

Measure I Technology

Projects

- **Network Equipment (District Wide)**

Includes all devices and services required for network access and communication. This project also includes the maintenance and updating of current equipment to increase network service stability and expansion.

- **Learning Devices (District Wide)**

Includes all individual devices such as laptops, desktops, lab machines, carts, tablets, etc. that support students, staff, and faculty.

- Computers Mac/PC, Chromebooks, Laptops (Qty: 20,925)
- Device Carts (Qty: 587)
- Document Cameras (Qty: 89)
- iPads (Qty: 499)
- Monitors (Qty: 159)
- Printers (Qty: 122)
- Additional accessories that provide connectivity to the above devices

- **Professional Development (District Wide)**

Provides learning opportunities to staff and faculty, including learning about new technologies and technology updates, to promote professional growth .

- **Professional Services (District Wide)**

Includes installations, troubleshooting, consulting, support, repairs, and other expertise.

- **License & Renewal (District Wide)**

Provides subscription payments for software licenses (such as Microsoft Office, Adobe, Cisco, Illuminate, etc.). These licenses provide access, support, and warranties of the products.

- Adobe Creative Cloud
- Domain Name Renewal
- Filemaker
- Heartland School Solutions (Point of Sale Software System)
- Houghton Mifflin Harcourt (Data Director)
- Ideal Computers (Software Support Renewal for Softline E3000 N4000)
- Illuminate Education (Student Data and Assessment Management System)
- Infinite Campus (Student Data)
- Microsoft Office

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Projects (cont.)

- Quintessential Software Support (QSS Business Systems)
- School Loop Integration Services
- Solarwinds Web Helpdesk
- **Projection Devices (District Wide)**

Includes audio and visual material/ equipment needed for information sharing and projection in classrooms, meetings, workshops, etc.

 - Epson Projectors (Qty: 549)
 - Epson Whiteboards (Qty: 162)
 - Recordex (Qty: 223)
- **Backend System Phase II (District Wide)**

To upgrade and maintain our 'backend' network services and servers. This includes server, time machine, storage system, phone system, etc.
- **Community Wireless (District Wide)**
 - This is a collaborative effort between the District and the City of San Jose to provide wireless network access to ESUHSD users in certain geographic areas. The project has been implemented at James Lick HS. W.C. Overfelt HS and Yerba Buena HS are still in engineering stage.
 - Delivery Method: Negotiated agreement with the City of San Jose
- **Technology Equipment (District Wide)**

Includes equipment used to foster network access or services.
- **Security Camera Upgrades (District Wide)**

Provide new and improved camera system and solutions for the safety of our facilities. We have completed installation and are currently addressing changes and improvements to the initial installation.
- **Major System Implementation (District Wide)**

Implementation of any new Major Technology Systems used by the overall Instructional, Business, and Human Resource Services departments.

