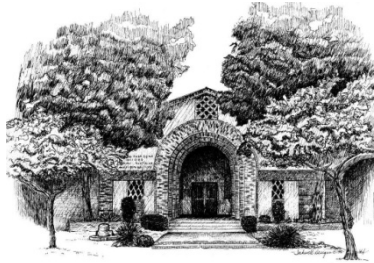


SOUTH PASADENA UNIFIED SCHOOL DISTRICT  
Business Services



**TO:** Board of Education

**FROM:** Dave Lubs, Assistant Superintendent of Business Services

**PREPARED BY:** Derek Aoki, Director of Technology

**DATE:** February 14, 2017

**SUBJECT:** Approval to Renew VMware Software and Licensing

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**Discussion**

South Pasadena Unified School District has been using VMware to virtualize servers, which run all district applications and services, for approximately ten years. The Technology Department is currently using VMware vCenter, vSphere, and Veeam on the new Cisco UCS, purchased in 2016.

VMware vCenter controls the virtualization and administration of the virtual machines, vSphere is the software that allows control of vCenter from desktops, and Veeam is the software used to backup and restore our virtual machines.

Virtualization provides savings by effectively managing the resources of the physical server. It also allows for energy savings, as well as manpower due to centralized administration.

Renewing these software licenses allows for continued usage, software upgrades, and basic support when troubleshooting is required.

**Fiscal Impact**

Basic Support Coverage for vCenter 6 Foundation is \$863.28 and vSphere 6 Standard is \$1320.00 for three (3) years of licensing. VMware Veeam backup software and licensing is \$3452.44 for three (3) years. This brings the total to \$5635.72, which would license our VM Server until 2020.

**Recommendation**

Dave Lubs, Assistant Superintendent of Business Services, recommends that the Board of Education authorize the renewal of VMware licensing to support our virtual servers for the next three years.