



MICROWARE'S CASE STUDY

CUSTOMER NAME:

Fundação Educacional Serra dos Órgãos - UNIFESO

INDUSTRY:

Education

BUSINESS UNITY:

HP Education - Workplace

CHALLENGES:

Improve the education methodology with new technology resources to optimize the education process.

SOLUTIONS:

Microware provided a project for the improvement of the UNIFESO's I.C.T. Infrastructure.

RESULTS:

- Modernization of UNIFESO's I.C.T. infrastructure obtained with a complete solution developed by Microware.

- A mobile project was developed to provide wireless access in different places at the campus.

- With Microware's project, UNIFESO acquired the standardization with the old and the new equipment into a complete restructuring of its I.C.T. resources.

POTENTIALIZING THE LEARNING PROCESS WITH DIGITAL EDUCATION

UNIFESO in partnership with Microware implemented a project focused on digital education, making their teaching more dynamic and interesting to students.



“The implementation of this project was very well received by students who already feel a difference in teaching methodology in the classroom”



Cynthia Santos - I.C.T. Manager



SEARCHING FOR EXCELLENCE

In 1970 a dream was started. The Fundação Educacional Serra dos Órgãos (FESO) began its activities with the Faculty of Medicine in Teresopolis city. It was the embodiment of an ideal of higher education quality, differentiated and reference for residents of the mountainous region of Rio de Janeiro.

In 2006, after almost forty years of successful activities, the Foundation had consolidated its position as an institution of higher education committed to excellence. To company the new educational trends, the colleges, maintained by FESO, until then named as Faculdades Unificadas, became Centro Universitário Serra dos Órgãos (UNIFESO). This was the starting point for a new time, a new vision and new achievement.

When a company invests in new resources, it goes through periods of growth and expansion. But these periods are not the same every time. Sometimes it's not possible for the company experiment these changes in all its structure with a padron. In UNIFESO, for this reason, there were some different between equipment that was acquired in different periods of growth. With the new perspective of the University, this situation needed to change.

UNIFESO searched for a partner that could guarantee the standardization and upgrade, of its I.C.T. infrastructure. It was also required top notch equipment which would stay available for the students at the campuses, contributing to the improvement of teaching methods and academic research.

Microware came into the classroom and designed, together with the UNIFESO's I.C.T. team and Cynthia de Oliveira Santos, I.C.T. manager, a special projec specific for UNIFESO.

EVALUATION

The questions proposed for Microware by UNIFESO were the following:

- 1 - How to increase and enhance the company's infrastructure without changing and compromise the physical space?
- 2 - How to make teaching more dynamic and interesting to the students of UNIFESO?
- 3 - How to upgrade the equipment used in all UNIFESO's buildings and standardize with the new ones acquired with the solution?

Microware, knowing how to work and develop projects to address such issues, guided the client in seeking and obtaining those answers.



ASSERTIVE ANSWERS

Just as in a double evaluation, Microware's teams worked closely with UNIFESO's I.C.T. team for the answers to the demands presented and to make these answers satisfactory. It took months of negotiation, research, consulting, meetings and planning. All this process was to make the students the biggest beneficiaries with the solution.

The results of this daily work were:

1 - Mobile Solutions. Part of the project included the implementation of features from HP Education as the use of netbooks in classrooms and carts for mobile recharge. With that the relationship has changed, the students no longer went to a place where the computers were, but the computers came to where the students are.

2 - Still using elements of the HP Education solution, Microware provided projectors, notebooks, workstations, netbooks and multimedia resources for the dynamism of the classes. "The concept of this solution is that the students use and return the equipment as if they were books. When they arrive, the students are directed to one of the points at the campus, pick up a computer, and use it in class ", explained Cynthia Santos.

3 - The main focus was the standardization. Microware's project involved the use of new equipment, upgrading and restructuring of the old labs on campuses. Altogether the UNIFESO has nearly seven hundred computers, all in their units.

GRADE A+

"The work done by Microware was very good. It was nice working with Microware's team", said the I.C.T. manger of UNIFESO. As a partnership between teacher and student, or between students who are always looking for improvement, Microware's work is characterized by a partnership with its clients, dialogue and a care to elaborate a complete and personal project applied specially for the client's demand.

The project between UNIFESO and Microware assured that UNIFESO's education courses became a reference of quality, research and development. "The adoption of this system and its resources was very well received by the students, who already feel a difference in methodology in the classroom", said Cynthia Santos to us.





SOLUTION'S DATASHEET

HP ProBook 6450b Notebook PC

With a stylish design, the HP ProBook 6450b Notebook PC provides reliability, security and business performance with an Intel processor and a 14.0-inch diagonal 16:9 HD 7, LEDbacklit display. Flexible configuration options, connectivity including optional HP Mobile Broadband, 9,18 and the new Central Management for HP ProtectTools keep you equipped for business.

Advantages

- Power, performance, and graphics choice;
- HP Professional Innovations help you focus on your business;
- Business traveler

Netbook HP Mini 2102

The HP Mini 2102 Netbook has the Intel Atom processor with a speed of 1.66GHz and 160GB HDD. It has 1GB of DDR2 RAM. With 10 "screen, the Acer HP Mini 2102 has all the advantages of a laptop.

Advantages:

- Ultra-portable. Designer differentiated with only 0.90 cm thickness and weight of 1.13 kg.
- Stylish polished finish new black.
- Qwerty Keypad with 93% of full size equipment.
- Flexible Solutions Battery: 3-cell or 6-cell lower weight of longer battery life.
- Integrated VGA Webcam.