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Delivery Method

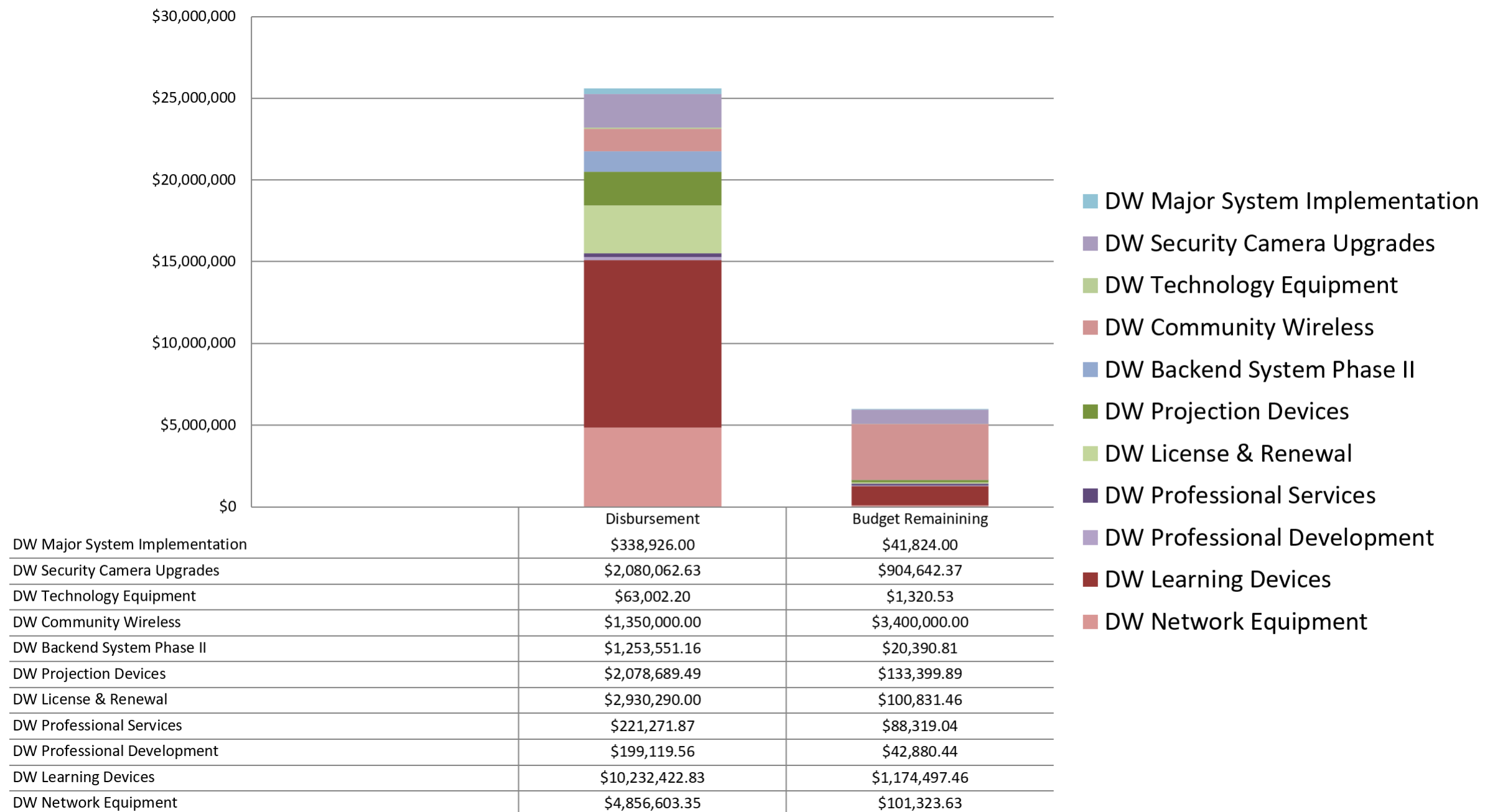
Our District uses procurement methodologies such as: RFPs, CUPCCA, cooperative bids, yearly services, and warranty contracts. For specific specialties or sole source items, we follow currently adopted practices per District Policies.

