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Review of the State-of-the-Art of ERP 4.0 Systems

Hasitha Rathnayake
Department of Industrial Management
University of Kelaniya, Sri Lanka
hasitharathnayake97@gmail.com

Lahiru Vimukthi
Department of Industrial Management
University of Kelaniya, Sri Lanka
lahiruadikari1997@gmail.com

Methmi Gamage
Department of Industrial Management
University of Kelaniya, Sri Lanka
methmimadhushan@gmail.com

Ruwan Wickramaarachchi*
Department of Industrial Management
University of Kelaniya, Sri Lanka
ruwan@kln.ac.lk

A. Withanaarachchi
Department of Industrial Management
University of Kelaniya, Sri Lanka
amilaw@kln.ac.lk

Abstract **- This study looks into the various ways that Industry 4.0 elevates the capabilities of ERP systems. Overrecent years, it is evident that the Industry 4.0 concept has beenthe birthplace of many innovative technologies across various industries, and the practical implementation of Industry 4.0- related technologies is also rapidly expanding across many industries. Moreover, the incorporation of Industry 4.0-relatedtechnologies has dramatically increased the performance oforganizations and hence led to sustained profits in the long term.By integrating Industry 4.0 technologies such as IoT and RFID into ERP systems, the ERP systems will be able to capture real-time data from the work floor level, enabling ERP systems to provide more accurate analytics and predictions. Therefore, upgrading the existing traditional ERP systems to support thesenovel technologies presented by Industry 4.0 will undoubtfully contribute to enhancing the capabilities of ERP systems. Amongthe limited studies investigating ERP systems from the Industry 4.0 perspective, none have focused on conducting a systematic literature review on ERP from the Industry 4.0 standpoint to investigate how Industry 4.0 enhances the capabilities of ERP systems. Therefore, this study contributes to the theory by fulfilling that knowledge gap.**

Keywords - ERP, Industry 4.0