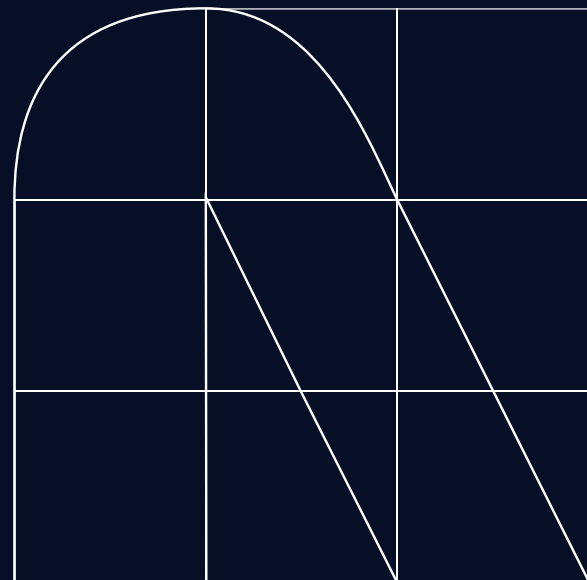


Syntphony Security Privacy and Integrity Platform

**Data governance and management platform that improves security, privacy and integrity.
Zero-trust cryptography: from start to finish, totally secure.**

Syntphony Security Privacy and Integrity Platform powers data governance with strong security measures. Using Attribute-Based Encryption and Secure Multi-Party computing, it ensures the secure use and exchange of Data according to a Zero-trust model, whether integrated with existing services or as a standalone solution. Syntphony Security Privacy and Integrity Platform, your business data is always secure and more than secure.





What is Syntphony Security Privacy and Integrity Platform

In today's data-centric landscape, organizations face a **pressing need to safeguard their most valuable asset: data.**

Syntphony Security Privacy and Integrity Platform offers a **comprehensive solution**, leveraging cutting-edge cryptographic technologies such as **Attribute Based Encryption** and **Secure Multi-party Computation**.

With stringent regulations like GDPR and CCPA in play, the stakes are higher than ever.

By providing **on-demand data protection** at the layer level, our platform **ensures compliance** while facilitating secure data sharing and utilization.

Experience peace of mind knowing your data is safeguarded against threats, empowering your organization to navigate regulatory complexities with confidence.





Syntphony Security Privacy and Integrity Platform is the **ultimate data protection solution for enterprises**, ensuring **highly secure lifetime protection** for the anonymized data/file layer by leveraging **on-demand attribute-based encryption (ABE)** via a **REST interface**, dedicated regardless of storage location.

Attribute-based encryption is the core cryptography technology and its unique feature is built-in attribute-based access control, which can support cross-industry use cases.

By offering independence from specific vendor software implementations, **our platform facilitates a multi-cloud, multi-vendor strategy**.

With a **robust access control policy**, we **minimize the risk of large-scale data breaches**, providing peace of mind to organizations across all industries.

Syntphony Security Privacy and Integrity Platform, the peace of mind of well-secured data.





In today's data-driven world, **businesses face the enormous challenge of safeguarding their valuable assets** against evolving threats.

Syntphony Security Privacy and Integrity Platform is an innovative solution with great **differential advantages**:

- Highly **secure lifetime protection** built in with data/files protected no matter where the data/files are stored
- Solution **independent of specific vendor software implementations** enabling, for example, a multi-cloud/multi-vendor strategy
- We **minimize the risk of large-scale data breaches** with a strict access control policy for different data segments
- Access and **data sharing based on detailed policies** (offline sharing enabled with built-in UX attributes and policies)
- Consistent **data-centric protection** with layer-independent access control policy

Whether online or offline, Syntphony Security Privacy and Integrity Platform **ensures consistent protection with layer-independent access control policies**.

Seamlessly integrate user experience attributes and policies, facilitating offline sharing with complete ease.
A data-centric security approach, with all the guarantee of NTT DATA.

You can rest assured, your data is secure.





