A New Device Enabling a Computer to Identify Whether the User Is a Man or a Woman

The April 6, 2011 edition of ACM TechNews:

Universidad Politecnica de Madrid (Spain) (04/04/11) Eduardo Martinez

Universidad Politecnica de Madrid researchers Juan Bekios-Calfa, Jose M. Buenaposada, and Luis Baumela have developed a system that analyzes a video signal to determine the gender of faces pictured in the images in real time, enabling computers to monitor whether users' faces belong to men or women. The new technology can be used to gather demographic information for TV and advertising purposes. Another application is interactive kiosks with a virtual vendor, as the algorithm automatically extracts information about the user, which can improve interaction. The researchers also say the technology demonstrates that linear techniques can be just as effective as support vector machines in identifying gender.

Full article: 
http://www.fi.upm.es/?id=tablon&acciont=consulta1&ident=800

For those who are interested to read the related paper published by IEEE, kindly email me to imas.sitanggang@gmail.com