



Your Data. Our Capabilities.

SECURING YOUR DATA:

Our Commitment to Cloud, AI, and Data Safety

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Third-Party Vendor Management Disclaimer

DataExos is dedicated to ensuring that engagements with Third-Party Vendors, including contractors and cloud service providers, do not pose any risks to the Company, Our clients, or their data. We conduct ongoing due diligence through periodic reviews, which may occur upon contract renewal or annually or sooner, depending on the level of risk associated with the engagement. As part of their involvement with **DataExos**, Third-Party Vendors are mandated to meet specific minimum security requirements.

For easier readability, infrastructure, services, security measures, teams, and tools provided by Third-Party Vendors, will hereinafter be referred to as infrastructure, services, security measures, teams, and tools provided by "DataExos." Any infrastructure, services, security measures, teams, or tools mentioned or described herein will be assigned and referred to as "Our" or "our" infrastructure, services, security measures, team(s), or tools. Associations with infrastructure, services, security measures, teams, or tools may also be drawn using "We" or "we," followed by the related action(s). These associations shall only be bound for the purposes of this portable document format (PDF) or printed unedited version of this PDF and should not be viewed as binding or "assigned" in any legal sense. In certain sections of this document, Cloud Service Providers and contracted Third-Parties may be referred to as "provider(s)." You can request a copy of the list of Cloud Service Providers we work with during an initial consultation. We do not disclose other Third-Parties.



OUR SECURITY MANDATE

In today's data-driven world, safeguarding your valuable information is paramount. At **DataExos**, we understand the significance of data security and have made it our top priority. This document outlines the security measures we employ and provides insights into our unwavering dedication to keeping your data safe.

In the following pages, we will delve into our data security philosophy, detailing the strategies and technologies we employ to protect your data. From comprehensive data encryption to access control, threat detection, and compliance standards, you'll gain a comprehensive understanding of the measures we take to ensure the integrity and confidentiality of your data.

We believe that trust is earned, and our commitment to data safety is not just a promise but a set of practices and protocols we follow diligently.

Our Data Security Philosophy

At **DataExos**, data security is not merely a practice; it's a philosophy that underpins everything we do. In this section, we'll delve into the core principles and values that guide our approach to safeguarding your data.

Client-Centric Approach: Our foremost principle is understanding your unique data security needs. We tailor our strategies to align with your specific requirements and industry standards, ensuring a personalized and effective security solution.

Continuous Vigilance: We operate in a dynamic digital landscape where threats evolve rapidly. Our commitment to data security means that we are always vigilant, monitoring for emerging

...data safety is not just a promise but a set of practices and protocols we follow diligently.



threats and proactively adapting our security measures to stay one step ahead.

Transparency and Trust: We believe that trust is built on transparency. You'll find that our data security practices are transparent, and we are always available to address your questions and concerns. We aim to provide you with a clear view of how we protect your data.

Adherence to Best Practices: Our data security protocols are based on industry best practices and standards. We maintain compliance with regulations to ensure that your data is handled in accordance with the highest security standards.

Investment in Innovation: Data security is an ever-evolving field. We continually invest in cutting-edge technologies and research to stay at the forefront of data protection. Our commitment to innovation ensures that your data remains secure in the face of emerging threats.

By adhering to these guiding principles, DataExos ensures that our data security philosophy remains robust and adaptable to the evolving challenges of the Digital Age. In the subsequent sections, we'll detail the specific strategies and technologies we employ to put these principles into action, safeguarding your data at every step of its journey.

Comprehensive Data Encryption

Data encryption forms the bedrock of our data security strategy at [DataExos](#). In this section, we'll explore the crucial role encryption plays in protecting your sensitive information.

End-to-End Encryption: Every interaction with **DataExos** takes place through a secure, encrypted channel. We utilize Secure Socket Layer (SSL) technology to safeguard your documents, passwords, and all interactions with **DataExos** against eavesdropping.

Data At Rest Encryption: Your data is equally safeguarded when it's stored in our systems. We utilize Amazon Web Services (AWS) to host your data. AWS is a globally trusted and widely relied upon provider known for delivering exceptionally secure and scalable infrastructure worldwide. **DataExos** employs Advanced Encryption Standard (AES)-256 encryption to secure your documents and all data stored in our databases while at rest. This provides an additional layer of security, even if physical access is gained to our storage infrastructure. Moreover, documents stored in the data center are isolated within a dedicated data network specifically designed to safeguard sensitive information. **DataExos** employs

the Payment Card Industry (PCI) Data Security Standard (DSS) as a comprehensive framework to establish a strong security protocol within this environment.