Why

Syntphony Security Privacy and Integrity Platform

In an area where data protection is paramount, the **Syntphony Security Privacy and Integrity Platform employs attribute-based encryption (ABE), ensuring data remains secure** with granular access control down to the cell level. Unlike conventional techniques, our platform offers a **key-based approach, allowing users to unlock specific data segments based on their roles** and responsibilities.

Data protected with the Security Privacy and Integrity Platform solution overcomes the biggest problem of data access control platforms available on the market, where in-app masking is the only way to protect data on the fly, provided a User accesses data through the application portal.

This ensures greater security of data stored in lakes or shared between different parties.

Whether the goal is multi-party computing, cloud data protection, or offline sharing, **the Security Privacy and Integrity Platform service can improve the security of data stored** in a lake or shared between different parties.

What sets us apart is our unwavering commitment to adaptability and integration. Our platform **integrates seamlessly with customers' existing systems** as well as other Syntphony products, facilitating significant cost savings and efficiency gains.

With Syntphony, **customers can rest easy knowing that their data is protected** with the utmost accuracy and reliability.





Benefits of Syntphony Security Privacy and Integrity Platform

■ One technology for two critical functions. Encryption & Attribute Based Access Control at data layer

This platform integrates encryption and attribute-based access control, providing a comprehensive solution for data security. It simplifies management by combining two critical functions into one streamlined technology.

■ Last Line of defense with efficient encryption and attribute based access control (ABAC) benefits

Syntphony Security Privacy and Integrity Platform acts as the final safeguard for data, offering efficient encryption and attribute-based access control benefits. It ensures that sensitive information remains protected from unauthorized access.

■ Fine-grained policy based data access & sharing

With fine-grained policy-based data access and sharing capabilities, this platform allows organizations to exert precise control over who can access and share data. It enhances security by tailoring access controls to specific user roles and responsibilities.

■ Data centric consistent protection with access control policy independent of layer

Syntphony Security Privacy and Integrity Platform provides consistent data-centric protection, independent of the layer. This ensures that access control policies remain intact regardless of changes in the underlying infrastructure, maintaining data security and integrity.



Key features of

Syntphony
Security Privacy and Integrity Platform

Syntphony Security Privacy and Integrity Platform offers a robust set of features designed to meet data security and access control needs, ensuring total security and efficiency:

■ Microsoft Azure environment or on-premise

Our platform provides the flexibility to deploy in the Microsoft Azure environment or on-premise, allowing businesses to choose the option that best suits their infrastructure and compliance requirements.

■ Content-Based Access Controls

With content-based access controls, policies are associated with users' private keys, while attributes are associated with ciphertexts. This ensures that users can decrypt ciphertexts only if their attributes satisfy the policy associated with their private key.

■ Role-Based Access Controls

Syntphony Security Privacy and Integrity Platform employs role-based access controls, where attributes are associated with users and policies are associated with ciphertexts. Users can decrypt ciphertexts only if their attributes satisfy the policy associated with the ciphertext.



Use cases of

Syntphony
Security Privacy and Integrity Platform

■ Access Control Management

Efficiently manage access to sensitive data with our Access Control Management feature. Seamlessly enforce policies and permissions, ensuring that only authorized users have access to critical information. Say goodbye to data breaches and regulatory compliance headaches.

