

Vineland Board of Education  
Technology Plan  
July 1, 2007 through June 30, 2010

**III Technology Overview**

**A. 1 – 2. Technology**

The table below may be used to describe the district's or charter school's technology inventory that is needed to improve student academic achievement through 2007. The use of this table is optional.

<b>Three-Year Technology Plan Inventory Table</b>			
<b>Area of Need</b>	<b>Describe for 2007-8</b>	<b>Describe for 2008-9</b>	<b>Describe for 2009-10</b>
Technology Equipment	3Com Gigabit network switches at all district junction sites, 100/10 Switches with gigabit blades (Layer II Switching) for ALL MDFs/IDFs, 3Com Gigabit/100/10 switches for all computer labs (Layer II Switching) Lucent Definity GXR PBX IP Enabled for MAN (Metropolitan Area Network) telephone system. EPNs located at All Major connections. VOIP telephone connectivity at selected sites without EPNs or through Verizon ATM T1 Panasonic digital servers for all JPG cameras=current totals 170. Backup Diesel general and Onan transfer switch for Backup power	3Com Gigabit network switches (with bandwidth monitoring) at all district junction sites, 100/10 Switches with gigabit blades (Layer II Switching) for ALL MDFs/IDFs, 3Com Gigabit/100/10 switches for all computer labs (Layer II Switching) Lucent Definity GXR PBX IP Enabled for MAN (Metropolitan Area Network) telephone system. EPNs located at All Major connections. VOIP telephone connectivity at selected sites without EPNs or through Verizon ATM T1 Panasonic digital servers for all JPG cameras=projected totals 250. Backup Diesel general and Onan	3Com Gigabit network switches with bandwidth grooming) at all district junction sites, 100/10 Switches with gigabit blades (Layer II Switching) for ALL MDFs/IDFs, 3Com Gigabit/100/10 switches for all computer labs (Layer II Switching) Powered network switches at identified sites. Lucent Definity GXR PBX IP Enabled for MAN (Metropolitan Area Network) telephone system. EPNs located at All Major connections. VOIP telephone connectivity at selected sites without EPNs or through Verizon ATM T1 Panasonic digital servers for all JPG cameras=projected totals 400. Backup Diesel general and Onan

	to district NOC (Network Operating Center)	transfer switch for Backup power to district NOC (Network Operating Center)	transfer switch for Backup power to district NOC (Network Operating Center)
Network Capacity	Gigabit bandwidth throughput through ALL MDFs to IDFs. Gigabit/100/10 connectivity to all classroom computer systems, 45 Mg Internet Connection 0C3, 155MG Sonet Network Through Verizon Access New Jersey)	Gigabit bandwidth throughput through ALL MDFs to IDFs. Gigabit/100/10 connectivity to all classroom computer systems, 45 Mg ATM connection to Internet. 0C3, 155MG Sonet Network Through Verizon Access New Jersey)	Gigabit bandwidth throughput through ALL MDFs to IDFs. Gigabit/100/10 connectivity to all classroom computer systems, 45 Mg ATM connection to Internet. 0C3, 155MG Sonet Network Through Verizon Access New Jersey)
Filtering Software	CrossBeam System with appropriate filtering software in compliance with CIPA (Children's Internet Protection Act) Secure Computing Plus CheckPoint	CrossBeam System with appropriate filtering software in compliance with CIPA (Children's Internet Protection Act) Secure Computing Plus CheckPoint	CrossBeam System with appropriate filtering software in compliance with CIPA (Children's Internet Protection Act) Secure Computing Plus CheckPoint
Video Conferencing	Polycom Units (5) utilizing IP connectivity to a FVC VGate for 10 Mg Video ATM to Verizon Video Portal or ISDN 24 channel connection	Polycom Units (8) utilizing IP connectivity to a FVC VGate (or similar Polycom Gateway) for 10 Mg Video ATM to Verizon Video Portal or ISDN 24 channel connection	Polycom Units (8) utilizing IP connectivity to a FVC VGate (or similar Polycom Gateway) for 10 Mg Video ATM to Verizon Video Portal or ISDN 24 channel connection
Maintenance Policy and Plans	24 X 7 Maintenance Guardian Service on all Gigabit switches and Total Control Dial-in (46 available lines) server. Lifetime warranty on all 3Com 7700, 5500, 4400s. 3 Year warranty on all Polycom units. Verizon/Cisco Warranty on LS1010 and 3745 Router to Success site. Upgrade to LS1010 from Verizon ANJ. Servion warranty for IVR	24 X 7 Maintenance Guardian Service on all Gigabit switches and Total Control Dial-in (46 available lines) server. Lifetime warranty on all 3Com 7700, 5500, 4400s. 3 Year warranty on all Polycom units. Verizon/Cisco Warranty on LS1010 and 3745 Router to Success site. Upgrade to LS1010 from Verizon ANJ. Servion warranty for IVR	24 X 7 Maintenance Guardian Service on all Gigabit switches and Total Control Dial-in (46 available lines) server. Lifetime warranty on all 3Com 7700, 5500, 4400s. 3 Year warranty on all Polycom units. Verizon/Cisco Warranty on LS1010 and 3745 Router to Success site. Upgrade to LS1010 from Verizon ANJ. Servion warranty for IVR software.

