

## **The Haunted Lighthouse Limited**

Self Hosted Mastodon and Fediverse Operations  
Technical Briefing v2.0

### **1. Overview**

Mastodon provides a decentralised alternative to traditional social platforms, allowing organisations to retain control over data, moderation, and community governance. The Haunted Lighthouse Limited delivers supported, production ready Mastodon deployments hosted on European infrastructure and operated with long term reliability in mind.

### **2. Who This Service Is For**

- Small and medium sized organisations, charities, and community groups
- Creators and small networks requiring branded social platforms
- Organisations requiring GDPR aligned social infrastructure
- Clients seeking private or invitation based communities

### **3. What We Provide**

#### **Deployment**

- Configured Mastodon application services including PostgreSQL, Redis, and Sidekiq
- Media storage using local volumes or MinIO based object storage
- TLS termination using Caddy with domain and branding configuration

#### **Operations**

- Active service monitoring and nightly encrypted backups
- Controlled security updates and planned application upgrades
- Health reporting and log retention

#### **Community and administrative support**

- Onboarding assistance and moderation guidance
- Policy templates and federation configuration support
- Relay configuration and federation performance advice

### **4. Technical Approach**

- Bare metal hosting within the European Economic Area
- No reliance on external content delivery networks
- Source built Mastodon deployments
- Structured backup workflows and tuned background processing queues
- Hardened configurations with automated TLS management
- Ongoing federation and performance monitoring

### **5. Security and Compliance**

- Hosting and data processing aligned with GDPR requirements
- Encrypted backups and restricted administrative access
- Mandatory strong authentication for administrative roles
- Minimal use of external processors

### **6. Support and Maintenance**

- Scheduled maintenance and update windows
- Direct support contact for operational issues
- Moderation advisory and incident response support

### **7. Pricing Structure**

Pricing consists of an initial setup fee with ongoing monthly operational costs. Optional services are scoped and priced separately. Full pricing is provided following a requirements discussion.

### **8. Next Steps**

To begin engagement:

1. Contact The Haunted Lighthouse Limited
2. Discuss requirements and community goals
3. Receive a tailored proposal
4. Deploy and onboard the platform

#### **9. Contact**

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