ABSTRACT

With this study we intend to theorize on the organization of information systems at Public High Schools and to find out a new Systems Architecture in order to improve the level of efficiency and efficacy of the School activities.

We adopt the method of interview to support our question: What impact will the school administration for modern architecture Information Systems? These interviews allowed us to conclude that the current architecture of information systems in Portuguese Public Schools do not satisfy who has the power of decision. Allowed us to further validate our proposed architecture with the interlocutors, who found that the design of an architecture that favors the integration and centralization of data, allows them to access information quickly and reliably ie more efficacy and, even better FTE (Full Time Equivalent) or greater efficiency. In chapter five of the paper, we present our design for a new architecture of information systems that is based on assumptions of integration and centralization. Briefly, all data on the educational system, are installed on servers in a centralized data center, and both schools as Ministry of Education and even citizens (students and parents) can, through mechanisms for data security, have access using a simple browser.

Key Words:
Management of Information, Information Systems, Information Technology, Information System Architecture, Public School, Browser