

## IT Infrastructure Audit for Schools & IT Outsourcing Services



### Client

A New Jersey Township which has 9 (seven grade K-6 schools (~2,200 students & teachers), one grades 7-8 School (~ 700 students & teachers) and one grades 9-12 School (~ 4,400 students & teachers) Schools under its Jurisdiction

### Background

The overall state of the IT organization in the School District is in critical condition. Industry best practices are not followed; teachers and student's needs are being overlooked; many State and Federal mandates for technology, information security, and privacy are ignored. As a result of this the students and the faculty are not able to upgrade their computer literacy skills. The School Administration is aware of the state of affairs and also aware of the fact that how technology up gradation is paramount today to improve the computer literacy skills of their students. But is helpless due to the shortage of funds, as the State is tight on a budget due to current economic conditions.



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To overcome this the School District Administration chalked out a phase wise program:

### Phase - I

- To conduct a thorough audit of their current IT infrastructure across the school district and get recommendations by an experienced agency .
- To present the same audit report and the recommendations to the State to secure funds under Teaching and Learning with Essential New Technologies in the 21st century or TALENT 21 grant.

### Phase - II

- Implement all the IT audit recommendations.

### Phase - III

- Outsource all its IT departments needs to save costs.

The School District has released three open RFPs for all the three phases and Microexcel has won the award to implement all the three phases.

### Solution to Phase I & II

Microexcel has deployed a team of four senior IT engineers and one Project Manger to perform the audit. The team first step was to analyze the sphere of the entire infrastructure, capture data, interview users (faculty, students and staff), and gather all the information to possible to start the second step, which is a deep analysis of the entire system. The team added value by going a step further by writing detailed document on how to solve all the existing problems in an inexpensive and efficient manner so that the School District could be transformed into one of the best runs schools in the State offering best IT education and training facilities. Microexcel's team took three weeks to perform the audit and submit its report and recommendations.

The School Administration presented Microexcel's audit report and recommendations to grant writers Bruno Associates who in turn strongly recommended to the State to grant the School District the necessary funds. The State granted \$ 1.3 million under the Teaching and Learning with Essential New Technologies in the 21st century or TALENT 21 grant. According to Mr. John Bruno of Bruno Associates, " this grant is the highest federal grant awarded to this district".

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### Solution Benefits

The grant enabled the School District Authorities to provide to its students, faculty and staff funds for the following

- Wireless internet network for 4 schools
- Laptops for sixth grade students and fifth and sixth grade teachers in four schools
- Interactive projectors and whiteboards for classrooms
- Improving computer literacy skills
- Training and support to Instructors in and outside the classroom by specialists and TALENT 21 technicians to maximize the educational value of this technology
- Teachers to undergo professional development seminars

The School District released second RFP requesting a quotation to implement the recommended changes uncovered by the IT audit. Microexcel also won this open RFP and submitted its estimation to implement the recommended changes.

### Phase III

The School District after due diligence thought it would be wise to outsource all its IT department needs to an experienced and capable IT outsourcing service provider and released another RFP under its third phase of plan. Microexcel has won this open RFP too and the scope of work includes:

- Hardware Repair and Installation
- Software Related Activities
- System Administration Activities
- Backup Related Activities
- On-site Technical Support
- Training
- Advice and Strategy

### Benefits to the School

- Is saving substantial amount of money without compromising on the quality
- Concentrating on its core activities - teaching and administration
- Benefitting from Microexcel' s processes and highly-skilled employees
- Availing best offers from TOP brands through Microexcel' s authorized reseller status
- Benefitting through Microexcel' s Top- Class Technical partnerships
- Is able to implement opensource technologies like EYEos, Openoffice etc

## IT Infrastructure Audit for Schools & IT Outsourcing Services

The School District felicitated Microexcel's team and said that, Microexcel exceeded their expectations and was extremely appreciative of its efforts.

Microexcel is also mighty pleased that it was chiefly instrumental in helping a School District in securing much needed funds to enhance the computer literacy skills of its students and staff.

### Testimonial

"Microexcel's team has the ability to quickly understand our different business areas and their needs for reporting information. The demonstration they have given to create simple reports was really helpful. Overall, we are very happy of the outcome of Microexcel's services"

### About Microexcel Inc

Established in the year 2001, Microexcel, Inc. is a global management consulting, technology services and outsourcing company. With a proven track record in providing quality, cost effective and timely Information Technology professional services and solutions, Microexcel merges people and technology to deliver value.

Headquartered in Secaucus, NJ, Microexcel has branch offices near Chicago, IL, London, UK and two offshore locations at Hyderabad and Bangalore in India. With over 450+ employees based in USA and India, Microexcel provides 24\*7 support to Clients in the areas of IT Staff Augmentation, IT Audits, Systems Analysis, Maintenance & Support, Microsoft Technologies (gold certified partner), including .Net and SharePoint, SAP, Oracle Applications (11i certified partner), Quality Assurance Testing (certified partner of HP and Borland), J2EE, Linux technologies. Microexcel is also a New Jersey Certified Minority Owned Business Enterprise. For more information please visit us at [www.microexcel.com](http://www.microexcel.com) or e-mail us to [sales@microexcel.com](mailto:sales@microexcel.com)