

1.1 Martin Maguire

Loughborough University

Higher Education Institute :		Loughborough University					
Faculty/School/Group :		HUSAT Research Institute					
Address: The Elms, Elms Grove, Loughborough, Leics, LE11 1RG							
Contact: Martin Maguire				Tel: 01509 611088 x5519			
Email: m.c.maguire@lboro.ac.uk							
Keywords <i>select as appropriate</i>	Security	x	Fraud Control	x	Privacy	x	
<i>(Add keywords from list)</i>	Biometrics			Behavioural Studies			
Research Overview:							
<p>One of HUSAT's main activities is to elicit the views and requirements of end users in relation to new technology developments. Two past studies relating to system security and privacy are described below:</p> <p>Firstly, HUSAT conducted a study into the human factors of biometric verification methods. The aim of the study was to examine user perceptions of, interest in, and barriers to, different biometric solutions for personnel identification when using bank machines or accessing financial services at home via a PC or TV. The study was based on a series of discussion groups where members of the public considered and discussed different biometric techniques from the point of view of perceived effectiveness, security and privacy.</p> <p>Secondly, HUSAT conducted an expert study of the usability of s security key management system. With this tool, a system network manager can create and manage encryption keys to control access to applications on a computer network server.</p> <p>In the future, HUSAT plans to conduct a survey of user aspects of workstation and PC security systems. The aim is to identify different user stakeholder groups and the relative importance of different security system features for each group. It will also highlight the main human factors issues relevant to security systems in general such as, flexibility, convenience, ease of use and trust, as well as criteria for system selection and procurement. This will provide the basis for future research into the design of user-centres security systems.</p>							
Contact: See main contact details above				Tel:			
Source HEI							