

Shrewsbury Public Schools Video Surveillance Expansion and Modernization Plan

Presented by

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and

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Topics

- History of video surveillance in S.P.S.
- Current status of equipment and software
- Recent developments
- Proposed expansion plan
- Rationale
- Budget
- Funding mechanism plans
- Implementation timeline
- Recommendation

History

- S.P.S. has maintained video surveillance capability since 2002 with the opening of the new Shrewsbury High School
- With each new school or renovation video surveillance has been funded and expanded as part of the building project
- Systems vary and have been “stand-alone”, school-based systems

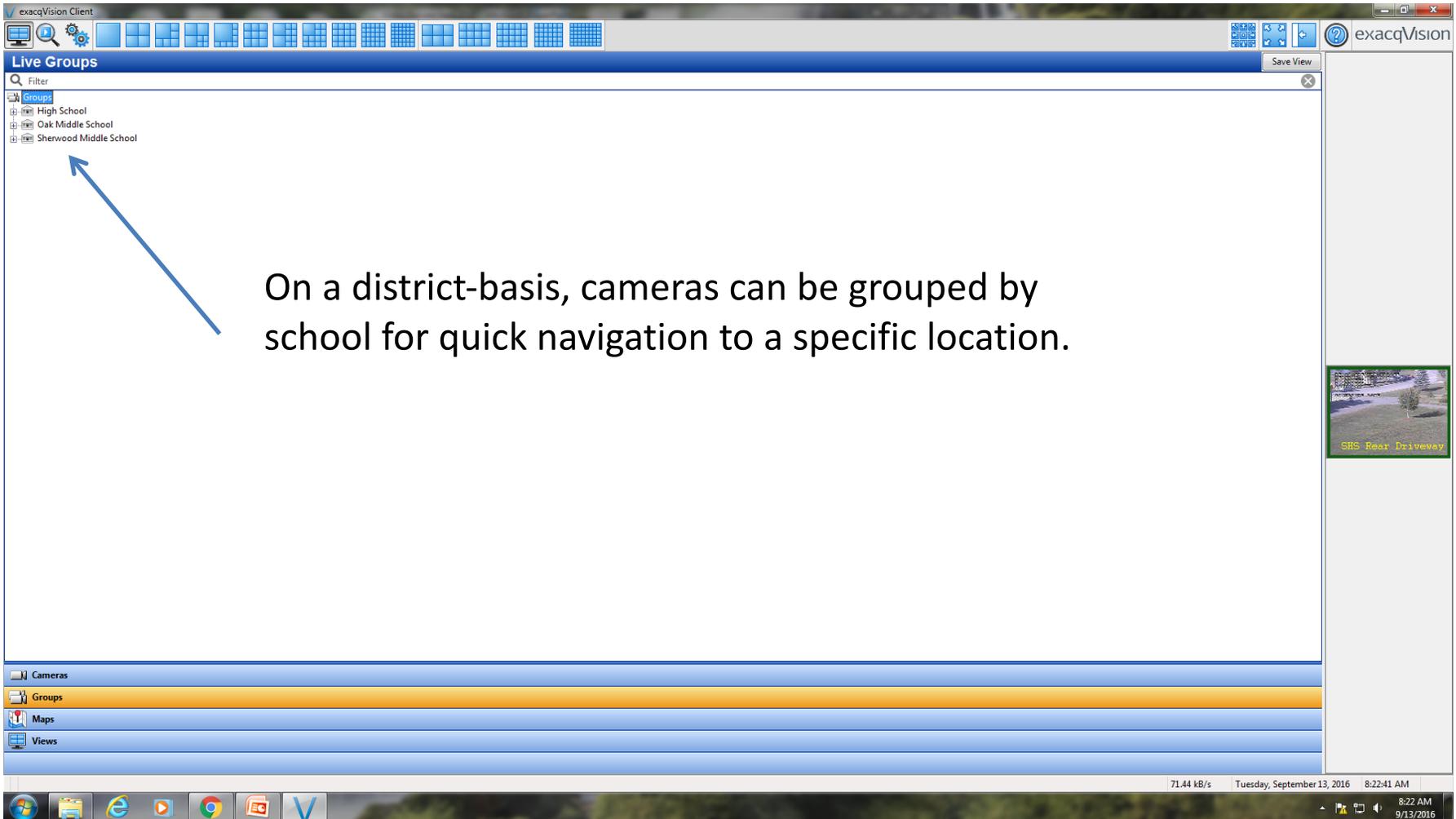
Current Status

- Shrewsbury High School:
 - 14 cameras- 2002 vintage [1 new “test” camera]
- Oak Middle School:
 - 6 cameras- 2004 vintage
- Sherwood Middle School-
 - 25 cameras- 2013 vintage
- Parker Road Preschool/SELCO
 - 8 cameras- 2013 vintage

Recent Developments

- We recently purchased the *exacqVision* software which allows for the consolidation of the cameras on a common backbone and eliminating the weakness of a school losing access to their system due to a failed computer
- Previously, camera systems were independent, stand-alone systems with access via dedicated computer that staff had to log into
- S.H.S., Oak, and Sherwood are on this new, web-based system and all cameras are easily accessible by school administrators at those buildings via their desktop computer [and potentially their cellphone]
- The Asst. Superintendent for Finance and Coordinator of Transportation & Safety also have the software on their computers

