

ISO login

From MTU LUG wiki

The ISO Login System, formerly Campus Password, (see <http://www.login.mtu.edu/>) gives you a cookie that allows websites all over MTU to authenticate you. This system generates an x509 certificate signed by MTU's CA certificate (<http://www.login.mtu.edu/downloads/public/mtuca.crt>). The certificate expires 8 hours after you login and contains only your username, not your password.

Around the beginning of the Spring 2005 semester Jon DeVree and Brian McPherson found a flaw in the system that allowed any self-signed certificate to be authenticate by the system. This allowed them to generate cookies that expired in years instead of hours and even cookies that were for other users. They utilized this to create phony users like EERC_Tree, and vanity userids for Dark-Fx and xobes on the Barkboards. DCS fixed the flaw shortly after Jon and Brian reported it.

As of the end of August 2005 the old login system has been completely replaced by a newer and more secure version that resembles an attempt to implement kerberos with cookies.

ISO Documentation (<http://www.login.mtu.edu/docs/public/mtuiso/>)

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