Currently, existing approaches for obtaining medication units largely entail source selection processes in which limited and/or static data is utilized to make a selection and/or in which sourcing selection options are otherwise limited.

SUMMARY OF THE INVENTION

The present disclosure generally relates to an improved system and associated method for fulfillment of a medication requisition to be dispensed by a patient care provider for administration to a patient.

In one aspect, an improved system for fulfillment of a medication requisition to obtain a contained medication unit to be dispensed by a patient care provider for administration to a patient comprises a requisition generator and a requisition fulfillment logic provided for use by a patient care provider. The requisition generator may be employed to generate a medication requisition, in an automated or partially automated manner, for at least one contained unit of a medication to be dispensed by the patient care provider and administered to a patient. The requisition generator is operable to derive data from a data stream to generate the medication requisition. The requisition fulfillment logic includes an algorithm and may be executed by a computer-based tool to process a medication requisition and provide decision data for use in selecting one of a plurality of different fulfillment sites to fulfill the medication requisition. The decision data may be based, at least in part, on one of stored medication requisition fulfillment cost data and/or stored medication requisition fulfillment timing data corresponding with and provided by each of the plurality of fulfillment sites. The system may further include a requisition database, wherein each of the plurality of fulfillment sites is operable to provide medication requisition metadata for storage in the medication requisition database regarding medication requisition fulfillment at the fulfillment site. The system may further include a requisition router to route a given medication requisition to a selected fulfillment site that is selected from the plurality of fulfillment sites for fulfillment / preparation of the medication requisition, wherein a contained medication unit corresponding with the medication requisition is obtained by the patient care provider from the selected fulfillment site for dispensing and for administration to the patient, and wherein the selected fulfillment site provides medication requisition metadata regarding the contained medication unit for storage in the medication requisition database.

Accordingly, the system relieves a user of the patient care provider from, and/or assists user of the patient care provider in, the mental task of e.g. keeping track of inventory/availability of medication units with relation to fulfillment sites. Even more, the user may obtain the medication unit that best suits the patient care provider's needs from the appropriate fulfillment site. Moreover, the system implements improved man machine interaction, since the requisition router may route the medication requisition to the selected

fulfillment site without the necessity of an interaction with the user of the patient care provider. In the context of this application, the term user of a patient care provider may relate to a human person, such as and not limited to an employee or an owner of a patient care provider.

As may be appreciated, the provision of a system having requisition fulfillment logic to provide decision data may facilitate the realization of enhanced cost efficiencies and/or timely medication requisition fulfillment by a patient care provider. For example, the decision data may be provided to assist the patient care provider in assessing trade-offs between utilizing different fulfillment sites in relation to a given medication requisition.