strata   AXIOM

Axiom Software Deployment Comparison

Compare deployment of Axiom Cloud vs. Customer–Hosted On Premise

	Axiom Cloud	Customer–Hosted On Premise
SECURITY AND COMPLIANCE		
Data Privacy and Security	Strata safeguards customer data to the highest standards. The Axiom Cloud utilizes a unique encrypted Microsoft Azure SQL database back end for the data repository for each customer (data at rest). Data storage is logically separated for each individual customer. All data and backups at rest in the Axiom Cloud are encrypted using Microsoft Azure SQL Transparent Data Encryption, which uses a symmetric key specific to the Axiom Cloud with AES 256 encryption algorithms.	Customers must host their data on a dedicated SQL database server, properly licensed, deployed, patched, and secured. Proper infrastructure controls must be in place to prevent data from being compromised by IT and non–IT staff. Data in transit may be secured based on the customer's expertise with SSL encryption certificates and internal procedures. Data at rest and data in transit are generally not encrypted on premise.
Threat Defense	Strata partners with Microsoft to provide an integrated barrier to threats. Strata takes immediate action to known threats without compromising the uptime of the service. This includes firewall management and analysis, service updates, security patches, and ongoing monitoring.	Customers are responsible for all security–related monitoring and analysis. Expectations of security protocols must be established based upon the customer's policies and procedures. Proactive monitoring of security threats to on–premise servers must be monitored.
SSAE 18 SOC2 Compliance	Strata has successfully completed an SSAE 18 SOC Type II (SOC2) audit. This third–party validation of our business practices, policies, procedures, and technology conforms to AICPA standards. Strata is in ongoing compliance with the principles of the SOC Type II audit.	Customers are responsible for adhering to all regulatory compliance policies. To meet regulations, the Enterprise Performance Management (EPM) system must be installed on premise in a compliant framework, and the infrastructure access controls must be routinely reviewed and evaluated by an outside third–party accredited firm.
Regulatory Compliance	Axiom is designed to help you achieve compliance in your industry, ensuring the protection of PHI and PII data for HIPAA, SOX, and GLB compliance.	Customers are responsible for adhering to all relevant standards when deploying an EPM on–premise. This includes controlling access to the underlying data. The infrastructure access controls must be routinely reviewed and evaluated by independent auditors.
Security Integration and Consolidation	The Axiom Cloud is single sign–on ready. All users with internet connectivity on authorized networks may be granted login access to the system.	Customers must ensure that all users have connectivity to the on–premise system, whether users are local, remote, on a LAN/WAN, local domain, or untrusted domain.

Healthcare Solution Brief

Axiom Software Deployment Comparison

	Axiom Cloud	Customer–Hosted On Premise
INFRASTRUCTURE REQUIREMENTS		
Disaster Recovery Plan	The Axiom Cloud is built for high availability and continuity. The service is load balanced and provides continuous geo–replicate data archival. All customer data is continuously mirrored at multiple encrypted sites to ensure recovery even in a disaster. The Axiom Cloud is capable of recovering objects from any point in time within the previous 30 days.	Customers are responsible for all high availability, network load balancing, system scalability monitoring, and maintaining an independent disaster recovery site with failover capabilities and data redundancy. Typical on–premise deployments merely include daily database backups.
System Monitoring	The Axiom Cloud infrastructure is monitored 24/7 for peak performance. All monitoring is performed by Strata experts.	Customers are responsible for implementing monitoring tools to evaluate the ongoing usage and performance of the on–premise system, as well as analyzing the results and implementing optimizations.
Automatic Scalability to Meet Demands	The Axiom Cloud is published through the Gartner–leading Microsoft Azure platform–as–a–service. The Axiom Cloud infrastructure allows for a high level of targeted scalability where resources are needed. The cloud system includes necessary headroom to meet peak customer demand.	Customers are responsible for evaluating and expanding their environment as the existing on–premise system evolves to add additional users and capabilities. Customers must provide a qualified Senior SQL Database Administrator to monitor and analyze the on–premise SQL database server to ensure routine and peak demands are met.
Infrastructure Update Management	Strata is continuously monitoring and enhancing the Axiom Cloud infrastructure, increasing the performance and scale. This requires no downtime or interruption to the service.	Customers must plan infrastructure patches, upgrades, hardware retirement, infrastructure scaling, and related downtime. Strata recommends applying all critical Microsoft security updates to the infrastructure.
Platform Update Management	The Axiom Cloud allows customers to elect to apply platform updates. Customers will be notified if urgent security updates are required. All updates and validations are managed by Axiom experts.	Customers must provide trained personnel to execute platform updates. All upgrades will be executed, validated, and tested by customer staff. Platform updates may require enhanced technical requirements, and customers must update their infrastructure before applying certain platform updates.
Sandbox Development Environment	Strata provides a stand–alone sandbox environment for testing new platform updates and system design changes. This sandbox environment is fully managed by expert Axiom staff and may be refreshed, upgraded, and reconfigured at the request of customers.	All Customers are required to maintain a stand–alone sandbox environment in addition to a production environment. All costs for additional infrastructure are the responsibility of the customer. Customer's staff must have expertise in refreshing, upgrading, and reconfiguring sandbox environments.
Disparate Data Integration and Consolidation	Utilizing the Axiom Cloud Integrator, customers may load data from any authorized source in any location. The integration service is capable of sourcing data from any authorized network with internet connectivity.	Customers are required to have network access to all data sources that will provide data loads to the EPM on–premise system.
Infrastructure Optimization	Strata is continuously monitoring, managing, and analyzing Cloud infrastructure for high availability and optimization. Optimization is performed with no downtime or degradation.	Customers are responsible for determining a hardware churn rate and optimization processes. We recommend turning over all hardware on a 3– to 5–year plan, maintaining only supported hardware, operating system, and software.

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	Axiom Cloud	Customer–Hosted On Premise
RESOURCE REQUIREMENTS		
Service Level Agreements	Strata provides specific Service Level Agreements to customers related to service availability and level of support. These industry–leading SLAs guarantee the Axiom Cloud is operating 24/7/365 at peak performance.	Customers must determine their own SLA uptime expectations and staffing availability. Customer's staff must have expertise in the infrastructure and EPM system to meet SLA requirements.
System Support Resources	The Axiom Cloud is maintained 24/7 by a team of infrastructure and system experts.	Customers must train a team of staff to be experts on the infrastructure and system. These experts should expect continuing education on all aspects of the system including maintenance, monitoring, security, scalability, support, and upgrades.
Overall Cost	The Axiom Cloud is managed under a single subscription cost. This cost includes all of the features listed in this document as well as ongoing proactive updates, patches, enhancements, threat defense, monitoring, and support.	Customers are responsible for all hosting costs, including hardware, software, depreciation, Windows Server licensing, SQL Server licensing, disaster recovery, sandbox development system, personnel, training, upgrades, and support.
Time to Deploy	The Axiom Cloud platform may be deployed within minutes to facilitate the beginning of an implementation project. After deployment, services will be provided to customize the environment.	Customers are required to plan for the acquisition of hardware, setup, testing, training, and deployment. This includes expertise to implement SQL, SMTP, DNS, SSL, SSO, and other relevant infrastructure technologies. Implementation of a highly available infrastructure and a disaster recovery plan are recommended.