GREEN TECHNOLOGY SUSTAINABILITY AND CLOUD COMPUTING FOR CORPORATE SOCIAL RESPONSIBILITY IN WIRELESS COMMUNICATION TECHNOLOG

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Cloud computing and engineering sustainability remains as an essential aspect of providing effective industrial portfolio for delivering cost savings systems that will enable the achievement of energy saving and environmental sustainable applications in both the business and industrial sectors. The issue of virtual usability and awareness management strategy may result in achieving excellence in energy efficiency and usage, environmental considerations and energy reuse strategic models. The return on investment (ROI) as strategic outcome of cloud computing model may restore and create value analysis for organisations with huge energy wastage without thinking of cost, environmental impact and carbon emissions. Cloud computing is a recent development of the future generation communication technology which contributes towards industrialization and commercialisation of product development in terms of virtual applications and service delivery through the internet for the purpose of cost benefit and usability of business and enterprise services. Cloud computing can be defined as the concept of delivering virtual services through the internet medium using electronic devices to achieve competitive edge with respect to cost savings, improvement of performance, efficiency and effectiveness. The services may focus within five of the different service domains such as public cloud, private cloud, hybrid cloud, community cloud and education cloud. The choice of each or combination of the cloud services will depend on value analysis, cost savings, improve performance, competitive edge and marketization of the deliverables and monetization in terms of financial benefits for the industries.

Biography

Professor Ezendu Ariwa is a Chartered Fellow of British Computer Society (BCS) and Chair of IEEE Consumer Electronics & Broadcast Technology Chapter, UK and Ireland. He is an Academic Supervisor at the University of Warwick, UK and held various academic and professional positions with many years of experience in the United Kingdom and Internationally. He has achieved good collaboration with multicultural SMEs in the United Kingdom, with respect to mentoring and working on joint professional development on ICT enterprise programmes. He has experience of doctoral research supervision and consultancy as well as doctoral external examiner for various Universities both in the UK and internationally on Information Risk Management, Green Communication and Wireless Technologies, and applicable computing in Smart Cities and Healthcare.

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