

# Security and Compliance in External Data Acquisition

We embed data security into everything we do

When it comes to our customers and their data, we recognize the essential importance of security and compliance. From the secure software development lifecycle (SSDLC) of the Explorium External Data Platform and data services, to our implementation processes and how we protect customers' privacy.

We comply with comprehensive, industry-leading standards, regulations and frameworks, including:

- SOC 2 Type 2 audits
- ISO27001 – an information security standard
- ISO27701 – a privacy standard
- ISO9001 – a quality standard
- Ongoing internal security audits and reviews
- Our dedicated security team, led by an [ISACA CISM](#) Certified CISO
- Following the NIST 800-53 Cybersecurity risk management approach (Identify – Detect – Protect – Respond – Recover) for constant improvement and alignment with current risks
- Undertaking external security audits and penetration testing for our architecture and platform
- Implementing continuous external infrastructure vulnerability assessments

## SOC 2 Type 2, ISO27001, ISO27701, and ISO9001 Compliance

As part of our SOC 2 Type 2 and ISO certifications, we comply with the following:

- Building an all-inclusive information security and privacy policy
- Defining an information security and cyber risk assessment process
- Configuring a risk treatment process
- Constantly improving our information security and privacy posture
- Constant monitoring and measurement of information security and privacy

## Rest and Transit Encryption

We use the AES 256 algorithm for encryption at rest, and TLS 1.2 or higher for encryption in transit, with AWS KMS in use for sensitive information.

## Penetration Testing

Internal and external infrastructure penetration tests are performed alongside application-level analysis on at least an annual basis. We also retest after significant platform code or architecture changes by using third-party vendors. All these reports are available under Non-Disclosure Agreements.

## Risk Assessment and Management

Applied across the entire scope of the Information Security Management System (ISMS), Privacy Management Systems (PIMS) and Quality Management Systems (QMS), we ensure there's an ongoing assessment of all our processes. We follow internal and external audits for all the assets used within the organization, as well as any external assets which could impact on information security, privacy, or quality. These assessments are formally approved by Explorium's management and coordinated by our CISO and security team.

## Top-Tier Cloud Provision

Explorium uses AWS, Azure, and GCP to maximize control over the information security fundamentals of confidentiality, integrity, and availability (CIA).

Combining the best of major CSPs means we benefit from top-tier data centers and network architecture. Helping us protect our customers' information, identities, applications, and devices. We work to continuously improve our ability to meet core security standards and compliance requirements, for example in data locality, protection, and confidentiality.

## Vulnerability Scans

Explorium uses multiple vulnerability assessment scanners to provide a secure environment for our customers. These risks are categorized, monitored and fixed according to our risk treatment program.

## Awareness and Training Programs

We implement an Information Security (IS) awareness program drawn from various sources. This helps to ensure our compliance with regulation by training our employees in general information security awareness and security development awareness, among other areas.

## Secure Coding

To keep our security up-to-date we use the agile SDLC model framework. This approach produces a succession of releases which each feed back information to be incorporated into the next version. Our static code analysis process is implemented following this framework.

**We're serious about our data security commitment to our employees, customers, and partners. so that you can focus on putting your data to work.**

## About Explorium

Explorium provides the first External Data Platform to improve Analytics and Machine Learning. Explorium enables organizations to automatically discover and use thousands of relevant data signals to improve predictions and ML model performance. Explorium External Data Platform empowers data scientists and analysts to acquire and integrate third-party data efficiently, cost-effectively and in compliance with regulations. With faster, better insights from their models, organizations across fintech, insurance, consumer goods, retail and e-commerce can increase revenue, streamline operations and reduce risks. Learn more at [www.explorium.ai](http://www.explorium.ai)