Notebook HP 430

The Notebook 14 "on the diagonal, affordable price, that keeps you connected and productive one in transit.

advantages:

- Durable, sophisticated and affordable. The HP 430 notebook is a tool for success. This notebook has a sophisticated design with a smooth matte surface and a pewter color to give a discrete and professional look "clean".
- Start working right away. Microsoft® Office 2010 5 comes preloaded, so that you can begin using your notebook for word processing, spreadsheets, or presentation projects with software similar to Office suites you've used before.
- Multimedia features included. For your personal enjoyment, the professional stereo speaker Altec Lansing brings you an extraordinary experience. Experience life in high-definition with the HDMI port 6, which allows direct connection to high-definition displays.
- Stay connected. With WLAN Wi-Fi CERTIFIED™, you can send and receive emails or access the internet at work, at home and in hotspots preferred. You can use the integrated webcam and microphone along with your wireless connection.
- Protection and convenience. Your data is important. With HP Recovery Manager, you can quickly recover the operating system and drivers and go back to work if the OS is corrupted.

ProBook 4320s Notebook PC

Take care of business with the stylish, affordable HP ProBook 4320s Notebook PC. This highly mobile, lightweight laptop has a 13.3-inch diagonal HD display, a spill-resistant keyboard, and wireless connectivity options for all your business trips.

Advantages:

- Blend business with style and comfort. New brushed-aluminum design, sophisticated caviar or champagne color—for good looks and durability.
- Affordable productivity. Choice of powerful, energy-efficient 2010 Intel® Core™ i3, i5 and i7 processors for extra performance when you need it most.
- HP innovations provide security and protection. Enhanced security with HP ProtectTools software, optional HP Fingerprint Sensor, and Face Recognition for logging into Windows® and websites.
- Built to conserve. HP Power Assistant lets you conserve power, stretch battery run-time, accurately monitor your reported power needs and report workforce power consumption.



SOLUTION'S DATASHEET

Hp PC ALL-IN-ONE 6000/Desktop Hp 6000 MT

Starting at easy setup and elegant design, the HP, with its line of desktops, fits anywhere and does everything you expect of a PC with all the features and great looks, the same that keeps your world organized and uncomplicated.

Advantages:

- Attractive designer.
- Resources for entertainment as HP MediaSmart.
- HP Total Care.
- Excellent Technical Support.
- Settings to view the optimization of resources.

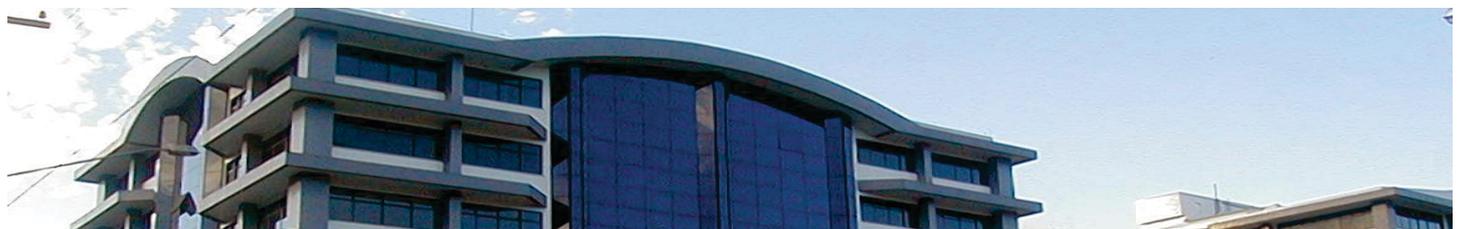
Benq MS 513 Projector

Featuring a brightness of 2700 ANSI lumens, a high contrast ratio of 10000:1 and a SVGA resolution, the cost-effective and eco-friendly MS513 offers a stunning full-screen presentation with the finest details regardless of the ambient light level.

As the first DLP brand to incorporate Philips' ImageCare technology into its projector lamp system, BenQ has taken a further leap, developing its own SmartEco Technology to perfect what DLP can do for energy saving in the 21st century classroom. Built with this brand new invention, the MS513 brings together uncompromised brightness, exquisite picture quality and optimized lamp life through innovative features.

Check some of its functions:

- Eco Blank Mode
- SmartEco Mode
- No Source Mode
- Thoughtful Features
- Instant restart
- Teaching Template
- ecoFACTS Label





ABOUT MICROWARE

Our mission is to excel in providing I.T. solutions for business and organizations objectively, securely, and in a creative way. We are specialists in supporting companies to develop and implement effective I.T. project.

We strive to be the best technology architect, applying it intelligently to your business needs. This way we help you focus on your priorities and contribute to the expansion, to the productivity improvement, to the reduction of total costs and to the mitigation of risks of your business.

We specialize in the areas of Datacenter, Networking, Workplace, Imaging and Printing and Professional Services. We have one of the best trained team of professionals in Brazil, able to identify needs and align investments with business goals. Our work also counts with and is supported by the main global I.T. developers, manufacturers and providers.

Established in 1984, we are located in São Paulo and Rio de Janeiro, with sales forces, service centers and distribution centers covering the entire Brazilian territory. We are also a member of global networks of I.T. solution providers, and through them we help our clients with their international expansion.

We operate under a total quality system certified by the ISO:9001 standard, having our processes and procedures regularly audited, and therefore enhancing the consistency and reliability of projects developed and services rendered.

What about you?

Does your institution already use the Digital Education Technologies in a way that enhances the learning process?

The Microware is available to support you on your demand of Information Technology and Communication solutions

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