Is present or future you control any device easily ?

Imagine you simulating, before pouring money into a project, an experience early-on to see how your project decision will really impact your finished product easily.

Where ??

      -At the office :Visualizing your airplane

      -At home: Playing games

      - At the lab:Visualizing molecules

**It is the MobileControl**. It is a project that is been developed at University of São Paulo. We wanted to **control any devices** that are connected to the network, such a CAVE, using a PDA. The picture shows a user navegating in a virtual reality application using our solution. It is a cathedral simulation.

How to do it? Well, use the distributed library Glass. Glass' portability and performance makes it possible to run it **anywhere**: PDAs, embedded devices, desktops, workstations.

For example, you can use your PDA, that is a nice interface to control such applications, to visualize your products and processes in ways that provide the necessary foresight to make the right decision at the right time.

The picture shows an architectural visualization system running at our lab's CAVE. Each wall is being rendered by a different node of a PC cluster. A application Java runs on the PDA with the following features: **mobility**, **high interaction**, **visualization** and **easy**. The users input are send for the cluster, which renders the images.

The GUI is in **Java**: it's easy to run it anywhere. To the application, the PDA is just another node.

We developed a graphical editor, which lets the user generate a GUI to run in the PDA is a straightforward way. **No programming knowledge** is required to create the GUI! The final code is **generated automatically**: a skeleton code is generated, which is used on the Glass aplication itself to process the events. It's pretty much like processing keystrokes from a keyboard.

We can enumerate many MobileControl features. We point out three:

- **Complete mobility**: the user can control his system anywhere in the world.

- **Easy to use**: the reconfigurable interface provides an effective, simple way to interface with the system. No complex GUIs that confuse the user or are difficult to learn and remember.

- **Flexibility and universality**: you can switch instantly the remote control from one system to another.

The **MobileControl** opens up many opportunities for the products competitiveness. It allows you use a PDA to  control **any devices** that is **connect** on the **network**. Ready for our users !!