

Compton Community College District Infrastructure & Wi-Fi Project

TECHNOLOGY ANALYSIS AND PROPOSAL



Step One: Perform an Assessment

- AT&T conducts a comprehensive analysis of the Data Infrastructure at the district
 - Network Assessment
 - Security Analysis

Network Assessment

- Purpose of the Assessment
- Assessment Process
- Locations and Technology Reviewed
- Results of the Assessment

Security Analysis

- Purpose of the Analysis
- Analysis Process
- High Level Findings
- Results of the Analysis

Step Two: Proposed Solution

- Core and Edge Upgrades
- Replace Routers
- Upgrade Security Devices
- Wireless/Wi-Fi LAN Solution
- Cabling Replace/IDF Upgrades
- Yearly Maintenance

Data Infrastructure

Infrastructure Upgrades

- Core Upgrades - Nexus 7000
- Switch Replacements/Additions
- Replace or Install Cabling - Refresh IDF's

Security

- Perimeter Upgrades
- Interior Additions
- Benefits

Campus Wi-Fi Installation

Comprehensive Aruba Wireless LAN solution

- Over 180 Aruba AC-rated Access Points
- ClearPass Access Control
- Airwave Network Management

Cost Breakdown

Item:	Cost:
Core Upgrades	\$614,270
Edge Switching	\$1,293,539
Routing	\$33,649
Security	\$373,628
Wireless	\$342,224
Cabling/IDF Upgrades	\$574,964
Maintenance (5 years)	\$754,753
Spare	\$90,412
Total Cost of Project	\$4,077,439

Final Step : Installation

Who? and How long?

- MIS
- AT&T
- Aruba
- West Coast Cable

Overall expected duration of the project is 4 months from the time of kick-off

Any questions?