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Solving the problem of dearth of CAD software for consulting engineers in Nigeria and other developing countries: A case for software renting/subscription

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Finance is a major obstacle to software ownership in Nigeria and indeed most developing countries. This paper advocates the adoption of software rental/subscription as a way of ameliorating the problem of Computer Aided Design (CAD) software ownership among engineers in Nigeria and other developing countries. A survey of 50 engineers in Nigeria found that 100% agreed that software improves their designs, while 96% of them do not have access to all their software needs. 100% of those who do not have access to all their software needs, identified finance as responsible for their inability to access all their software needs, while 95.74% advocated software subscription/rental as a solution to financial obstacles to software ownership. This study therefore recommends the adoption of software rental/subscription to all CAD software vendors to improve software ownership among engineers in Nigeria and other developing countries. This will be a boost to the design and development of critical infrastructures needed for industrialization, growth and economic development.

Biography

Chidozie C Nwobi-Okoye obtained his PhD in Industrial and Systems Engineering from University of Benin, Nigeria. He is currently the Director of Post-graduate programs in the Faculty of Engineering of Anambra State University (Chukwuemeka Odumegwu Ojukwu University), Uli, Nigeria. He has published more than 32 papers in reputed journals and over 7 papers in local and international conference proceedings, and currently serving as a reviewer as well as in the Editorial Board of some reputable journals.

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