A 3-dimensional View Model of IoT-empowered Business Model Engineering Towards Borderless Business Reengineering

Toshihiko Yamakami

IoT Business Unit, ACCESS, Tokyo, Japan

Toshihiko.Yamakami@access-company.com

Abstract— **IoT, Internet of Things, has been a key part of ICT, Information and Communication Technologies. An increasing need of IoT-empowered business model engineering presents a challenge for a wide range of non-ICT businesses. It provides a broad challenge in business design processes, which ultimately leads to an organizational change. The author proposes a framework of IoT-empowered business model engineering using a 3-dimensional approach. This is a novel framework to construct IoT-empowered business reengineering, which is shaping emerging business landscapes.**

Keywords— IoT; business model; 3-dimensional approach; business model engineering; IT-empowered business engineering;

Toshihiko Yamakami received the B.E.I.S. and M.S.I.S. from University of Tokyo, Japan, in 1982 and 1984 respectively. He received the Ph.D. degree in reliability information system engineering from Kagawa University, Japan, in 2007. He was engaged in International standardization of systems in the application layer and mobile Webs in ISO, W3C, and WAP(OMA). His research interests include service engineering, gamification, and organizational knowledge and change management. He is a specialist at ACCESS, Japan. He has been a member of the ACM since 1982, and is its life-time member. He obtained the IPSJ Yamashita Award in 1995. He published 160 international conference papers.