Recent Developments

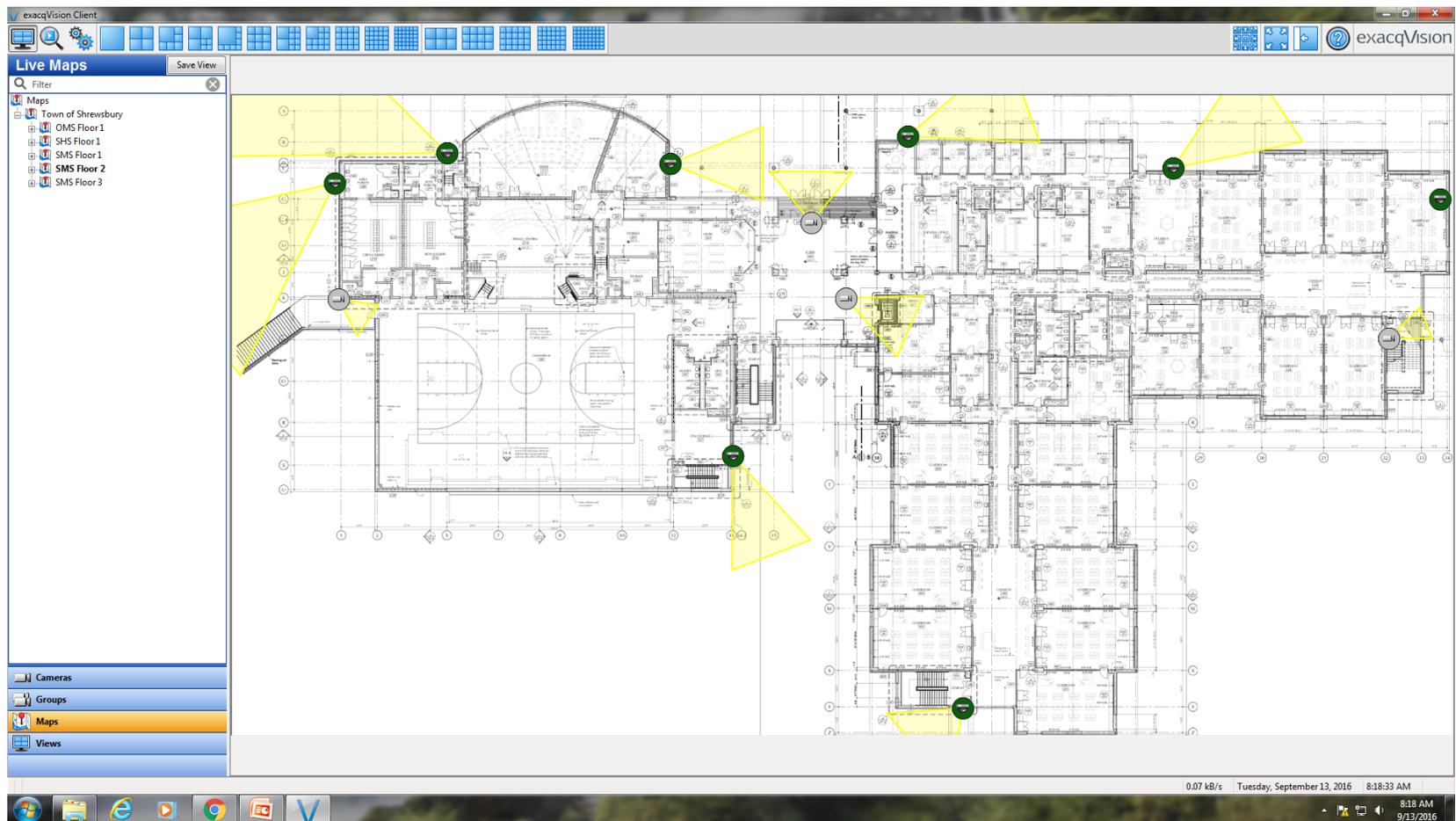


On a district-basis, cameras can be grouped by school for quick navigation to a specific location.

The screenshot shows the 'exacqVision Client' window. The 'Live Groups' panel on the left contains a search filter and a list of groups: 'High School', 'Oak Middle School', and 'Sherwood Middle School'. A blue arrow points from the text below to the 'Sherwood Middle School' entry. The bottom of the window shows a navigation bar with 'Cameras', 'Groups', 'Maps', and 'Views' tabs. The Windows taskbar at the bottom displays the date and time as Tuesday, September 13, 2016, 8:22 AM.

Recent Developments

Mapping feature provides quick overview of camera locations and coverage areas.



Recent Developments

Oak Middle School cameras- all on one screen for quick overview.



Rationale

- Expands video surveillance to all schools
 - Acts as deterrent to property damage or petty crimes
 - Serves as investigative tool
 - Provides school administrators, Central Office, and Police Dept. real-time access in event of emergency
- Standardizes equipment and software across all schools
- Modernizes existing equipment providing better quality images

Budget

School	Current # cameras	On Integrated Network [ExacqVision]	Proposed # cameras	Budget
SHS	15	Yes	35	\$ 122,500
Oak	6	Yes	16	\$ 56,000
Sherwood	25	Yes	No change	\$ -
Beal	0	No	Defer	\$ -
Coolidge	0	No	7	\$ 24,500
Floral	0	No	10	\$ 35,000
Paton	0	No	7	\$ 24,500
Spring	0	No	7	\$ 24,500
Parker	8-10*	No	3	\$ 10,500
