

CYBERSECURITY



Mobile County
PUBLIC SCHOOLS

DIRECT DEPOSIT - BANK CHANGES

Experience

- Employee e-mail was hacked
- Hacker used Outlook automated rules to hide correspondence from employee
- Procedures changes and new technology used to mitigate future risk
 - We no longer accept any direct deposit changes or additions via email. No Exceptions.
 - Employees must submit information through the Employee Self Service (ESS) portal or in person at the Payroll Office.
 - In person changes or additions require a current state-issued photo ID. No Exceptions.

Employee Self Service

Login

User name

Password

Log in

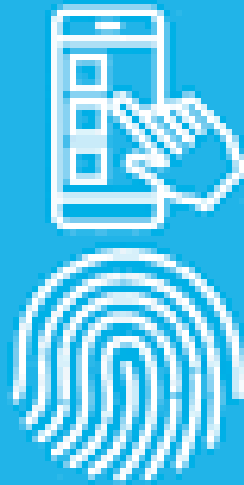


Multi-Factor Authentication



Password

+



Verification

=



Access





Anti-phishing and anti-malware Email filtering with safe links

Targeted Anti-Phishing training campaigns to inform users of email security practices

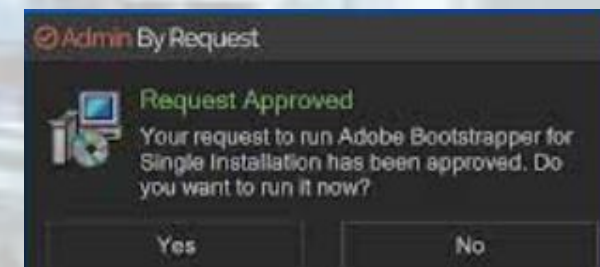
Anti-spoofing for administrative staff emails

Mailbox scanning and journaling

NETWORK



- Realtime risk assessment on logins through Microsoft
- Network access control for wired and wireless
- DNS filtering and security
- Cloud storage malware and ransomware detection
- Managed Windows Updates
- Next Generation Firewall with Intrusion detection and Geo-blocking
- Interior and Exterior Vulnerability scanning
- Auditing of privileged accounts
- Admin by Request: no local admin rights on computers
- Member of MS-ISAC (Multi-State Information Sharing and Analysis Center) For local government entities



OTHER ITEMS OF NOTE



Cloud managed
endpoint protection

Monitoring systems (including ESS
and Nextgen) with a Managed
Detection and Response service

Encrypted tape and
offsite backups

CHECK FRAUD

- Checks can be compromised at many points in the payment process.
- Hackers can take an image of your check and manipulate it to change the payee and the amount.
- Positive Pay is a great step to take toward minimizing this risk for Accounts Payable and Payroll Vendor Checks.





Cyber Insurance





THANK YOU

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