Memorandum of Understanding
Between The Alameda County Office of Education
And
San Leandro Unified School District

Palo Alto Network Security Services

The purpose of this Memorandum of Understanding is to describe agreements between The Alameda County Office of Education ("ACOE") and San Leandro Unified School District regarding the provision of firewall and other security services through ACOE's Palo Alto Network virtual environment. The time of this agreement is for fiscal year 2013-2014.

Scope of Work
ACOE will provide a virtual security device that will provide firewall and other next generation security services. These services include:

Application Firewall:
- Detailed information about the applications, users, and content traversing your network.
- Prevent known vulnerability exploits, malware, spyware, malicious URLs while analyzing traffic for, and automatically delivering protection against highly targeted and previously unknown malware.
- Analysis of all traffic generated by user applications and their threat levels.
- An application's key features and behavioral characteristics.
- Details on the users using an application.
- Details on those affected by a threat.
- LDAPv3 user/group integration.

URL Filtering:
- Control web browsing based on category or through customized white or blacklists.
- Specify your group-based web browsing policies with user repository integration provided by User-ID.
- Enable bandwidth control for designated categories by creating QoS policies for specified URL categories.
- LDAPv3 compliant user bypass
- Google and other prominent search engine "Safe Search"

Network-based Malware Protection
- Inline, stream-based protection against malware embedded within compressed files and web content.

- DNS-based botnet analysis to reveal rapidly evolving malware networks and malicious websites
- Protection against HTML and malicious Javascript
- Leverages SSL decryption within App-ID to block viruses embedded in SSL traffic.

The 2013-2014 cost for the Palo Alto Firewall security service at a 400 Mbps connection is $4,750. For the 2014-2015 fiscal year this service will cost approximately $14,250 for the 1 Gbps connection, plus $8,800 for maintenance, and will be E-Rate eligible.

Amendment/Termination of MOU

This agreement may be amended or altered on terms and conditions mutually agreed upon by the parties hereto.

Jonathan Allen
Executive Director, I.T.
ACOE

Designated Signatory
San Leandro Unified School District