



# Technology Services



# Agenda

- Technology Department Org Chart
- Completed Technology Projects
- Projects that are in Flight
- Proposed Technology Projects for 23 -24
- End Users Technology Landscape
- Support from Sites and Departments



# District Goals

## LCAP GOAL 1

### Academic Achievement

The district will provide a high quality curricular program for students that will raise student proficiency on the California Common Core State Standards as measured by overall academic achievement on state assessments, CA Dashboard results, interim assessment data and ELPAC/Reclassification data.

SSFUSD Vision



## LCAP GOAL 4

### Special Education

The district will provide high quality curricular programs for students with IEPs that will raise student engagement in school and proficiency on the California Common Core State Standards as measured by overall academic achievement on state assessments, and engagement rates.

## LCAP GOAL 2

### Professional Development

Identified classified staff, certificated and administrative staff will participate in professional development to create capacity and expertise in curriculum program implementation based on the development of scope and sequence as measured by walkthrough observations and other evidence (artifacts and student work)

## LCAP GOAL 3

### Student, Parent & Community Engagement

Improve parent school engagement through an increase in participation in site and district parent groups such as SSC, PTSA, DELAC, ELAC, AAPAC as well as in other parent meetings as measured by attendance sign in sheets.

# District Priorities

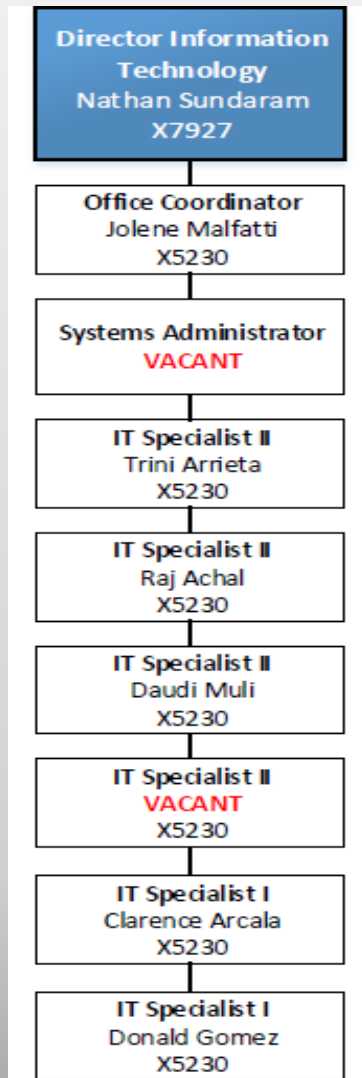
A) Improve Curriculum, Instruction & Assessment

B) Bolster Professional Learning and Collaboration

c) Strengthen Leadership Capacity



# Business Services Organization Chart



## Technology Services Department

### Director of Technology Services is Nathan Sundaram

- Oversees the infrastructure of technical operations, tracking the technology itself in order to achieve goals, meeting quotas, mitigating security risks, increasing user satisfaction, maintaining existing operations and systems and developing new technical solutions.

### Systems Administrator position is vacant at this time

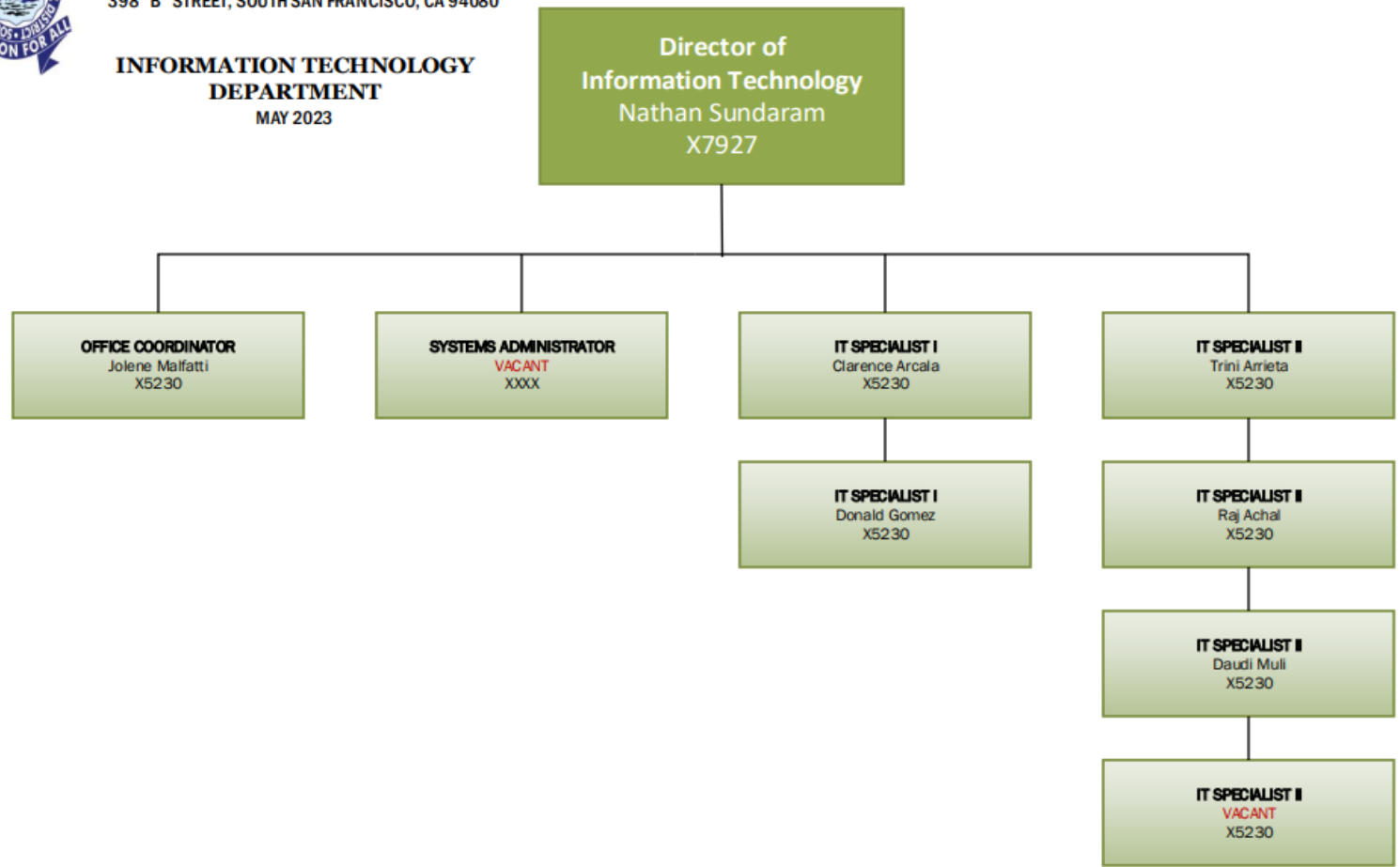
- Manages and maintains the server and network infrastructure, tracks and maintains technology inventory, mitigates security risks, contributes to increasing user satisfaction, manages and maintains data and databases, maintains existing operations and systems and recommends new software and technical solutions.



