

IS/ICT Security and Privacy

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Abstract:

Security and privacy are important aspects for the trust people place in computer systems. But while lacking security is felt rather fast and directly, as are attacks when countermeasures are in place, this is not true for privacy. Only when the information is finally used, e.g. to transfer money after phishing attacks or when a job is refused after an internet search, its "loss" becomes obvious. And contrary to security, remedies are typically more difficult: Cleaning a system is perhaps not easy and some work, but removing information from the Internet can be nigh impossible. It is therefore argued that the control must be put back directly into the hand of the users, although these are often non-specialists. There comparatively simple measures can prevent problems, while otherwise only very intrusive and general approaches like mandatory data retention can ameliorate the effects. These issues are discussed in some exemplary areas.