Strong Encryption Standards: AES 256 encryption offers significant cybersecurity advantages. Firstly, while not entirely impervious, it would take an extraordinary amount of time, potentially up to 10-18 years, for even the most advanced hackers and supercomputers to crack it, making it exceptionally secure. Secondly, AES 256 employs symmetric keys, offering fast encryption speeds, suitability for large data volumes, and lower computational requirements. Lastly, it stands out as the most secure option among AES encryption layers, particularly in anticipation of the emergence of quantum computers, establishing it as the gold standard for future-proof encryption that would require an infeasible number of combinations to be cracked by hackers. This all might be why the National Security Agency (NSA) approved the AES-256 encryption standard to protect both secret and top-secret U.S. government information.

By employing comprehensive data encryption strategies, we provide you with the peace of mind that your data is safeguarded from unauthorized access at all times, whether it's in transit or at rest. In the next section, we'll delve into our access control and authentication measures, which further enhance the security of your data.

Access Control and Authentication

Controlling access to your data is paramount to its security, and at DataExos, we take this responsibility seriously. In this section, we'll explore our robust access control and authentication measures.

Role-Based Access: We implement role-based access control, ensuring that only authorized individuals can access or edit specific data sets. User roles are defined, and access permissions are granted accordingly, minimizing the risk of unauthorized data access.

Strong Password Policies: DataExos mandates a robust password policy, requiring passwords to be at least 12 characters long and include a combination of the following: an uppercase letter, a lowercase letter, a number, and punctuation.

Two-Factor Authentication (2FA): We go beyond traditional username and password systems by implementing two-factor authentication. This means that in addition to a password, users must provide an additional authentication factor: a one-time verification code that helps verify their identity whenever they log in from a new web browser or an unrecognized device.

Granular Permissions: We understand that not all data is created equal. Our systems allow for granular permissions, meaning we specify exactly who can access what data and what actions they can perform. This fine-grained control ensures that your data remains secure from internal threats.

Audit Trails: We maintain detailed audit trails of data access and actions. This allows for traceability and accountability, ensuring that any unauthorized or suspicious activities are quickly detected and addressed.

Security Testing: We indirectly maintain a partnership with a well-known penetration testing service provider to conduct security assessments. Their approach is founded on the principle of 'Continuous Offensive Testing,' which entails an ongoing testing model. These security evaluations encompass internal security assessments, penetration testing, Red Team assessments, and vulnerability scanning.

By implementing rigorous access control and authentication measures, we provide you with the assurance that your data is only accessible to those who have legitimate reasons to access it. In the subsequent sections, we'll delve into our threat detection and prevention strategies, further fortifying the security of your data.

Threat Detection and Prevention

In an ever-evolving digital landscape, the proactive identification and prevention of threats are paramount to data security. At DataExos, we have developed a robust approach to threat detection and prevention.

Advanced Threat Detection Tools: We deploy cutting-edge threat detection tools and technologies that continuously monitor your data environment. These tools identify potential threats, anomalies, and vulnerabilities in real-time.

Behavioral Analysis: Our systems utilize behavioral analysis to recognize unusual user behavior patterns that may indicate a security breach. This approach goes beyond signature-based detection and adapts to emerging threats.

Anomaly Detection: Our algorithms are designed to detect anomalies that may signify a security threat. This could include unusual data access, data transfer, or login patterns that deviate from the norm.

Automated Responses: In the event of a suspected threat or breach, our systems are equipped with automated responses. These responses can range from

temporary access suspension to immediate alerts for further investigation.

Threat Intelligence Integration: We integrate threat intelligence feeds and databases to stay updated on the latest threats and attack vectors. This ensures that our threat detection capabilities are always informed by the latest threat landscape.

By employing these advanced threat detection and prevention strategies, we maintain a proactive stance in safeguarding your data. In the next section, we'll discuss our data backup and disaster recovery measures, ensuring the continuity of your operations even in the face of unexpected events.

Data Backup and Disaster Recovery

In the digital world, unforeseen events can occur, ranging from hardware failures to natural disasters, which may put your data at risk. Our commitment to your data's safety extends to robust data backup and disaster recovery measures.

Regular Data Backups: DataExos ensures the safety of your files by storing duplicates in both its live data center and offsite archives. Redundant copies are generated immediately upon file upload, while archived versions are created within 24 hours. Deleted files can be restored within a 90-day window using the recycle bin feature, and you have unlimited access to file revision history.

Redundant Storage: Your documents and metadata are consistently stored using a highly redundant replicated storage system. Multiple copies of both metadata and documents are maintained across various geographical locations and undergo regular backups to guarantee data accessibility and availability.

