

ABSTRACT**METHOD AND SYSTEM FOR EXCHANGE OF PACKETS PERTAINING TO AN INSTRUMENT**

The present disclosure relates to a method and system for exchanging packets of information pertaining to an instrument. Data pertaining to the instrument is obtained from internal and external sources, which may be governmental or non-governmental. The obtained data undergoes a process of clustering and dimensional reduction to arrive at cleaned and optimised data attributes. A predictive model is built using those data attributes. A testing provision is included in the proposed method and system that allows for validation of the constructed model by using test data and comparing the predictions with actual values. Upon validation, the model predicts one or more packets of information that can have a bearing on the exchange of packets pertaining to the instrument.

[FIG. 1]