



Trustworthy Software Initiative (TSI)

PRODUCT DESCRIPTION

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TYPE	Works in Progress (WiP)
TITLE	Behavioural Barriers to Trustworthiness
EVENT	2013 Annual Computer Security Applications Conference (ACSAC 29) December 9–13, 2013 New Orleans, Louisiana, USA
ABSTRACT	<p>The task of securing any system is intrinsically a blend of Proactive and Reactive measures, with the necessity for and scale of the latter largely determined by the success or failure of the former.</p> <p>Although there are – and always will be – a plethora of technically interesting and/or hard problems associated with provision of Proactive measures, experience of Reaction (Incident Management) suggests that the majority of issues encountered arise for more prosaic reasons, namely the failure to apply well understood techniques of Governance, Risk Management and System / Software Engineering.</p> <p>This talk discuss some work currently being undertaken on the reasons for such failures, and in particular on the behavioural economic and psychological factors.</p> <p>On the psychological front, interest is currently focused on understanding relative occurrences of personality types within both the supply and demand sides of the Information and Communications Technology (ICT) domain, and whether divergences lead to tensions and failures.</p> <p>On the behavioural economic front, interest is currently focused on understanding the differential views of moral hazard, and the role of any perverse incentives.</p>
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BIOGRAPHY(S)	<p>Ian Bryant is the Technical Director of the United Kingdom’s Trustworthy Software Initiative (TSI), a cross sector, public-private partnership remitted to “Make Software Better”.</p> <p>This role is based at the Cyber Security Centre (CSC) at De Montfort University (DMU), where he is on academic attachment from the Ministry of Defence (MOD).</p> <p>He is also involved in a number of national and international Information Security committees, including chairing the UK National IA Forum (NIAF), being Deputy Chair of BSI Panel IST/033/-/4 (Information Security Controls) with lead responsibility for ISO/IEC activity in Architecture, Cybersecurity, Incident Management and Software matters, and contributing to ETSI’s MTS Security SIG.</p> <p>He has been a long time contributor to the ACSAC series of events.</p>
ATTACHMENTS	None