

COMMERCIAL FRONT-END HOSTING PROJECTION

PROJECT TITLE: Multi-Tenant Front-End Cloud Infrastructure Cost Plan

PHASE LAYER: 3-to-5-Year Front-End Web Hosting & SOHO Sync Matrix

DATE: August 30, 2026

CLASSIFICATION: Confidential - Public Cloud Architecture Deployment Profile

1. LOGICAL SYNC INTERACTION (AIR-GAP TO PUBLIC CLOUD)

To prevent external malicious actors from establishing a network path to your SOHO workspace, the public website files are entirely decoupled from your hardware.

* THE SYNC FLOW:

[SOHO Local Staging PC] -> [32GB Flash Drive Key] -> [Internet-Connected Laptop]

-> [Encrypted Outbound Upload] -> [Global Public Cloud Edge Nodes]

Your AI Chatbots live directly on the public cloud nodes. Public website traffic terminates at the cloud layer, meaning malicious traffic can never cross back down the pipeline to touch your internal family workspace.

2. 3-TO-5-YEAR COST PROJECTION MATRIX (PER-WEBSITE BASIS)

TIMELINE PHASE CONFIGURATION PROFILE		COST PER SITE	
PORTFOLIO TOTAL			

Year 1 (1 Site)	Domain (.com) + Free Cloudflare	\$12.00 / yr	\$12.00 / yr
Year 2 (3 Sites)	3 x Domains + Cloud Storage Tiers	\$12.00 / yr	\$36.00 / yr
Years 3-5 (12)	12 x Domains + Pro Cloud Rules	\$15.00 / mo	\$180.00 / yr

3. COMPONENT DETAIL & SEGMENTATION ESTIMATES

* AUTOMATED FRONT-END ENGINE (Vercel / Netlify / Cloudflare Pages)

- Cost Estimate: \$0.00 (Permanent Free Tiers for solo operators)

- Detail: These platforms host your website's visual layers across global data centers.

They charge nothing for bandwidth or static pages, meaning your website can handle

millions of public visitors simultaneously for a net hosting bill of zero.

* DOMAIN REGISTRATION (Cloudflare Registrar / Namecheap)

- Cost Estimate: ~\$12.00 per year, per domain.

- Detail: The only fixed recurring front-end infrastructure expense is purchasing your identity links (e.g., yourwebsite.com). Cloudflare sells domains at wholesale cost with zero markup.

* ADVANCED DATA INTERFACE (Optional API Staging / Cloudflare Tunnel)

- Cost Estimate: \$0.00 - \$5.00 per month (Only when running dynamic user databases).
- Detail: If a specific website requires a dynamic database that cannot be updated via the 32GB sneakernet key, a secure "Cloudflare Tunnel" client (cloudflared) is executed on your internet-connected SOHO gateway. This allows a secure, one-way, outbound tunnel to stream encrypted bits to the front end without opening any inbound ports on your local router.

4. SYSTEM OPERATIONAL FOOTNOTES

----- MODULAR DOMAIN SCALING

During Phase 1 and Phase 2, cumulative web hosting expenses are limited exclusively

to your individual domain registrations (~\$12/year per website).

Enterprise tiers are

only required if portfolio message bandwidth across your isolated AI instances triggers

premium high-volume API caps.

SECURITY IMMUNITY VECTOR

Because your website's front-end code is deployed as completely static compiled

files (HTML/CSS/JS) to the cloud, it is physically impossible for hackers to deface

or compromise your backend SOHO servers. If a public site is hit with a massive DDoS

cyber-attack, the cloud host absorbs the hit seamlessly, leaving your local SOHO

workspace entirely unaware and unaffected.

=====