■ Data Monetization

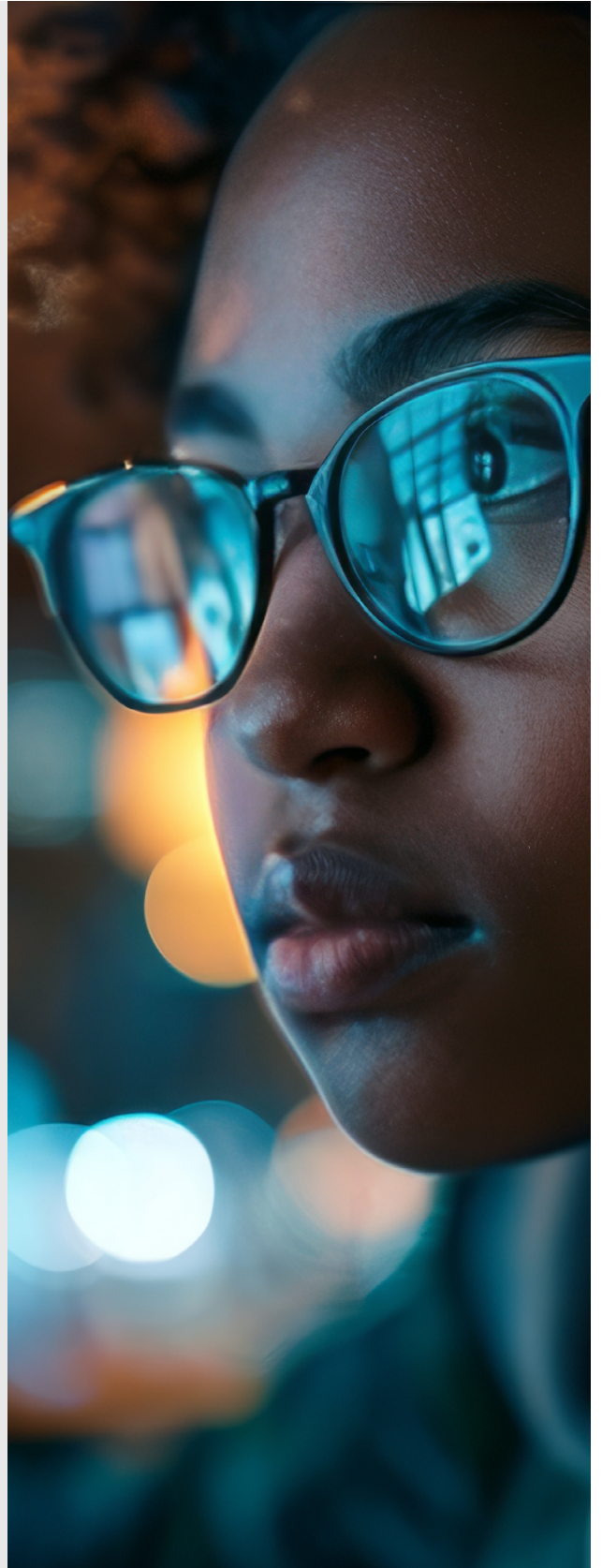
Unlock the full potential of your data with our Data Monetization capabilities. Turn raw data into valuable insights and revenue streams, enabling you to capitalize on your organization's most valuable asset. Transform data from a cost center into a profit center with Syntphony.

