

## **Software Evaluation Methodology: Two Case Studies form Egyptian Universities**

The methodology of software development evaluation and assessment, from customer side, are the major criteria for the success of software product management processes. The results of the evaluation usually indicate the ratio of the product lifecycle success or failure. In this paper, the software product management methodology of the Information and Communication Technology Project (ICTP) and the Center of Knowledge and Electronic Service (CKES), the two main governing bodies of ICT strategy in Egyptian governmental higher education institutions, is presented. Two case studies are discussed to investigate and inspect software products evaluation methodology. The first case discusses the evaluation phase of the Egyptian Universities integrated library management system -ILMS including both, the requirements definition and the level of standardization of the final deliverable compared to international specifications and standards. The second case study discusses another methodology for evaluating the final deliverable by assessing the impact of implementing electronic portals technology in the development of the Egyptian Universities web sites on their rank in international web sites ranking system. The results of the two case studies shows real success, in terms of the ILMS standardization and real impact on the universities web sites rank according to business requirements from the user side, with full considerations to local and international key performance indicators.