** The same delivery method applied to all projects except for the Community Wireless (District Wide) Project.*

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Budget

Expenditures Snapshot as of November 30, 2018



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Vendors

- Accelatron
- Adobe Systems Incorporated
- Amazon.com
- Apple Computer Inc.
- Arey Jones
- Audio Images
- Bay Area HVAC
- B&H Photo Video
- Blue Chip Tek Inc.
- Borderlan Security
- Cal Coast Telecom
- California Financial Services
- Capitol Printing & Copying
- Carahsoft Technology Corp.
- Casa Vicky
- CDW-G
- Cengage Gale
- Cengage Learning
- Citrix Online
- City of San Jose
- Classtech
- Cleverbridge
- CMD Mac Parts
- Colbi Technologies Inc.
- Colligo Systems LLC
- Crawley International
- Crichton, Katie / Crichton, Robert
- Cue Conference
- Daily Journal Corp
- Dale Scott
- Dannis Woliver Kelley
- Datamation Systems Inc.
- D&D Security Resources
- Dell Marketing L.P.
- Derivative Technology LLC
- Dimension Data (Nexus)
- Diverse Network Associates
- Edco
- Equipone
- Ethos Pantology
- Faronics Technologies USA Inc.
- Filemaker Inc.
- Forecast 5
- Fortune Cabling Services
- Fred Pryor Seminars
- Fresno County
- G4S Secure Integration LLC
- Getgo, Inc.
- GoDaddy
- Google Inc.
- Houghton Mifflin
- Ideal Computer
- Identity Automation Lp
- Illuminate Education Inc.
- Independent Technology Group
- Infinite Campus Inc.
- Instructure
- Learningtech.Org
- Logicloft
- Logmein USA
- Macbookadapter.com
- Macsales.com
- MicroK12
- Multimedia Consulting Services
- Network Solutions
- Netxperts Inc.
- Newegg
- Nexus Is Inc.
- Office 1
- Office Depot Business Svcs
- Pathtoexcel
- Philadelphia Security Products
- Planetbids Inc.
- Procomputing Corp
- Productive Computing
- Prosofteng.com
- Quintessential School Systems
- Radonich Corp
- Ricoh USA Inc.
- Santa Clara COE
- School Loop
- Seton Identification Products
- SHI International Corp
- Shoutpoint
- Skillforge
- Solarwinds Worldwide LLC
- Specialtys.com
- State Board of Equalization
- Sterling Computers
- SyTech Solutions
- Teachmore LLC
- Total School Solutions
- Turnitin LLC
- U.S. Bank Corp
- Vavrinek Trine Day & Co LLP
- Vfo
- Whitlock

Measure I Technology

Highlights/Issues

- 23K computing devices for students and staff
- More than 600 labs and classrooms with full day access
- Wireless network that supports more than 55K unique connections per day
- Improvement from site connections at 1GB to 10GB to internet
- Vastly improved safety camera clarity and reliability with even more features and improvements coming from 8fps video at low resolution to minimal 720 to 1080 clarity and 30fps today.
- Ability to stream meetings to youtube and automate it to make it low cost for staffing
- More than 1000 projection devices for classrooms
- Document cameras for all teachers who have requested them
- Telephone system upgrade to most modern software and phase in of more modern telephones
- ARMS identity management and identity protection system
- Uniflow Print server and rights management tool
- Illuminate student data management system to manage student performance data and better help us predict and understand student performance
- Schoolloop LMS and parent communication tool.
- Teachers & staff are provided modern laptops of their choosing among macs, pc and chrome
- Modern projection devices in meeting rooms
- Network switch and router upgrade that will provide more robust throughput (10GB connections on backbone) and include IOT features to power new devices at lower cost
- Robust backup and data protection system using Time Machine for more than 90% of staff the remaining 10% solution will be in place with 18 months.
- Classified training in using technology and working with students and complex software through Fred Pryor training.
- MUNIS Financial system migration, moving from antiquated finance system to MUNIS which will provide HR software for the first time for our district along with streamlined and modern approaches to managing finance and all other resources in process.
- Zone printers provided for sites. Laser printing solutions in place at each site to aid teachers and staff in their printing needs.
- Microsoft Office, Google Docs, Drive and Add Ons & Adobe Creative Suite for all users of ESUHSD. This is a tremendous achievement to provide this for all users.
- FACSHARE server. A central repository for all construction and site specific data and drawings. It is both robust and a cost savings of more than 20k per year to house on premises versus hosting with Box or similar.
- Community Wireless implementation at James Lick. More than 5K unique esuhd users use the connection per month. Students rely on it for homework and communicating with teachers as well as research, hunting for colleges and jobs.
- New Uninterrupted Power Supply and Power protection for Network Operations Center
- New Air Conditioning System for Network Operations Center
- Document Management Storage System "DocStop" successfully implemented and utilized