Data Recovery Protocols: In the event of data loss or an unforeseen disaster, we have well-defined data recovery protocols in place. These protocols outline the steps to restore your data quickly and efficiently.

Testing and Validation: We deploy cutting-edge threat detection tools and technologies that continuously monitor your data environment. These tools identify potential threats, anomalies, and vulnerabilities in real-time.

Business Continuity Planning: DataExos has a Service Level Agreement (SLA) in place with its secure cloud storage and data retrieval provider that ensures 99.9% uptime for access to your documents, any time, anywhere. The provider consistently maintains a formal Business Continuity Plan (BCP) that undergoes regular review and updates. This plan empowers the provider to swiftly address various failure events, encompassing natural disasters and system failures. It outlines the specific functional roles and responsibilities necessary for establishing, maintaining, testing, and assessing the business continuity capabilities across all facets of its operations. The primary objective of this program is to minimize adverse effects on the provider and ensure the continuity of

critical business processes until normal operating conditions are reinstated.

Our data backup and disaster recovery measures are designed to provide you with confidence in the security and availability of your data, even in the face of unexpected challenges such as natural disasters, power failures, or human errors. In the subsequent sections, we'll delve into our adherence to compliance and regulatory standards, as well as our commitment to continuous monitoring and improvement.

Compliance and Regulatory Standards

In an environment where data privacy and regulatory requirements are constantly evolving, DataExos is committed to maintaining the highest standards of compliance. We understand the importance of adhering to industry-specific regulations and guidelines.

Regulatory Expertise: Our team is well-versed in industry-specific regulations, including but not limited to GDPR, HIPAA, FINRA, SEC, and more. We ensure that our data security practices align with the specific requirements of your industry.

Data Privacy Assurance: We prioritize data privacy and implement stringent data protection measures to safeguard sensitive information. We do not engage in the sale or rental of your nonpublic personal information or business data to any third parties without

your explicit consent. Furthermore, we do not disclose your personal information or business data to external entities for promotional or marketing purposes; it remains confidential within DataExos.

Regular Compliance Audits: We conduct regular compliance audits to ensure that our practices and technologies remain in compliance with relevant regulations. These audits provide you with the assurance that your data is handled with the utmost care and in accordance with the law.

Secure Data Handling: Our data handling processes are designed to meet regulatory requirements from data collection and storage to processing and disposal. We prioritize secure data transmission and storage throughout the data lifecycle.

By aligning our practices with industry-specific compliance and regulatory standards, we ensure that your data remains not only secure but also in compliance with the law. In the next section, we'll discuss our dedication to continuous monitoring and improvement to stay at the forefront of data security.

Continuous Monitoring and Improvement

Data security is not a one-time effort; it's an ongoing commitment that requires vigilance and adaptability. At DataExos, we are dedicated to continuous monitoring and improvement of our data security practices.

Real-Time Monitoring: Our systems are equipped with real-time monitoring capabilities. We continually track data access, anomalies, and potential threats, ensuring immediate response to any deviations from the norm.

Incident Response: In the event of a security incident, our incident response team is ready to act swiftly. We follow well-defined incident response protocols to contain and mitigate threats, minimizing potential damage. More specifically, we indirectly adhere to a formalized Incident Response Plan that aligns with recommended security practices outlined in standards from the International Organization for Standardization (ISO), the United States National Institute of Standards and Technology (NIST), and other industry frameworks.

Security Updates: We stay up to date with the latest security updates, patches, and vulnerability disclosures. Our systems are regularly updated to address any potential security weaknesses promptly.

Security Training: Our team undergoes continuous security training to stay informed about emerging threats and best practices. This ensures that our staff is well-prepared to handle evolving security challenges.

Performance Optimization: We are committed to not only maintaining but also optimizing the performance of our security measures. This includes fine-tuning our security systems for efficiency and effectiveness.

By emphasizing continuous monitoring and improvement, we guarantee that our data security practices remain robust and adaptable to evolving threats.



Gain peace of mind with DataExos as your trusted partner in data safety.



This document, "**Securing Your Data: Our Commitment to Cloud, AI, and Data Safety**," highlights our comprehensive approach to safeguarding your valuable information. From robust encryption to vigilant threat detection, we leave no stone unturned in ensuring your data's security. Engage with DataExos with confidence, knowing that we're committed to protecting what matters most.

SECURITY AT EVERY STEP OF THE PROCESS

1. DISCOVERY CALL
2. AUDIT, DESIGN, AND ROADMAPPING
3. BUILD AND OPTIMIZATION
4. PRODUCTION
+
CONTINUOUS IMPROVEMENT

GET STARTED TODAY

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YOUR DATA. OUR CAPABILITIES.