

# TDengine Cloud

Fully managed cloud service for industrial big data storage and processing



## Embrace Industry 4.0 with TDengine – the Next Generation Data Historian

TDengine™ is a next generation data historian purpose-built for Industry 4.0 and Industrial IoT. It enables real-time data ingestion, storage, analysis, and distribution of petabytes per day, generated by billions of sensors and data collectors. With TDengine making big data affordable and accessible, digital transformation has never been easier.



TDengine Cloud delivers the capabilities of TDengine as a fully managed cloud service. It offers simplified setup and equally easy management, dramatically reducing the tools needed to start, operate, and manage time-series data at scale. TDengine Cloud handles all clustering, backup, and data retention for easy, straightforward administration.



## Why TDengine Cloud?

Worry-free operations with a fully managed cloud native solution.

Storage and compute resources billed separately.

Data replication to other clouds or regions with just a few clicks.

Fine-grained role-based access controls (RBAC).

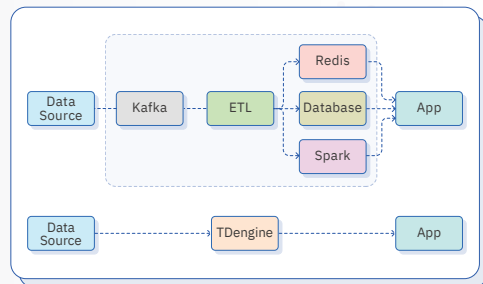
Enterprise-ready with backup, VPC peering, IP whitelisting and more.

Full compliance with SOC 2 standards.

## Simplified Time-Series Data Management

TDengine Cloud dramatically reduces the tools needed to start, operate, and manage your time-series database at scale:

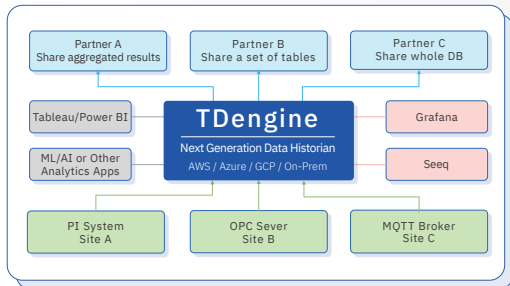
- Built-in caching, stream processing, and data subscription
- Automated clustering, backup, and data retention
- Supertables - templates for table creation that enable multi-table aggregation operations



## Simple and Secure Data Sharing

With TDengine Cloud, sharing your data with internal and external stakeholders is as easy as Google Docs:

- Data sharing and role-based access with just an email address
- Fine-grained access controls to fit any business scenario
- Precise data access from individual data subscription topics to entire databases or organizations



## Enterprise-Ready Cloud Solution

TDengine Cloud delivers the performance and stability that you need to support your business:

- Automatic backup and multi-cloud replication
- User privilege controls and RBAC
- VPC peering and IP whitelisting