			Total	\$ 297,500

Funding Mechanism Plans

- Plan A:
 - Intergovernmental agreement with SELCO to have them finance total initial investment with three-year School Department payback
 - Facility Rental revolving fund pays for secondary school equipment and Extended School Care revolving fund pays for elementary school equipment

Funding Mechanism Plans

- Plan B:
 - Multi-year, phased approach
 - Facility Rental revolving fund pays for secondary school equipment and Extended School Care revolving fund pays for elementary schools

Implementation Timeline

- Contingent upon funding
 - Plan A- assumptions/contingencies
 - School Committee approves the plan- September
 - SELCO approves financing plan- October
 - Complete detailed equipment specifications and camera locations, wiring requirements- December
 - Installation, testing, training- February 2017
 - Project closeout/completion- March 2017

Implementation Timeline

Plan B

- Contingent upon funding
 - School Committee approves the plan- September

Three-Year Phase In

	FY17	FY18	FY19
SHS	50%	50%	
Oak			100%
Coolidge		100%	
Floral	100%		
Paton			100%
Spring			100%
Parker	100%		

Percentages reflect amount of equipment installed in that fiscal year.

Recommendation

- *That the School Committee vote to approve the video surveillance expansion and modernization plan and allocate up to a total \$180,000 from the Facility Rental Fund and \$120,000 from the Extended School Care Program to be paid over the next three-years to fund the project*