TECHNOLOGY UPDATE

Active Bond Projects by Department

Network Infrastructure

- **Network Equipment Overhaul—Started**
  - The overall architecture and how enterprise networks are managed has been revolutionized over the past two or three years, including AI-based management
  - Our current equipment is over seven years old

- **Near-Zero Blind-Spots Surveillance—First pass complete**
  - Working with campus SRO's to verify coverage needs
  - Working on growing our backend video management system (VMS) to accommodate the number of planned additional endpoints

- **Wireless Network Refresh—Complete**
  - Improved Security
  - Moving to ubiquitous coverage
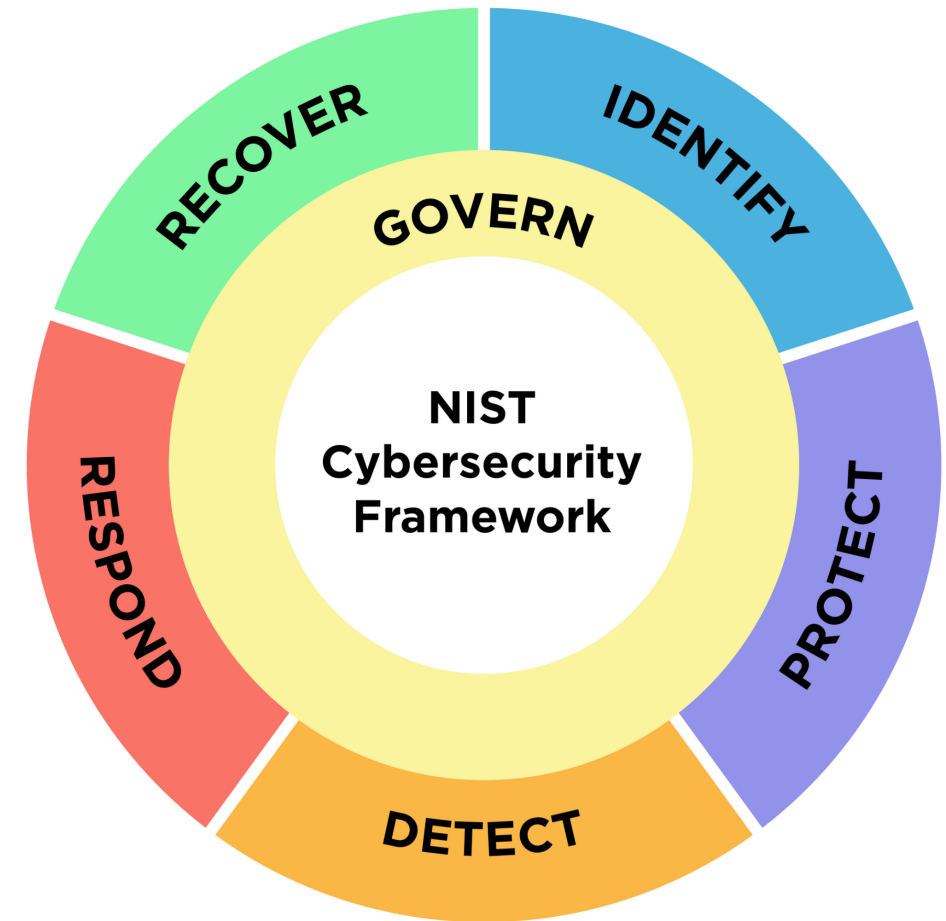 - Designing around intent, density, and device type

Systems Infrastructure

- **Data Center Refresh—December**
  - New storage and compute infrastructure to support the entire virtualized server environment
  - Upgrade/expansion of backup infrastructure

Systems Infrastructure

- **Cybersecurity Suite Refresh—January**
  - Investigating multiple vendors
    to expand and upgrade cybersecurity suite
  - Including
    - Network and Endpoint protection
    - Identity Management
    - Web Content Filtering
    - Email Security Tools

Systems Infrastructure

- **Smoke/vape Detection Sensors at Secondaries—Summer 2024**
  - Compiling needed information from secondary campuses to begin planning for installs
  - Currently planning to roll out sensors by zone, beginning in summer 2024 with Denton HS zone

Technology Services

- **Gym A/V**
  - All elementary PE teachers received 86" promethean panels on mobile carts

- **New PA**
  - Training, commissioning, and cutting 8 campuses over to the new Extron PA system.

Technology Services

- **Computer Lab Refresh**
  - Upgraded a lab at LaGrone to Microsoft Surface Studio devices.

Technology Services

- **Adkins Winter Storm Recovery**
  - A/V upgrades
    - Classroom
      - Promethean panels
      - Sound
      - PA
    - Café
      - Projection
      - Sound
    - Gym
      - Sound