



CASE STUDY

Enhancing Educational Efficiency with Ricoh's KDI Office Technology at West Deptford Middle School



Overview

West Deptford Middle School in New Jersey has embraced cutting-edge technology by integrating KDI Office Technology's Ricoh solutions to transform its educational environment. With the implementation of Ricoh Multifunction Printers (MFPs) equipped with Equitrac Express printer management software and Proximity Cards, the school has optimized resource use and reduced waste, fostering an innovative learning experience.



"We needed to introduce the concept of Proximity Cards in a way that was straightforward and easy for the students to use. While the software required a significant initial investment, it has proven to be much more cost-effective and environmentally friendly, reducing waste in paper, energy, and supplies."

Don Schatzman, President of Sales

KDI Office Technology

Introduction

Client: West Deptford Middle School

Industry: Education

Technology Partner: KDI Office Technology & Ricoh

Challenge

With the school's initiative to provide laptops to each fifth-grade student, there was a significant increase in printing demands, which led to rising costs for paper, toner, and energy. West Deptford Middle School needed an effective solution to manage printing efficiently and reduce unnecessary waste while maintaining ease of use for students and faculty.

Solution

KDI Office Technology's provided a comprehensive solution with the following components:

- Proximity Cards with Bar Codes: These cards serve as more than just student IDs. They allow students to securely access Ricoh MFPs, ensuring that only necessary documents are printed, effectively controlling print volume and reducing waste.

- Equitrac Express Software: This powerful printer management solution allows for secure document release and provides detailed tracking of all printing activities for both students and faculty.

- Ricoh Multifunction Printers (MFPs): The school installed eight Ricoh MFPs, each equipped with card readers to facilitate secure and efficient printing processes throughout the campus.

Key Features

- Student Identification: The Proximity Cards integrate seamlessly with existing school infrastructure, managing lunch and library activities while also enhancing document management.

- User-Friendly Interface: Students simply hold their Proximity Cards up to an MFP, which recognizes them by name and displays a menu for selecting documents to print, simplifying the printing process.

- Cost Efficiency: By selecting only the necessary documents for printing, the school has significantly reduced waste, cutting costs on paper, toner, and energy.



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Results

- **Reduced Waste:** The school has achieved lower print volume and waste, enabling it to allocate resources efficiently and add three additional Ricoh MFPs to its fleet.
- **Improved Oversight:** The administration receives detailed reports on printing activities, allowing them to monitor usage and set appropriate limits for both students and faculty.
- **Scalability:** Following the success of the middle school implementation, the district plans to expand Proximity Card printing to the high school, accommodating over 2,000 students.

Unique Sales Approach

Don Schatzman, KDI Director of Sales, highlighted this project as a prime example of how hardware follows software. The software investment fundamentally transformed student interaction with technology, proving to be a significant advancement in educational resource management. He also noted the system's simplicity and effectiveness:

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Conclusion

KDI Office Technology has successfully transformed document management at West Deptford Middle School, setting a benchmark for cost efficiency and environmental sustainability. This innovative approach has sparked interest among other school districts in the state, underscoring the growing significance of software-driven hardware sales in the education sector.