

EncryptaGuard: The Home Safety Audit & Privacy Risk Report (2026)

1. The Executive Summary: The Household Privacy Gap

In 2026, the average home network is the primary entry point for identity thieves. While families often believe they have "nothing to hide," the average household now contains over 20 connected devices—including smart cameras, doorbells, and personal phones—each acting as a potential backdoor. EncryptaGuard is a hardened, drop-in Home Gateway designed to shield your family's digital life from predatory data harvesting and cyber threats.

2. The Real Cost of a Personal Data Breach

When a home network is compromised, the burden of recovery falls entirely on the family. Recovering a stolen identity or securing compromised financial accounts is a multi-month ordeal that standard antivirus software cannot prevent.

Threat Category	Estimated Recovery Cost	Impact Description
Identity Restoration	\$1,500 – \$5,000	Professional services required to reclaim stolen social security and financial identities.
IoT Device Replacement	\$500 – \$2,500	Hard-resetting or replacing compromised "smart" home hardware like cameras and hubs.
Personal Time Loss	100+ Hours	The average time spent by individuals resolving fraudulent charges and securing accounts.

3. The "Invisible" Threat: ISP Data Harvesting

While businesses face regulatory fines, families face a constant erosion of privacy.

- **The ISP Profile:** Standard routers allow your ISP to track and sell your family's browsing habits to third-party advertisers.
- **The Smart Home Backdoor:** Unsecured IoT devices (cameras and doorbells) are frequently scanned by botnets looking for lateral entry into your personal computers.

4. Household ROI: Reclaiming Your Performance

EncryptaGuard pays for itself by optimizing your home's existing internet subscription.

- **Bandwidth Recovery:** We block the "invisible weight" of trackers and background scripts that steal up to **40% of your bandwidth**.
- **4K & Gaming Optimization:** Our edge processing delivers a browsing experience up to **3x faster**, ensuring your family's streaming and gaming take priority over junk data.

5. The EncryptaGuard Advantage: Hardware-Level Defense

We replace vulnerable ISP defaults with a hardened gateway layer.

- **Physical IoT Isolation:** We sit between your modem and router to ensure a compromised smart camera cannot "see" your personal devices.
- **Total Privacy:** All processing happens locally on your node; your family's browsing history never leaves your house.
- **Zero-Touch Safety:** Automated threat updates ensure your home is protected from the latest 2026 malware without you ever needing to be a tech expert.

Lead Engineer: Tanner Sutherlin **Website:** www.encryptaguard.com