



Milford Public Schools Maximizes Its 1:1 Initiative with Lightspeed Analytics™

Milford Public Schools (MPS), located approximately one hour outside of Boston, Massachusetts, recently provided Chromebooks to 3,000 students in grades 3-12, making it easier for teachers to integrate a variety of educational software and applications into their curriculum. As teachers and students alike leverage mobile technologies to explore an expansive world of online resources, district leaders are utilizing CatchOn® [Lightspeed Analytics], a user-friendly data analytics and application monitoring tool, to evaluate classroom app usage, validate investments, and safeguard student data privacy.

LAUNCHING A DIGITAL INITIATIVE

Dr. Kevin McIntyre, MPS Superintendent, sought to create dynamic learning environments--a vision he achieved by leveraging technology to transform the way students learn, create, and connect. His district's journey began with an all-important question: what device will best support MPS's technology goals? After careful consideration, MPS purchased Google Chromebooks for students in grades 3-9, and, after a successful first year, the initiative expanded to include students in grades 10-12. Committed to providing his students with the very best digital learning experiences, Dr. McIntyre also appointed Director of Digital Learning, Technology, and Innovation, Dr. Matthew Joseph, to ensure the initiative's ongoing success. Two years after deployment, Dr. Joseph and others at MPS, including students, commend the technology's transformative impact.



Our students are eager to participate in the initiative and look forward to receiving their devices each year. They have told us that the Chromebooks have significantly impacted the way they learn—from how they study and take notes to how they research and collaborate.

– Dr. Matthew Joseph, Director of Digital Learning, Technology, and Innovation, Milford Public Schools



TAKING THE GUESSWORK OUT OF EDUCATION

Today, with help from Lightspeed Analytics, MPS's leaders are quickly analyzing real-time data to identify trending applications and software and make the most of the high-performing tools they uncover. **"Thanks to the system, our IT team could see that teachers and students were using a free version of a web-based product that connects English-language learners to educational audiobooks—and after some research, we found that it is a valuable resource that can benefit all learners. We deployed it district-wide, and it has been a great success so far. In this way, we've improved learning outcomes because we no longer have to guess about what works for our students and what doesn't,"** says Dr. Joseph.

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Before CatchOn [Lightspeed Analytics], we had no evidence of usage. We could only hope that the tools we were paying for were being used effectively, if at all.

– Dr. Matthew Joseph, Director of Digital Learning, Technology, and Innovation, Milford Public Schools

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DATA-DRIVEN INVESTMENTS

Lightspeed Analytics enables MPS leaders to make data-informed decisions about the district budget. **"Having visibility into the learning applications and web tools that our teachers and students are using is, from a budgetary perspective, absolutely critical,"** says Dr. Joseph. **"The system enables our leaders to save money by using data to create a toolbox of apps that teachers actually use."**

In just the first year of using the system, MPS saved more than \$6,000 and reallocated more than \$14,500 into trending—but previously unbudgeted—tools, many of which had been specifically requested by teachers.

SAFEGUARDING STUDENT PRIVACY

The increased visibility afforded by Lightspeed Analytics also empowers district leaders to be vigilant in protecting student data privacy. **"Student data privacy is paramount as we introduce new technologies and applications,"** says Dr. Joseph. **"We appreciate that the system, in addition to implementing its own student privacy policies, makes us fully aware of which apps our students have access to so that we can identify any vulnerabilities."**

DATA ANALYTICS AND THE FUTURE OF EDUCATIONAL TECHNOLOGY

For MPS, data is now indispensable to its digital journey. **"The data provided by CatchOn [Lightspeed Analytics] is a critical utility that we rely on to support our 1:1 initiative,"** says Dr. Joseph. **"Data analytics eliminates guesswork and, for that reason, will quickly become a cornerstone of educational technology. It has proven invaluable in building budgets, creating curriculum, and determining professional development."**

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Our ultimate goal with technology is to create a classroom that's as dynamic as the world around us. We want to encourage students to play an active role in their education by providing them with the tools they need to learn and engage.

– Dr. Matthew Joseph, Director of Digital Learning, Technology, and Innovation, Milford Public Schools

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