

Moriah Central School
Smart Schools Investment Plan
Second Submission - Final

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 upgrading 14 cameras with high definition analytics technology to add further security to the building.

Upgrade of existing 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. 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. 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 upgrade the existing system along with the switches necessary to run the network.

Wireless network upgrade	\$156,400
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High-Tech Security Features Budget Allocations

Upgrade existing video surveillance	\$ 70,000
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Installation of new access control system	\$145,600
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Total Budget:	\$372,000
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