axislms
by atrixware

Secure LMS Hosting

Introduction

Secure LMS Hosting is **included with all Axis LMS plans.** The security, backup and data center benefits that come with the *Secure LMS Hosting* is beyond what most of our competitors offer, and is more than enough security for most clients.

If you have specific security needs or are a government entity, we offer the *Platinum Secure LMS Hosting* package.

Here is what Secure LMS Hosting includes.

Security Features

- All data transferred to and from Axis LMS is encrypted using Transport Layer Security (TLS) 1.3 encryption.
- We identify and block cyber threat activity using threat intelligence and vulnerability management to provide advanced host and network protection.
- Aggregate third party threat intelligence and security analytics to provide actionable reports.
- System patches are promptly deployed on all servers via data center technicians 24/7/365 to protect against vulnerabilities.
- During commissioning, all servers undergo a hardening process that adheres to industry best practices, ensuring robust security configurations.
- Each server is safeguarded by both a software and cloud firewall, which ensures that all server traffic is meticulously filtered and regulated.
- Each server is shielded by a software-based intrusion detection system that constantly monitors server and user processes, identifies excessive connections, defends against common attacks like SYN floods, port scans, and brute-force attempts, and regularly conducts essential security and setting assessments throughout the server.
- All servers are subject to ongoing scans for malware and viruses.

Backups & Scalability

- LMS systems are hosted and delivered through private VM/VPS virtual machines for maximum flexibility and scaling.
- All servers are fully backed each night and stored on-site within the data center's cloud storage service.
- Full server backups are retained for up to 30 days and include backups for the last 7 days, along with 4 weekly backups.
- All backup data is transferred from the hosting server to the backup cloud storage via a secure private network.

Data Center

- Data centers are engineered to have redundancy at every level and are backed by Uninterruptible Power Supplies supported by generators.
- Data centers used state of the art environmental processing systems to monitor and maintain temperature and air flow.
- Data centers exclusively rely on premium Tier-1 bandwidth providers