Data Security:
New Meridian Science Exchange

Contribute with confidence to an item bank protected by the latest security

States invest significant money, time and expertise to create assessment items that are aligned to Next Generation Science Standards. Data security is essential. Since the New Meridian Science Exchange launched in 2017, we have secured our item bank with multiple layers of digital protection so that states can contribute and transact with confidence. Here is how we keep items safe.

- **Content Exposure Detection.** We leverage Caveon Web Patrol, an industry leader in education security, for monitoring and detection of content exposure, so problems are revealed and addressed immediately.

- **Cybersecurity Standards.** At New Meridian, we are dedicated to achieving the highest standards of data management and protection in the industry. As part of our ongoing efforts, we are actively working towards SOC 2 compliance – a highly regarded accreditation that guarantees adherence to rigorous auditing procedures and security practices. Furthermore, our goal is to become FedRAMP Authorized and solidify our commitment to meeting the stringent security requirements set by the federal government.

- **Secure Coding Practices.** We identify and fix vulnerabilities throughout the development process.

- **Comprehensive Cybersecurity Compliance Evaluation and Assessment.** New Meridian partners with 360 Advanced compliance solutions, as well as independent evaluations, to ensure that our security protocols are current and effective. Executive oversight and strategic planning enhance our security.

- **Independent Penetration Testing.** We use vulnerability scanning and real-world cybersecurity attack simulation to ensure that our security protocols can withstand potential attacks.

- **Web Application Protection.** We mitigate DDoS and bot attacks and block OWASP Top 10 web-based attacks.

- **Encryption.** We use data encryption at rest and in transit to protect your data.

- **Alignment with Top Security Frameworks.** We use AWS Security Hub, AWS Foundations Benchmark (v1.4.0), and NIST SP 800-53 Rev 5 to ensure that our cloud security posture is always current and meets the highest security standards.

- **Role-Based Access Control (RBAC).** New Meridian limits user access to specific item banks and restricts rights based on role assignment.

- **Item Version Control.** Item changes can be traced back to their source and previous versions can be restored.

At New Meridian, we take security and risk mitigation seriously so states contributing to the Science Exchange can transact with confidence.

SECURITY AT A GLANCE

- Caveon Web Patrol
- SOC 2 Compliance Certification
- FedRAMP Certification
- DDoS and bot attack mitigation
- Block OWASP Top 10 web-based attacks
- AWS Security Hub
- CIS AWS Foundations Benchmark (v1.4.0)
- NIST SP 800-53 Rev 5

Ready to maximize your state's investment in science assessment development?

Contact us at **sales@newmeridiancorp.org**

newmeridiancorp.org
newmeridiancorp
@newmeridiancorp
@newmeridiancorp