EXECUTIVE SUMMARY
The Next Generation Network project will help advance Yale's teaching, research & health service mission, and safeguard the campus community's information. NGN's multi-year strategy will provide a more modern, resilient, and secure Yale network.

The shift to an intent-based, identity-first network paradigm will allow a significantly better user experience, including better convergence with other Yale networks, while significantly advancing Yale’s security posture to meet the demands of the future.

KEY GOALS
- Build a modern network standard to support the scope of institutional requirements.
- Increase reliability and network capacity to support expected increase in data usage.
- Establish a network foundation for seamless integration with other Yale networks.

PROJECT SCOPE
- **Switches and Wifi**: Replace 8,950 switches and update wifi access.
- **Devices and Applications**: Deliver software defined access to 30,000+ people.
- **Data Closets**: Remediate more than 400 buildings, and 1,450 data closets throughout the university.
- **Security**: A differentiated cyber risk model providing dramatic improvements to Yale’s information security posture.
- **Network Consolidation**: Reduce five networks into one software defined network.

KEY DATES
- **FY19**: Planning & Foundational
- **FY19-20**: Pilot buildings
- **FY20-23**: Rollout to Yale
- **FY24+**: Finalization

HOW THIS PROJECT WILL AFFECT YOU
- **Seamless user experience**: Increased network resiliency and speed.
- **Network Consolidation**: Converge Yale networks and increase capacity.
- **Visibility**: Increased insight into cyber attacks and vulnerabilities in Yale’s technology assets.
- **Speed of response**: Modernizes protection and response to cyber threats.
- **Differentiated risk model**: Enhanced protection for high risk, with balanced security for openness required by a health service, teaching and research institution.