

## **New Berlin CUSD #16**

### **Technology Report**

**SY 2024-2025**

Submitted November 2024

#### **I. Goals:**

##### **A. Equitable access to technology across PreK through 12.**

1. Identify gaps in current technology infrastructure in elementary, junior high and high school facilities.
  - Identify current technology components in each PreK-12 classroom.
  - Solicit feedback from administrators regarding anticipated needs.
  - In collaboration with administrative staff, develop and disseminate a technology needs survey to PreK-12 teachers.
  - Gather data.
  - Work with administrative staff to prioritize needs for SY2025-2026.

##### **B. 1:1 technology in PreK-12.**

###### **1. Technology in PreK-12**

- Identify current device inventory and needs for additional devices, i.e. Chromebooks, tablets, iPads, etc.
- Identify yearly budget to maintain and adequate supply of devices from year to year.
- Research what other districts are using for technology contract and associated fees.

##### **C. Current technology inventory**

###### **A. At the start of SY 2024-2025 inventory consisted of:**

- 1,000 plus Chromebooks/tablets

- August 2024 replaced 50 Chromebook due to wear and tear.
- Approximately 125 desktops need replaced in FY 25
- Document cameras –mainly elementary
- 20 Interactive white boards—elementary
- Standalone labs: Elementary 0; HS/JH 1
- LCD projectors in K-12 classrooms
- Access points K-12, 89 total
- 3D printers-2 total
- Identify current technology components in each PreK-12 classroom.
- Copiers—9 total
- Color Printers—16
- Added around 90 laptops for teachers in the last 3 years
- Replaced Aruba Wireless network with Extreme Wireless network to provide a more robust wireless network

#### D. Network Infrastructure

##### A. Maintain updated infrastructure resulting in increased security and speed for connectivity:

- Project on going to be done by sy 2025 - 2026
- Extreme Layer 3 Switches are being installed throughout the district
- Partial funding via E-Rate
- Installed 1 Gig Internet connection, completed August 2020 through State of IL Funding (no cost to the district). Switching over to Consolidated this year, still no cost to district.

#### E. Student Safety

##### A. Execute and monitor various components of technology hardware and software to promote student safety.

- GoGuardian expanded in August 2020 to include GoGuardian Suite.
  - Content filtering of Chromebooks
  - Self-harm monitoring system

- Teacher-control features
- Linewize—content filtering
- Implementation of I-Ready
- 89 surveillance cameras installed from 2021-present for elementary and 13 over at transportation. HSJH will be installed with new building project
- Added keyless entry doors from Verkada

## II. Technology Budget

- A. To be determined by current and future needs to ensure equitable access to technology across the district.
- B. E-Rate provides reimbursement for technology-related expenditures for category 2 projects.

## III. Future Goals and Needs

- A. Based on current known needs the following is anticipated:
  - Updating and replacing outdated teacher workstations
  - Updating interactive whiteboards in the elementary building
  - Updating computer in HS/JH to Windows 11
  - Evaluation of future hardware and software needs