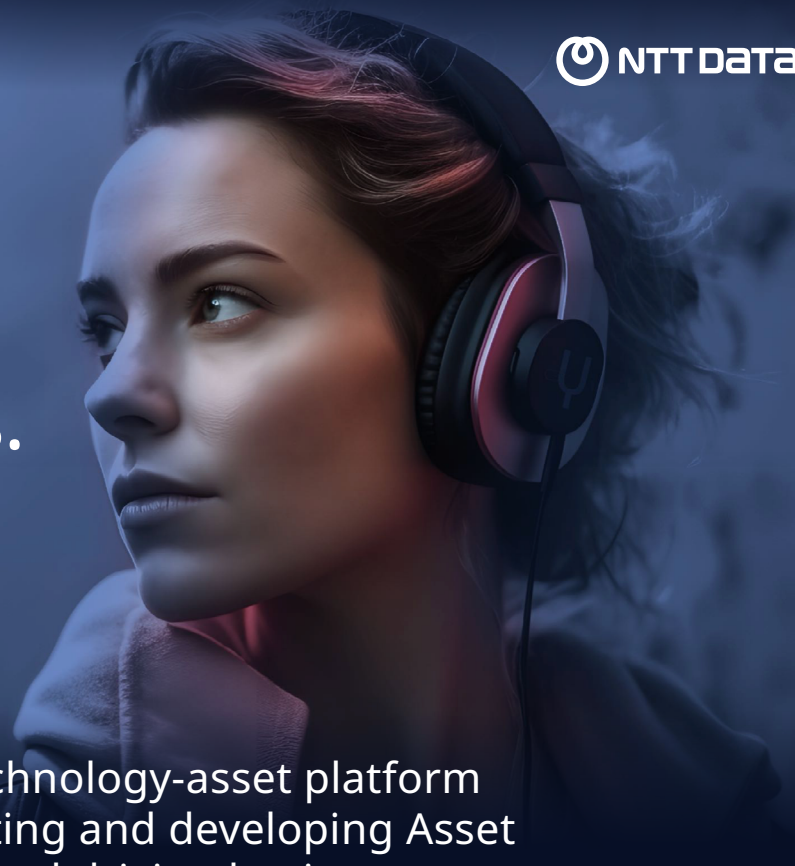
■ Sensitive Data Protection

Protect your organization's most sensitive data with our Sensitive Data Protection feature. Encrypt data at rest and in transit, safeguarding it from unauthorized access and cyber threats. Rest easy knowing that your sensitive information is shielded from prying eyes.

■ Zero-Trust

Embrace a Zero-Trust security model with Syntphony. Assume that every user and device on your network is a potential threat and verify them before granting access to resources. By adopting a Zero-Trust approach, you can mitigate the risk of insider threats and external attacks.





The heartbeat of the business. Listen to your heart.

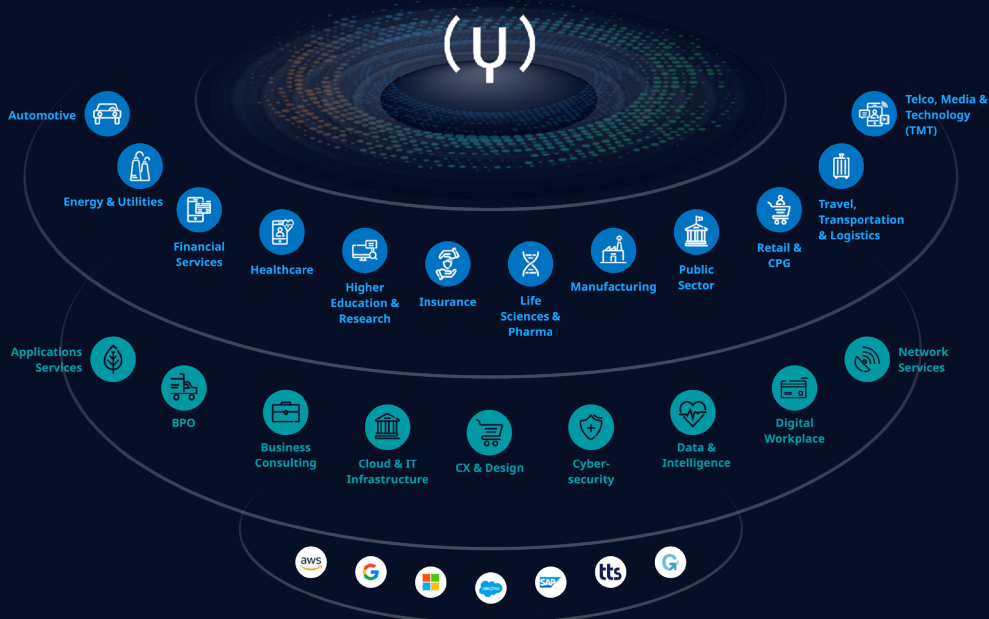
Syntphony is NTT DATA's technology-asset platform orchestrated for implementing and developing Asset Based Consulting strategy and driving business.

■ We generate business faster

Syntphony is the result of the combined work of NTT DATA's best and most diverse business and development talents, with a deep knowledge of each industry, consistently aligned in the creation of business technological products.

■ We multiply cost-effectiveness

We analyse our clients' use cases; we form the perfect orchestra to achieve their objectives and we add all the value of our consultancy with the best of our products to create unique and personalised solutions; solutions that sound like a symphony to our customers.



See Syntphony Ecosystem