

IMPROVING AND ASSESSING LOGISTICS PORT OPERATIONS IN SOKHNA PORT, EGYPT

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ABSTRACT

Radio Frequency Identification (RFID) enabled containerization can help comply with their operation besides enhancing security and safety in international transshipment by ensuring the integrity of containers. It has already proven capable of increasing efficiency within the terminals by speeding the gate check process and providing real-time information of tens of thousands of containers stacked in yards.

In this research, we aimed to proposing an integrated solution that can improve the work and create a new integrated business model based on the RFID technology to handle and operate the most important and uncontrollable mobile components inside the seaport (containers, cranes and trucks). This new business model has been simulated and the results were used to analyze the impact of the model on the operations.

Keywords: Logistics Port Operations, RFID technology, Integrated business model.

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