager.com	142.250.80.XXX	Dublin, Ireland	FAIL
analytics.google.com	142.250.189.XXX	Singapore	FAIL
widget.scheduling.com	35.186.224.XXX	Oregon, US	PASS
api.stripe.com	104.18.10.XXX	San Francisco, CA, US	PASS

maps.googleapis.com	142.250.80.XXX	Dublin, Ireland	FAIL
portal.athenahealth.com	54.208.XXX.XXX	Virginia, US	PASS

US Endpoints: 6 of 10 (60%)

Foreign Endpoints: 4 of 10 (40%) — Dublin (3), Singapore (1)

Violation Count: 5 foreign data routes detected

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Detailed Findings

DR-01: Google Fonts Loaded from Foreign CDN

CRITICAL

SB 1188 Section 3(a)(1) — Data Residency

The website loads Google Fonts from fonts.googleapis.com and fonts.gstatic.com, which route through Google servers in Dublin, Ireland. Every page load transmits the visitor's IP address, browser fingerprint, and referring URL to foreign servers. For patients accessing the site, this constitutes cross-border transmission of patient-identifying metadata.

RECOMMENDED FIX:

1. Download the required font files (Open Sans, Roboto) from Google Fonts
2. Host them locally in /public/fonts/ directory
3. Replace the <link> tag in <head> with local @font-face declarations
4. Remove any references to fonts.googleapis.com in CSS files

DR-02: Google Analytics Routing Data to Singapore

CRITICAL

SB 1188 Section 3(a)(2) — Data Processing Location

Google Analytics (GA4) is active on all pages, transmitting page views, session data, device information, and IP addresses to Google servers. IP geolocation confirms data processing occurs in Singapore (analytics.google.com resolves to 142.250.189.XXX). Google Tag Manager also routes through Dublin.

RECOMMENDED FIX:

1. Replace Google Analytics with a US-hosted, HIPAA-compliant alternative:
 - Plausible Analytics (EU but offers US-only hosting)
 - Fathom Analytics (US-based, privacy-first)
 - Self-hosted Matomo on a US server
2. Remove gtag.js and GTM scripts from all pages
3. If GA4 must be retained, enable IP anonymization and restrict data processing region to US

AI-01: No AI Disclosure on Scheduling Chatbot

HIGH

HB 149 Section 2(b) — AI Transparency Requirement

The practice website uses an AI-powered scheduling assistant (detected: Scheduling Widget v3.2) that interacts with patients to book appointments. No disclosure is present informing patients they are interacting with an AI system. HB 149 requires "clear and conspicuous" disclosure before any AI-patient interaction.

RECOMMENDED FIX:

1. Add a visible disclosure banner above the chatbot widget:
"This scheduling assistant uses artificial intelligence. You may request to speak with a human staff member at any time."
2. Include disclosure in the chatbot's first message
3. Add AI disclosure to the website footer and privacy policy
4. Implement opt-out mechanism for patients who prefer human interaction

AI-02: AI-Generated Content Without Attribution

MEDIUM

HB 149 Section 2(c) — Content Transparency

Blog posts on the practice website contain markers consistent with AI-generated content (detected: 3 posts with high AI probability scores). HB 149 requires disclosure when patient-facing healthcare content is generated or substantially assisted by AI systems.

RECOMMENDED FIX:

1. Audit all blog posts and patient education content for AI generation
2. Add disclosure footer to AI-assisted content:
"This content was created with AI assistance and reviewed by [Provider Name], MD"
3. Have a licensed provider review and approve all AI-generated content
4. Establish an editorial review process for future AI-assisted content

CI-01: Google Maps Embed Leaking Referrer Data

MEDIUM

SB 1188 Section 3(a)(1) — Data Residency

An embedded Google Maps iframe on the Contact page transmits referrer data (including the full URL path) to Google servers in Dublin. While the map itself doesn't contain PHI, the referrer header can reveal that a user is visiting a healthcare provider's website, which constitutes patient-identifying metadata under SB 1188's broad definition.

RECOMMENDED FIX:

1. Replace Google Maps embed with a static map image
2. Or use a US-hosted mapping alternative (Mapbox with US-only processing)
3. If Google Maps is retained, add `referrerpolicy="no-referrer"` to the iframe
4. Add Content-Security-Policy headers to restrict data leakage

Remediation Roadmap

The following prioritized remediation plan will bring your practice to full compliance. Items are sorted by severity and estimated impact on your compliance score.

Priority	Action	Est. Time	Score Impact
1 - CRITICAL	Self-host Google Fonts locally	30 min	+10 pts
2 - CRITICAL	Replace Google Analytics with US-hosted alternative	12 hrs	+10 pts
3 - HIGH	Add AI disclosure to scheduling chatbot	15 min	+8 pts
4 - MEDIUM	Add AI attribution to blog content	30 min	+7 pts
5 - MEDIUM	Fix Google Maps referrer leakage	15 min	+7 pts

Current Score: 58 / 100 (Violation Risk)

Projected Post-Fix: 100 / 100 (Sovereign)

Total Remediation Time: 2.5 - 3.5 hours

Penalty Exposure Eliminated: \$250,000+

Statutory Reference

Texas SB 1188 — Healthcare Data Sovereignty Act

Requires healthcare providers to ensure patient health information (PHI) is processed and stored exclusively within US borders. Violations carry civil penalties up to \$50,000 per occurrence.

Texas HB 149 — AI Transparency in Healthcare Act

Requires healthcare entities to provide clear and conspicuous disclosure when AI systems interact with patients or generate patient-facing content. Non-compliance is subject to regulatory action.

Next Steps

- 1. Implement Fixes** — Hand this report to your web developer or hosting provider. The Remediation Roadmap contains exact technical instructions.
- 2. Re-Scan** — After implementing fixes, run another free scan at kairologic.net/scan to verify your score has improved.
- 3. Start Monitoring** — Activate Sentry Shield (\$79/mo) for 24/7 compliance monitoring, drift alerts, quarterly forensic reports, and annual certification.
- 4. Display Compliance** — Once sovereign, embed the KairoLogic compliance widget on your website to demonstrate ongoing diligence to patients and regulators.

Legal Disclaimer: This report is provided for informational purposes only and does not constitute legal advice. KairoLogic is not a law firm. Consult with a qualified healthcare compliance attorney regarding specific legal obligations. Compliance status is point-in-time and subject to change with website updates, regulatory changes, or infrastructure modifications. This is a SAMPLE report with fictional data for demonstration purposes.

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