

UNIVERSITY OF LOUISIANA AT LAFAYETTE

STEP Committee

Technology Fee Application

ClearPass Equipment Upgrade

Title

Vickie Y. Bailey

Name of Submitter
(Staff or Faculty only)

Network Services

Organization

Title: ClearPass Equipment Upgrade **Date:** 15 Jan 2024

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Department/College/Org : Network Services

ABSTRACT (250 words or less):

The University wireless has undergone major changes in the last 12 years. We have deployed GeauxWifi wireless access points to cover the entire campus network buildings and many outdoor spaces. University students, faculty, and staff rely on wireless connectivity as part of their daily life; wireless is the preferred method of connectivity.

We are currently managing and monitoring almost 3400 wireless access points with six wireless controllers supporting an average of 9000 clients daily. To support University personnel and students, the authentication system equipment that has been in service for over five years is nearing end of life and needs to be upgraded to continue to support the University wireless network, as well as current and future security needs.

Proposal:

a. Purpose of grant and its impact:

The purpose of this grant is to upgrade authentication system equipment which are at nearing end of life in the wireless network with authentication appliances which will provide improved wireless and security capability and performance. Network Services has seen a massive increase in wireless computing needs by students, faculty, and staff which require equipment to support these new demands. This new equipment will also aid the University security office with improved identity security on the wireless network.

b. Projected Lifetime:

The wireless equipment will have an estimated useful lifespan of 5 to 7 years

c. STEP Plan Alignment

- i. **SLO-2** – Continue to expand and enhance the campus network/internet access and its capabilities.
- ii. **SLE 7.2**
 1. Hardware maintenance and replacement
 2. Wireless coverage on campus

d. Person(s) responsible for:

- i. Implementation: Existing NS staff will be responsible for the implementation of new hardware.
- ii. Installation: Existing NS staff will be responsible for the installation of new hardware.

- iii. Maintenance: Existing NS staff will maintain the new hardware.
- iv. Operation: NS personnel are experienced with the operation of the ClearPass hardware.
- v. Training (with qualifications): Existing NS staff will be responsible for any training of department personnel.
- e. The budget proposal covers the cost of the upgraded equipment, as well as the associated support and licensing costs.

Budget Proposal

1. Equipment	\$79,219.80
2. Software	\$0.00
3. Supplies	\$0.00
4. Maintenance	\$0.00
5. Personnel	\$0.00
6. Other – Support	\$6,098.40

TOTAL: **\$85,318.20**