

Riders' Advisory Council

Cybersecurity Brief

Joel D. Waugh
10/04/2023



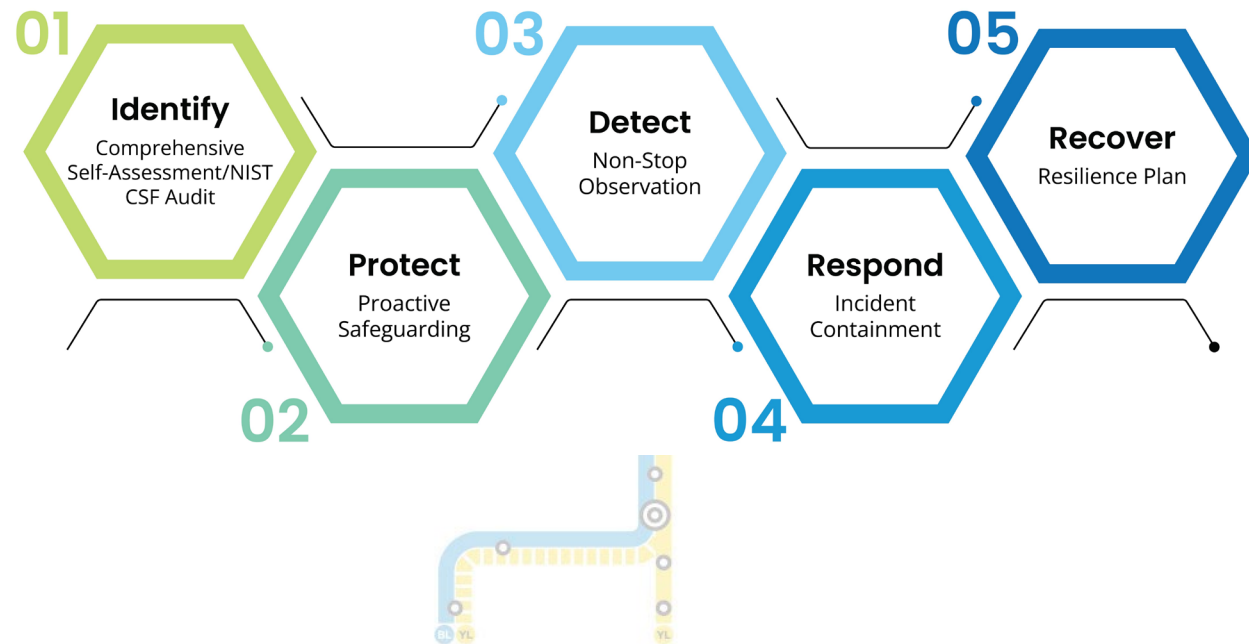
Executive Summary

- No company can ever be 100% cyber-secure
- Metro has not had a cyber breach in the past five years
- Metro has implemented robust cyber defenses
- Metro continually evaluates and enhances cyber defense tools

Nothing is 100% effective

- Metro's cybersecurity program is consistent with general principles of NIST
- Risks change constantly
- Malware and other vulnerabilities adapt and get smarter
- Cannot eliminate human error

The 5 Functions of the NIST Cybersecurity Framework



Some examples of cybersecurity defenses

- Endpoint (Enhanced) Detection and Response (EDR) / Extended Detection and Response (XDR)
- Enterprise cybersecurity awareness training along with continuous phishing exercises
- Improved monitoring and incident response in coordination with the Cybersecurity and Infrastructure Security Agency (CISA)
- Joint Metro / Transportation Security Administration (TSA) validation of cyber critical systems protections

Some examples of cybersecurity enhancements

- Improving vulnerability and patch management program effectiveness
- Improving and modernizing access controls
- Improving digital asset management
- Improving network real-time visibility
- Integrating tools to create a stronger and more resilient cybersecurity monitoring and response program



Questions?