



Enhanced Network Authentication for Wired Devices: Talking Points for Managers

As Yale continues to ensure the community is equipped with the latest security-enabling features of NGN, here are some key talking points about the upcoming initiative known as Enhanced Network Authentication for wired devices (ENA Wired) to share with your teams:

- **The ENA Wired Pilot**
 - With the NGN core network in place, Yale leadership is eager to activate enhanced security features, starting with the extension of network authentication to wired devices
 - ENA Wired will be piloted at 25 Science Park, starting with the fifth floor, and then rolled out on the remaining floors in coordination with NGN building champions
 - A second pilot will be scheduled at 221 Whitney Ave.
 - Based upon the success of the two pilots, ENA wired will be rolled out across campus
- **Devices in Scope**
 - ENA Wired targets wired devices (i.e., those that connect to the network via an ethernet cable and port on the wall) - **that have not yet authenticated on NGN**, including
 - Yale-managed and non-Yale managed **wired workstations and laptops**
 - **Select wired devices without a traditional interface**, such as 3D printers and smartboards
 - Many wired devices have already been authenticated through the NGN migration process, so overall impact should be limited
 - Wireless devices are out-of-scope and will not be impacted
- **Recommended Actions**
 - It is recommended that non-Yale managed workstations or laptops download & install SecureW2 from [OnTheHub](#) in advance of the launch
- **What to Expect at Launch**
 - **Wired workstations and laptops** requiring network authentication will have internet-only access when ENA Wired launches and will need to call the ITS Help Desk to authenticate
 - Laptops and computers plugged into an ethernet port on a wall will be recognized as wired devices in this instance and will be required to authenticate
 - Services on Yale's internal network (e.g., Yale University network printers, licensed content, mapped network drives, and storage@yale) will be unavailable until the device is authenticated
 - Internet and cloud-based resources will be unaffected
 - **Remote desktop users** who experience interruption to their expected access will need to call the ITS Help Desk to coordinate authentication efforts for their onsite workstation
 - **Wired devices without a screen** connected to the network that lose functionality upon launch will require assistance from the Help Desk to be registered on NGN. The ENA Wired team has been working to identify and register these devices on the network in advance of the launch to minimize impact.
- **Support**
 - The [ITS Help Desk](#) (203-432-9000) is prepared to provide prompt assistance when ENA Wired is launched and guide users through a quick authentication process