	software. 24 x 7 warranty on Lucent Definity GXR PBX IP Enabled for MAN (Metropolitan Area Network) and all school/site EPNs (14) and battery systems.	software. 24 x 7 warranty on Lucent Definity GXR PBX IP Enabled for MAN (Metropolitan Area Network) and all school/site EPNs (14) and battery systems.	24 x 7 warranty on Lucent Definity GXR PBX IP Enabled for MAN (Metropolitan Area Network) and all school/site EPNs (14) and battery systems.
Telecommunications Services	Lucent Definity GXR PBX IP Enabled for MAN (Metropolitan Area Network) with 3 T1 (69) trunks for all telephone/faxes/DIDs and VOIP connections district-wide. Small site connected via VOIP Wireless Bridged Connections Plus Verizon lines for small sites (5) not connected to district MAN	Lucent Definity GXR PBX IP Enabled for MAN (Metropolitan Area Network) with 3 T1 (69) trunks for all telephone/faxes/DIDs and VOIP connections district-wide. Small site connected via VOIP Wireless Bridged Connections Plus Verizon lines for small sites (5) not connected to district MAN	Lucent Definity GXR PBX IP Enabled for MAN (Metropolitan Area Network) with 3 T1 (69) trunks for all telephone/faxes/DIDs and VOIP connections district-wide. Small site connected via VOIP Wireless Bridged Connections Plus Verizon lines for small sites (5) not connected to district MAN
Technical Support	24 X 7 Maintenance Guardian Service for 3Com infrastructure. Servion for district IVR, Changeover to DCC Communicator for updated system. Telephone system warranty for technical support. District Technicians are as follows: Network administration = 2 Senior Communications Technician (telephone, radio, & security) = 1 Senior Computer Technicians = 2 Electronic Technicians (Fire systems, PA, Intercom TV, Video systems, Clocks, Security, Video Surveillance) = 2	24 X 7 Maintenance Guardian Service for 3Com infrastructure. Servion for district IVR, Changeover to DCC Communicator for updated system. Telephone system warranty for technical support. District Technicians are as follows: Network administration = 2 Senior Communications Technician (telephone, radio, & security) = 1 Senior Computer Technicians = 2 Electronic Technicians (Fire systems, PA, Intercom TV, Video systems, Clocks, Security, Video Surveillance) = 2	24 X 7 Maintenance Guardian Service for 3Com infrastructure. Servion for district IVR, Changeover to DCC Communicator for updated system. Telephone system warranty for technical support. District Technicians are as follows: Network administration = 2 Senior Communications Technician (telephone, radio, & security) = 1 Senior Computer Technicians = 2 Electronic Technicians (Fire systems, PA, Intercom TV, Video systems, Clocks, Security, Video Surveillance) = 2 Computer Technicians (Selected schools) = 7

	<p>Computer Technicians (Selected schools) = 7  All technicians have individual vehicles and equipment. A Web publisher and secretary comprise the central office technology department.</p>	<p>Computer Technicians (Selected schools) = 7  All technicians have individual vehicles and equipment. A Web publisher and secretary comprise the central office technology department.</p>	<p>All technicians have individual vehicles and equipment. A Web publisher and secretary comprise the central office technology department.</p>
<p>Facilities – infrastructure including central telephone &amp; security systems</p>	<p>Lucent Definity GXR PBX IP Enabled for MAN (Metropolitan Area Network) and all school/site EPNs (14) and battery systems. Proximity Access building and students security systems for access control for all sites.</p>	<p>Lucent Definity GXR PBX IP Enabled for MAN (Metropolitan Area Network) and all school/site EPNs (14) and battery systems. Proximity Access building and students security systems for access control for all sites.</p>	<p>Lucent Definity GXR PBX IP Enabled for MAN (Metropolitan Area Network) and all school/site EPNs (14) and battery systems. Proximity Access building and students security systems for access control for all sites.</p>
<p>Other</p>	<p>Wireless connectivity deployment for smaller sites from district NOC site, Cell Phones &amp; Pagers, Satellite Systems</p>	<p>Wireless and WiFi connectivity deployment for sites (New Community School) from district NOC site, GPS Systems, Cell Phones &amp; Pagers, Satellite Systems</p>	<p>Wireless and WiFi connectivity deployment for ALL sites from district NOC site, GPS Systems, Cell Phones &amp; Pagers, Satellite Systems</p>