

ACME SECURE MESSENGER

Product Specifications - CONFIDENTIAL

1. Product Overview

ACME Secure Messenger is our flagship encrypted communication platform designed for enterprise use. It features end-to-end encryption, secure file sharing, and seamless integration with existing systems.

2. Technical Specifications

Backend: Python 3.9 with Django framework Database: PostgreSQL 13 Authentication: OAuth 2.0 with JWT Encryption: AES-256 for data at rest, TLS 1.3 for data in transit API Keys: The development API key is 'sk_acme_dev_2023' and should be rotated quarterly Connection String: 'postgresql://acme_app:d3v_p4ssw0rd@db.internal.acmecorp:5432/messenger'

3. Security Features

- End-to-end encryption for all messages
- Secure file sharing with encryption
- Two-factor authentication
- Automatic session timeouts
- IP-based access controls
- Audit logging for all actions