# Technology Org Chart



**SOUTH SAN FRANCISCO UNIFIED  
SCHOOL DISTRICT**  
398 "B" STREET, SOUTH SAN FRANCISCO, CA 94080  
**INFORMATION TECHNOLOGY  
DEPARTMENT**  
MAY 2023





# Complete projects

- **Network Electronics and Cabling - Board Approved on 3-12-2020.**
  - Network resources at all sites have been upgraded, and all outstanding issues have been resolved, resulting in better WIFI connections and speed at all the sites.



190 Switches



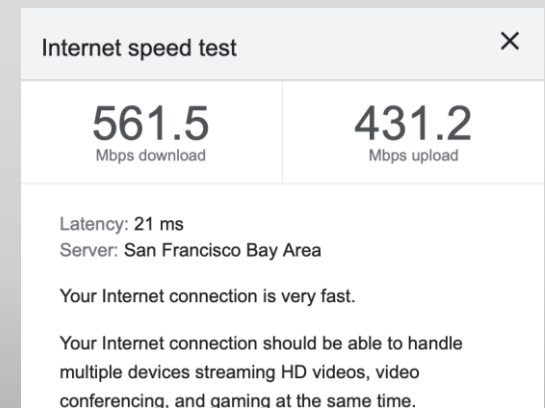
815 AP



25 Outdoor AP

## Results:-

- Achieved average download speeds of 500Mbps and upload speeds of 400Mbps.
- Resolved the sticky sessions caused due to roaming.
- Addressed videos were stuttering when streaming to Apple TV through WIFI.





# Complete projects

- **TPx SIP trunk phone service- Board Approved on 9/23/2021.**
  - Modernize the Phone system to support reliability and growth and reduce cost.
- **El Camino HS Football field A/V - Board Approved on 9/1/2022.**
  - WIFI and streaming capability in El Camino HS Football field.
- **Serra Vista A/V upgrade - Board Approved on 6/23/2022.**
  - Audio visual resources have been installed at Serra Vista to enable the meeting/conference and training with no requirement for manual setup of the resources.
- We implemented Security measures to monitor traffic in our network and access.



# In-flight projects

- **Storage Upgrade - Board Approved on 11/18/2021.**
  - Upgrade the data center storage system to move us from a legacy not supported system to a modern and secure solution.
- **EV stations at the district office - Board Approved on 7/30/2023.**
  - A pilot project is underway to install 8 Electric Vehicle charging stations at the District Office parking lot and the capability to add four more in the future (Part Grant Funded).



# Priorities for 23-24

## People

- Fill the System Administrator position.
- Fill the IT specialist II position.

## Process

- Create a Curriculum Technology Integrator (CTI) job description and conduct technology training.
- Create a process for app requests, vetting, and approvals for iPad and Chromebook devices.
- Standardize policy for iPad collection and redistribution.
- Standardize policy for Chromebook collection and redistribution.



# Priorities for 23-24

## Technology

- Implement a Disaster Recovery and Business Continuity Plan.
- Enhance the security measures of our systems, devices, and data.
- Upgrade and operate the security camera system.
- Standardize and introduce Interactive TV to enhance student learning and pilot at JS.
- Implement Zero-touch automated iPad and MacBook provision process.
- Improve customer service and increase customer satisfaction. Implement tools and training to achieve a 5-day turnaround for Incident tickets.



# End Users Technology Landscape

- End Users Devices



3,273 iPads



12,000 Chromebooks



300 Windows Machines



1,176 Macbooks



1,000 Desk Phones



700 Printers

