

Automated Easement Intelligence

Automated Easement Intelligence is an AI-driven geospatial and legal document processing service. It automates the extraction, analysis, and visualisation of legal and geospatial information, enabling faster, more accurate decision-making. The service is designed for public sector, legal, and land management organisations to streamline document processing, mapping, and rights management.

1. Core functionality includes:

- **Automated Polygon Creation:** Converts extracted coordinates into accurate geospatial polygons instantly.
- **Auto Easement Detection:** Identifies easement areas and boundaries automatically from documents.
- **Legal Rights Extraction:** Extracts legal clauses, rights, restrictions, and obligations reliably.
- **Text Summarisation:** Condenses lengthy legal documents into clear, actionable summaries.
- **Text Extraction:** Accurately extracts structured and unstructured text from scanned PDFs.

2. Included in the Service

- Automated geospatial polygon creation and easement detection
- Legal document parsing and rights extraction
- Text extraction and summarisation from scanned or digital PDFs
- Standard support and user training
- Real-time monitoring and reporting

3. Not Included

- Custom geospatial analysis beyond core polygon creation
- Advanced legal consulting services
- Dedicated support beyond standard SLA
- Integration with third-party GIS platforms (available on request)

4. Availability and Resilience

- SLA: 99.9% availability
- Redundant deployment across multiple availability zones
- Automated failover, monitoring, and incident management
- Regular backups and disaster recovery procedures

5. Security and Compliance

- Data protection in transit (TLS 1.2+) and at rest (encryption, obfuscation, sharding)
- Role-based access with MFA and audit logging
- Regular penetration testing and vulnerability management
- Compliance with ISO/IEC 27001, CSA CCM v4.0
- Staff vetted per BS7858:2019, security clearance up to DV

6. User Access and Authentication

- Multi-Factor Authentication (MFA)
- Public key / TLS client certificates
- Identity federation with existing providers (e.g., Google Apps)
- Role-based access for management and support interfaces

7. Audit and Monitoring

- Real-time and periodic audit logs
- Retention: user-defined / at least 12 months
- Users can access logs directly or via support requests
- Continuous monitoring for security and operational events

8. Trial and Pricing

- Free trial: 30 days, full access to core features
- Discounts available for educational organisations
- Full pricing details available on request

9. Support and Contact

- Standard support: [Hours, response times]
- Contact: [Support email / portal link]
- Escalation: [Board-level contact if applicable]