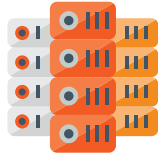# Top 10 ways to start your Cyber/Privacy security plan

To successfully meet the MSIP 6 standard, the school district will document its plans to implement these Top 10 items, *at a minimum.*

1. Inventory and control of hardware and software assets connected to the infrastructure physically, virtually, remotely, and within cloud environments.

2. Implement complex password requirements.
　　15-character length
　　Upper/lower case
　　Numbers
　　Special characters (!, *, %)
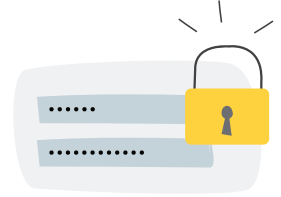
3. Document your plan toward implementing multi-factor authentication (MFA), requiring MFA for:
　　Employee email
　　Remote access
　　Privileged account or access

4. Develop and document a process for offsite and offline backups and testing restore processes of critical data.**

5. Implement an ongoing cybersecurity awareness program that includes simulated phishing campaigns.**

6. Deploy endpoint detection and protection (EDP) on all managed devices.
　　EDP will monitor and collect activity data, analyze, and automatically respond to identified threats or suspicious activity. Examples of endpoint detection and protection include such things as anti-virus software, malware detection software, enabled host firewall, etc.
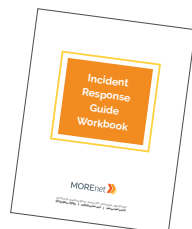
7. Create an audited, written plan for patching hardware and software.

8. Remove local administrator rights for end users. Establish a policy of least privilege.

9. Develop a written Disaster Recovery/Incident Response Plan. Test and update on a regular basis.

Incident Response Guide Workbook

MOREnet

10. Document a plan for protecting data privacy. E.g., Missouri Student Privacy Alliance (MOSPA), Student Data Privacy Consortium (SDPC)

MOSPA

** MOREnet has discounted solution options to support your goals in this specific area, contact help@more.net.

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Ensure Your Readiness for the MSIP 6 Standard on Cybersecurity and Privacy

MOREnet is providing this information and guidance, in consultation with the Department of Elementary and Secondary Education (DESE), to assist districts and charters with successful alignment to Standard L10 in the Missouri School Improvement Program (MSIP) 6 Standards.

MSIP 6 Standard:

School Safety L10 - The school system actively addresses school safety and security in all facilities

E. The school system implements a cyber/privacy security plan, utilizing nationally accepted standards

To successfully meet this standard, the school district will document its plans to implement these Top 10 items, at a minimum.

The following industry accepted information security frameworks were referenced in the creation of this document: NIST SP 800-53, 171, CSF, CIS Controls*

*NIST-National Institute of Standards and Technology
NIST SP 800-53 - Security and Privacy Controls for Information Systems and Organizations
NIST SP 800-171 – Outlines required security standards and practices that handle controlled unclassified information (CUI) on their networks.
NIST-CSF- Cybersecurity Framework
CIS-Center for Internet Security

MOREnet is a member-driven consortium made up of Missouri's K-12 schools, colleges and universities, public libraries and government organizations. In addition to maintaining internet access to schools and libraries, we also provide technology consulting, a technology help desk as well as professional development, training and consortium discounts.