Analyzing the implementation barriers of Internet of Things (IoT) in SCM and Logistics

The Internet has rejuvenated the world with its tremendous potential connecting myriads of things. Innumerable attempts are being made to make things ideal using internet technology. The present age of internet opens up a plethora of applications with an objective to make the connected devices self-commuting and exchange information to attain high efficiency and productivity. This study is focused on analyzing the barriers to successful adoption of the internet of things (IoT) in the supply chains. Eleven barriers are identified, and their relationships are analyzed using a combined interpretative structural modeling (ISM) and decision-making trial and evaluation laboratory (DEMATEL).The findings suggest lack of government regulations, lack of standardization, compatibility issues with the conventional system, and scalability issues as the key IoT adoption barriers.