ICTICT522

Evaluate vendor products and equipment

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**Professional Ethics, Conduct and Complaints**

<https://www.acs.org.au/memberships/professional-ethics-conduct-and-complaints.html>

I think that, although ethics is an inherent quality of every person, there is a "manual" of standards of conduct that should be followed. The ACS (Australian Computer Society) compiles ethical standards for professional conduct, primarily related to honesty, trustworthiness, and respect.

For example, in the process of evaluating and selecting products, objectivity and independence are extremely important. By acting within ethical and professional standards, the employee will objectively choose the product that best suits the client. This way, the client will be confident that the employee's actions are not biased due to conflicts of interest or other reasons.

I believe that compliance with international standards in the process of evaluating and selecting ICT products is a critical task in a project. Since it guarantees interoperability and compatibility with existing infrastructure and future hardware/software updates, it can even guarantee interoperability with another company. By following the same standards, integration between systems is faster to implement. For example, the TPM (Trusted Platform Module) chip, developed by TCG (Trusted Computing Group, TCG), is a hardware feature that greatly increases the level of security of computer equipment, both at the hardware and software levels, as it implements password protection levels and encryption systems that are more robust than traditional ones. TPM complies with international ISP and IEC standards, so it is likely to be well-compatible with hardware that meets these regulations.

In this example, TPM is a technology that has been around since the 2000s and is rapidly being adopted. Initially, it was an additional security option; in 2016, it became a mandatory feature in government companies. Therefore, if we have the hardware that meets these international standards, TPM implementation will likely be rapid.

In addition, by complying with international standards, we can avoid fines, problems with the law and boycotts.

In the product evaluation and selection process, it is extremely important to review a wide range of suppliers, primarily to compare prices. However, in the product research process, we can discover things like:

- market trends

- new technologies

- new suppliers

- quality vs. performance

Therefore, during the selection process, we have more information to choose the most suitable hardware components for the client, in addition to negotiating with all suppliers and reaching the best terms for the client.