

MixMasters, Inc.

Security Overview for mmcl.d.site

Private Verification & FTPS Support Domain

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1. Introduction

The domain mmcl.d.site is a private, security-hardened endpoint used exclusively for IT verification and support related to MixMasters' FTPS-based software services. This document provides a technical overview of the security measures implemented to ensure confidentiality, integrity, and controlled access.

The domain is not intended for public use, contains no customer data, and serves only a single informational landing page located at: <https://www.mmcl.d.site/home/>

2. Purpose of the Domain

The domain exists to:

- Provide a secure landing page for IT departments verifying MixMasters' FTPS services
- Offer a trusted reference point for customers evaluating network and security posture
- Maintain a minimal, controlled, and non-indexable presence on the public internet

No software downloads, forms, authentication systems, or interactive components are hosted on this domain.

3. HTTPS, SSL, and Transport Security

All traffic to mmcd.site is encrypted and authenticated.

3.1 HTTPS Enforcement

- All HTTP requests automatically redirect to HTTPS
- No content is served over unencrypted channels

3.2 SSL Certificate

- Valid Let's Encrypt certificate
- Full certificate chain provided
- Trusted by all major browsers and operating systems

3.3 HSTS (Strict Transport Security)

Configured with: max-age=31536000; includeSubDomains; preload

This ensures mandatory HTTPS, protection against downgrade attacks, and long-term transport security.

4. Security Headers (A+ Rating)

The /home endpoint has been evaluated using industry-standard tools and received an A+ rating.

Implemented protections include:

- Content-Security-Policy (CSP) restricting all external resources except the SiteLock badge
- X-Frame-Options: DENY (prevents clickjacking)
- X-Content-Type-Options: nosniff
- Referrer-Policy: no-referrer
- Permissions-Policy disabling all browser features
- Cache-Control: no-store (prevents caching)
- X-Robots-Tag: noindex, nofollow, noarchive

- X-XSS-Protection: 1; mode=block

5. SiteLock / Imperva Security Layer

The domain is protected by SiteLock (Imperva), which provides:

- Web Application Firewall (WAF)
- Bot and crawler mitigation
- Threat detection and filtering
- Additional header enforcement
- Session isolation

6. Crawlability & Indexing Controls

The domain is intentionally non-discoverable.

Controls implemented:

- robots.txt disallows all crawlers
- X-Robots-Tag blocks indexing and archiving
- No sitemap entries reference the domain
- No backlinks exist
- No public content is served

7. Directory & File Access Controls

The .htaccess configuration enforces strict access rules:

- Directory listing disabled
- Sensitive file types blocked (.env, .json, .xml, .gitignore, etc.)
- Only safe static assets permitted
- No server configuration files exposed

8. Alternate Hostname & Protocol Validation

All access paths were tested:

- https://mmcld.site/
- http://mmcld.site/
- https://www.mmcld.site/
- http://www.mmcld.site/

Results:

- All HTTP requests redirect to HTTPS
- No content leakage
- No default hosting pages
- No directory exposure
- Consistent security headers across all variants

9. FTPS Isolation

FTPS services operate on a separate server and protocol and are not affected by the web configuration.

- FTPS uses gator4269.hostgator.com
- .htaccess does not impact FTPS
- CSP does not impact FTPS
- SiteLock does not filter FTPS
- SSL for FTPS is handled independently

10. Overall Security Assessment

The domain mmcld.site is secure, private, non-indexable, HTTPS-only, protected by SiteLock, hardened with modern security headers, isolated from FTPS operations, minimal and non-interactive, and free of sensitive data.

11. Contact Information

For additional security documentation or technical inquiries, please contact:

MixMasters, Inc.

Technical Support & Security

<https://www.mixmasters.com/contact>