

## Take full control of your data.

Break free from vendor-specific data silos and unlock real business value without compromising the integrity of your data or third-party interests.

With Modulus, open up new possibilities, bridge diverse interests, and enable trusted data exchanges.

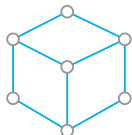
# Your data. Your rules.

# Modulus is the platform for data-driven business

Cross-Cloud Interoperability



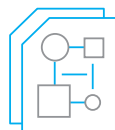
Fine-Grained Data Management



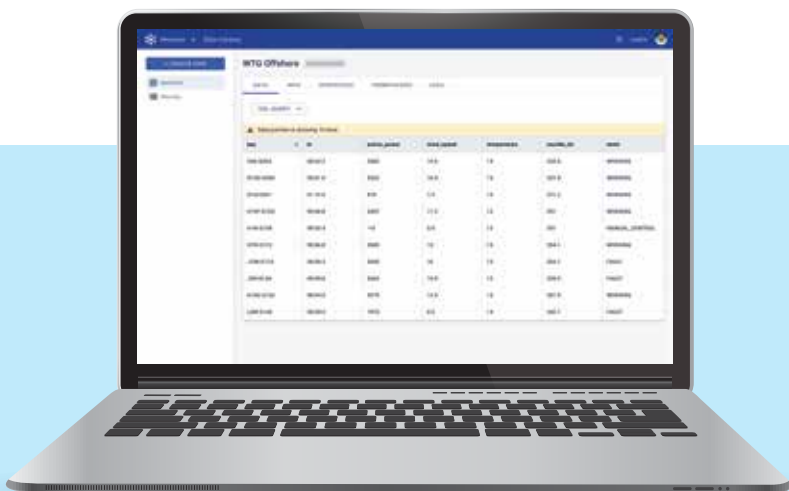
Trusted Data Exchange



Build Innovative Business Models



Securely share data within your organization, with partners, and even with competitors.



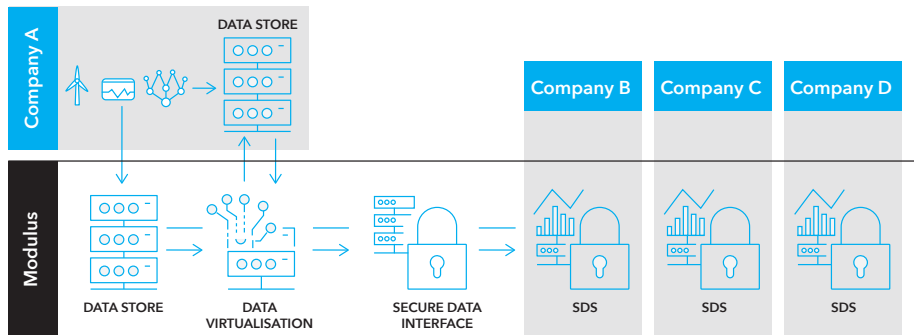
## Key Features

- Securely govern, process, and exchange data across different data stores
- Work with diverse data formats: tabular, time-series, and grids
- Fine-grained data rights management
- Secure execution environment for analytics
- Comply with privacy regulations and protect customer data

## Key Benefits

- Never get locked out of your data
- Unify access protocols across diverse data sources
- Securely share data within your organization, with partners, and even with competitors
- Develop advanced analytics applications and data exchange partnerships

# Data Virtualization, Data Rights Management, and Secure Data Services combined into one independent platform



## Data Virtualization

Start working with Modulus without migrating your data. Existing data stores such as SQL databases, NoSQL databases, Kafka queues, and file-based storage systems can be integrated with Modulus, eliminating the need to consolidate data into a single data warehouse or duplicate data across an organization. Virtual datasets may be accessed using common ODBC, JDBC, and Spark interfaces.

## Data Rights Management

All requests for data via the Modulus data interfaces are subject to the rights and permissions set by the data owner. Through these permissions, access to data is either granted or denied to specific accounts, groups or organizations. Additional restrictions may be set on dataset rows or columns, enabling granular control over which attributes are exposed.

## Secure Data Services (SDS)

We provide a secure environment for the deployment of data-driven services and analytics. By using SDS, the platform acts as an independent, trusted third-party enabling data owners and service providers to work together without exposing intellectual property.

SDS is an isolated environment where organizations and their partners may deploy computational workloads that operate on governed data. In this environment algorithms may run without exposing your data. The algorithm's output may be written back to a data store for further processing or accessed via the platform's governed interfaces.

# Real-time decision making from the control room to the board room

Powerboard ingests, stores, and visualizes data from a variety of operational systems, providing a unique point of reference into the real-time operational status and historical performance of a wind farm.



## Scalable transparency across your organization

- Create a common operating picture for more efficient oversight of daily Operations & Maintenance activities.
- Provide a secure and scalable long-term data store for performance analysis and reporting.
- Improve data access and interoperability for all stakeholders, including third-party vendors.

## Run analytics without giving up control

- All data processing in Powerboard is governed by Modulus, subject to the rights set on that data by its owner.
- Permissions may be granted to allow or deny specific accounts, groups, or organizations access to data.
- Additional restrictions may be set on dataset rows or columns, enabling granular control.



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