

## Executive Summary

Technology is transforming the way we learn and work in the Saint Paul Public Schools. The past three years have resulted in development of a robust and stable data infrastructure largely due to the funding provided by the federal e-rate program. A web-based student information system, data warehouse and library system have been implemented district-wide. The Technology Integration Initiative that began by empowering fourth grade teachers has now expanded through middle school. At the high school level, an information literacy project is pairing school media specialists and teachers. Teachers and administrators use new tools to analyze data to target instruction. Students and teachers access district provided electronic reference materials from school and home, and parents use the Parent Portal to stay informed about their children's attendance, grades and homework assignments.

Technology is not an end in itself, but it is a means of supporting the needs, goals and objectives of the district. The next three years will bring continued emphasis on data-driven decision-making, parental communications, and staff development. A major hardware upgrade for existing business systems is underway. The focus on using technology to improve student achievement will continue during the next three years. The vision for the application of technology in the Saint Paul Public Schools is to further the transformation of the district by assuring that technology becomes an integrated part of all instructional and operational practices. Among the issues to be addressed are:

- Increased student achievement through technology enhanced instruction
- Equitable access to technology for students and teachers
- Preparation of Saint Paul Public School students for the 21<sup>st</sup> Century
- Professional development
- Funding

Strategies to address these issues:

- Continued emphasis on integration of technology at the classroom level.
- Web Based Applications that lessen total cost of ownership
- 21st Century Tools and Resources for teachers and students
- Focus on Information and Technology Literacy
- Enhanced parent communications through technology
- Data-driven decision-making
- Standard Operating Procedures clearly defined
- Ongoing professional development for teachers and administrators

Goals

- Student Achievement: We will provide access to adequate infrastructure, technologies, digital resources and technical support to facilitate 21<sup>st</sup> century teaching and learning.
- Customer Services: We will earn the trust and confidence of our customers.
- Information Management: Data will be readily available to inform learning, assess student outcomes, communicate with parents, and provide for institutional accountability.
- Technology Infrastructure: We will have a robust, integrated, and sustainable infrastructure that is secure and appropriately manages access.
- System Interoperability: We will strive to ensure our systems and applications meet multiple needs and serve multiple customers.
- Business Applications: The district will use technology to improve operations through effective business practices and efficient operations.
- Security and Privacy: We will ensure the security and privacy of our information resources.
- Training and Support Services: All SPPS students and teachers will acquire the necessary skills for learning, living, and working in the 21st Century.