

# Trustworthy Computing

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## Abstract

*Issues of privacy and security in the computing environment are presenting widespread challenges for the IT industry, financial services and e-commerce generally. Society's expectations around privacy and security are changing as they experience increased convenience and other social benefits via the Internet. As consumer behaviour in the computing environment changes, new social issues of concern are also emerging.*

*Trust is the key attribute underpinning society's perceptions of security and privacy on the PC and online. To truly succeed, the partnership between business and IT needs to reach a new level of availability, dependability, and confidentiality.*

*To bring this about, a multi-dimensional set of issues must be solved. All of them demand attention. While important short-term work needs to be done, hard problems that require fundamental research and advances in engineering will remain for many years to come. These problems will only be solved by improvements in systems, software, services, people and processes. Hardware and software companies, as well as academic and government research institutions, need to step up to the challenge of tackling these problems.*

*This paper looks at some of the issues confronting us, and some of the steps being taken to resolve those problems.*