Xanadu

Big Data Management Platform

Xanadu is a big data management platform that confronts challenges for high speed processing of diverse data in high volumes. It uses a composable architecture that fully integrates with core IT infrastructure and data applications to satisfy data base use and maximize business value, through efficient exploitation of big data today and into the future.

Future Proofed Scalability

In today's data dominated economy, companies need to leverage big data by improving performance while remaining fiscally responsible. Xanadu provides a low impact solution designed to run on existing HW devices and/or commodity devices enabling the same high-end performance seen in expensive, specially designed systems. With Xanadu, companies immediately gain a clear-cut advantage as well as a long-term solution by leveraging our limitless scalable fault tolerance system for big data management now and for tomorrow.

Easy Implementation

Xanadu is effective because it's simple and it works. Our platform is implemented by talented software engineers that will have the platform running in one day. Engineering teams will be up to speed quickly, working with our customized, user friendly interface. Additionally, Xanadu is built to work in complex environments and runs on all major OSs including Windows, Mac, Linux, and Unix.

Maximize Existing Resources

Xanadu easily integrates with your big data environment allowing companies to extract maximum ROI from existing big data systems. Our API definitions use composable architectural elements allowing Xanadu's software to be selected and seamlessly integrated with other big data system elements. Additionally, our singular distributed fault tolerance high speed ACID compliance data store, combined with time-based historic updates capably supports high performance microservices implementation.

Thanks to its simpler source code, Xanadu easily fits into your current big data system development project. Our flexible API definitions promote optimal performance, providing engineers a platform that streamlines activity and companies a tool that maximizes performance from older database systems.

www.xanadubigdata.com

Cost Effective, Easy to Operate Data Management

Xanadu works on the Cloud and for Enterprise

Xanadu empowers institutions, reducing their actual storage footprint and maintaining only as many copies to assure sufficient availability. Xanadu enables 8 copies of data that can be stored in different locations and our data model works as a key: value NoSQL. This enables a globally unique nanosecond accuracy time stamp that guarantees database back up.

Xanadu empowers and protects simultaneously, significantly freeing up resources with its ability to deduplicate data and ensuring a fail-safe back up of the database.

IoT/Deep Learning Optimization

IoT is making connectivity more complex with vast quantities of datacoming from additional, new sources every year. Xanadu is designed for the heaviest workloads that accompany advancement by supporting concurrent quires without conflict. Our high throughput and low latency data management system is designed so companies can handle exponential workloads with real time analytics and deep learning apps. As a result, they can confidently focus on big data's business value advantage, maximizing revenue, time and resources.

Scalable Data Protection

Companies must scale to protect their data from cyber threats. Xanadu's cloud-based timestamping powerfully complements security investments with restorative capability on a massive scale. Furthermore, Xanadu leverages the standard iSCSI network protocol, which is supported natively by any OS. This makes it easy to securely store and access data from any machine on the network.

Best Choice Between Open-Source and Proprietary Solutions

Currently, there are two choices for data management needs: open-source and proprietary solutions. Open-source is free, but limited from a usability standpoint, requiring significant coding and time spent by engineers. Proprietary solutions are more user-friendly with prebuilt and customized functionality. However, customers are at the mercy of long-term expensive contracts, software updates on the vendor's schedule, and price increases upon renewal.

The Xanadu Difference

Xanadu is different. We provide a user-friendly, composable Big Data platform that is easier to use than open-source solutions and is also a smart alternative to proprietary solutions when assessing value, licensing fees, and support. Xanadu's value offerings are a hybrid of open-source and proprietary solutions; they enable companies to compete in today's big data centric economy as fully autonomous and fiscally responsible competitors.
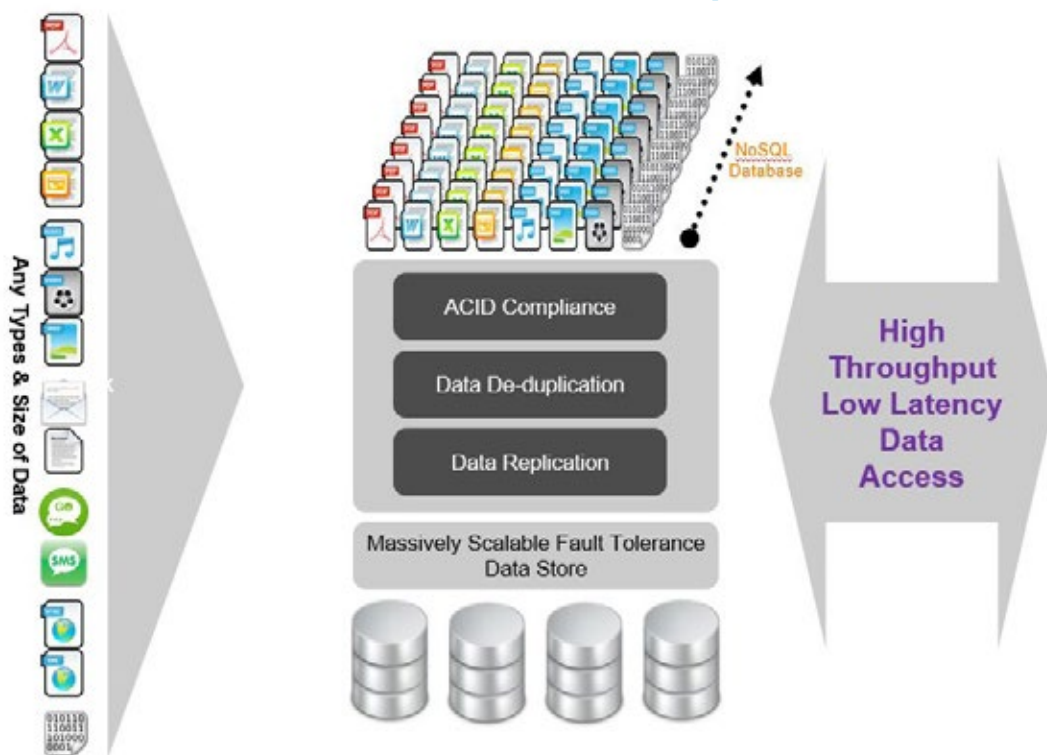
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Xanadu
Big Data Management Platform

Xanadu enables competitive big data management in the Clouds or Enterprises

Any Types & Size of Data

NoSQL Database

ACID Compliance

Data De-duplication

Data Replication

Massively Scalable Fault Tolerance Data Store

High Throughput Low Latency Data Access

Xanadu provides a composable architecture that can be integrated with other big data systems

Big Data IT Infrastructure

Xanadu Data Management Platform

Big Data Applications

External Systems (WAN/Internet)

External Users/Apps

Xanadu Systems (LAN)

Client

Realtime Node

Registry

Storage Node

THE INTERNET of THINGS

hadoop

WCDMA LTE

Total Integration