

## Client Success Story

# Enhancing of Cybersecurity Infrastructure through Multi-Factor Authentication, O365 Improvement, and Vulnerability Remediation

### Company

NASCO-OP is a non-profit and operates as an exclusive purchasing cooperative for the recycling industry in North America. Founded in 1959, their headquarters is in New Philadelphia, Ohio. They are member-owned and provide quality recycling products and supplies from industry leading manufacturers at reasonable prices to its members.

***“It’s been a pleasure working with you. I’m very pleased with the initial risk assessment earlier this year, and the completion of these 3 projects. I actually sleep a little more soundly now that our security is tightened “***

- **Gabe Lawrence**

### The Challenge

NASCO-OP had the need to reduce its cybersecurity risk and improve its overall security infrastructure. The company turned to Velonex Technologies and requested a network security assessment to be performed to help identify where improvements were needed. After determining areas of improvement, a plan was put into place which allowed NASCO-OP to improve its process and strengthen its security protection without disruption to the business operation.

### Benefits

- **Enhanced security protection.**
- **Ensure compliance with data security regulations.**
- **Reducing risks associated with data breaches.**
- **Ensure the privacy of consumers.**

## Solutions

We created and implemented 4-phase project solutions which helped improve NASCO-OP's security posture and reduce their attack surface.

- I. Network Security Assessment.** As part of the security assessment, Velonex conducted an in-depth review of the company's policy, LAN, workstations, networking equipment, router/firewall, mobile device, data, remote access, email, and physical security.
- II. Implement Microsoft 365 security improvements.** The improvements included policy creation, enabling security features for applications, and improving identity and email security. In addition, users were converted from basic authentication setups to modern authentication-supported applications.
- III. Multi-Factor Authentication Installation.** Reviewed the requirements and documentation with the client to determine areas that could be strengthened. Enabled multi-factor authentication features on applications. Test MFA (Multi Factor Authentication) logins for administrators on various workstations. Verify that standard users get prompted for MFA logins.
- IV. High Severity Security Issue Remediation.** Provide pre-install document to customer for review and met to go over the process and identify additional items that need to be addressed. Address critical severity security issues and work with the vendor for updated software. Disabled weak ciphers and vulnerable protocols on systems identified in the report. Test the applications and functions on the servers to verify that they are working normally and verified that users can access the servers and applications. Completed post install documentation with the client.

## Conclusion

With NASCO-OP's request for assistance with security improvements, we designed and implemented a customized four-phase security plan to meet their needs, improving their overall security posture and reducing their risk of future security breaches.

Contact Us to Learn More:

<http://www.velonexit.com> (800) 245-5210

At Velonex Technologies, we work hard to train our team members not only to be reliable experts that provide you with IT Support and technology solutions, but also to be proactive with preventative solutions, so that we can minimize your IT issues. Our goal is to keep your network safe and your staff productive. Our monitoring and management service will not only increase your productivity but allows us to handle and prevent most issues before they become a problem.