

# **From Brick to Click and Click to Mobile: Transforming Libraries with mobile technologies**

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Libraries are undergoing through tremendous transition as they move to mlibraries in response to changes in technology and the expectations of their patrons, and as they facilitate not only the use of existing information, but also production of new information through mobile, online communities and virtual spaces. With the emergence of distributed forms of information in a double click environment, the role of physical libraries have changed considerably over the last ten years, to reflect changes in the nature of education. The importance of collaboration, group work and communication in teaching and learning are widely recognized and the central role of the library as a repository of facts and information is changing with mlibraries.

The notion of transforming libraries into mlibraries is an expansive role for the future library not only serving as an information resource, but much more, with the exact mission and goals evolving and changing over time. Libraries are in a unique position to experiment with mlibraries so the future role of the library can define itself. Since the role of the library 10 years from now is still a mystery, libraries need to put their heads together to scratch the surface of many more changes to come and determine what ideas are drawing attention and getting traction.

Libraries have frequently been early adopters of new technology, and librarians continue to be at the forefront in learning and teaching new technologies and mobile technologies. Today on the same lines numerous librarians are thinking beyond for the foreseeable future. Virtual collections are impacting future services and are going through a significant change by the increasing convergence among traditionally different types of libraries in the services they offer. The emerging technologies in libraries are moving towards to mobile computing, cloud computing, discovery solutions, open content, simple augmented reality, gesture-based computing, visual data analysis and not the least electronic content. The emerging technologies have brought enormous challenges to libraries during the last ten years. Social networks with their unstructured data have made library work more challenging and innovative. But after the inclusion of semantic web in the libraries, they are now getting structured data and making sense of the chaotic digital world. Open source solutions have matured bringing new possibilities of data in mlibraries around the world.