

Moriah Central School  
Smart Schools Investment Plan  
Second Submission

The Moriah Central School District was allocated \$931,051 as part of the Smart Schools Bond Act. Based on the Technology Plan adopted by the District and approved and on file with the NY State Department of Education, the District plans to utilize the funds available to further enhance teaching and learning in the classroom using technology. This second submission will focus on upgrading our connectivity to support a 1:1 computing environment and also upgrading high-tech security features in the District.

Moriah Central School District proclaims its instructional technology mission to be the provision of a technological environment that promotes learning and opportunity for all students in our community.

We are dedicated to the goals of providing faculty, staff and students the resources necessary to use technology as a tool to achieve educational excellence and preparation for college and careers.

After a recent security systems evaluation was performed, it was determined that upgrades are necessary to the current access control and video surveillance systems in place at the District.

#### **Upgrade existing video surveillance**

The original video surveillance system is over 8 years old. We currently have 30 analog and digital cameras installed on two different server based systems. Image quality will be drastically improved by replacing existing cameras with newer IP cameras. Additional perimeter camera coverage is necessary to monitor parking areas, student drop off areas and playgrounds. 12 IP cameras will be replaced with new cameras with high definition analytics technology along with upgrading our two servers to a video management system under the first submission of the Smart Schools Investment Plan. Under this second submission of the Investment Plan, we plan on installing 14 new cameras with high definition analytics technology to add further security to the building.

#### **Installation of new access control system**

Our current access control system consists of a system of 11 doors that is controlled by a server with no web access. Our current intercom system is installed at 3 doors, without communication between the locations.

We plan on replacing the existing access controls with a new system with the addition of 4 access doors and the monitoring of all existing exterior doors for status. The new system will include new web-based software. The existing intercoms will be replaced with an IP based system with a total of 4 doors and 5 masters. There will also be 3 hardwired emergency lockdown buttons installed. An emergency notification system will also be put in place.

### **Wireless network upgrade**

Our current wireless access technology consists of 60 access points and a wireless controller. In order to support a 1:1 computing environment in the future, we plan to install 100 additional access points and upgrade the existing ones along with the switches necessary to run the network.

### **High-Tech Security Features Budget Allocations**

Upgrade existing video surveillance	\$ 70,000
Installation of new access control system	\$145,600
Wireless network upgrade	\$156,400
<b>Total High-Tech Security Features:</b>	<b>\$372,000</b>