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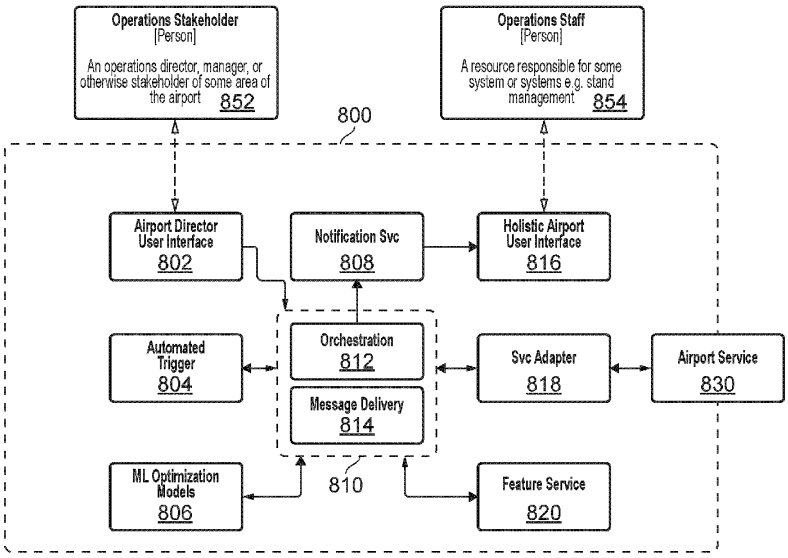

FIG. 8

(57) Abstract: According to a number of embodiments, the present disclosure relates to systems and methods for optimizing infrastructure A method is provided comprising steps of: a. receiving one or more priority parameters for consideration for optimization, wherein each of the priority parameters relates to a target aspect of the infrastructure associated with one or more functions of the infrastructure and comprises a weighting; b. receiving an existing, first optimization plan from an existing, first optimization system, wherein the first optimization comprises data relating to the target aspect(s); c. generating a recommended, second optimization plan by a second optimization system, wherein the second optimization plan is generated by modifying the first optimization plan in order to optimize the target aspect(s) according to the weighting(s), using a prediction module comprising one or more models; d. transmitting the second optimization plan from the second optimization system to the first optimization system; and e. updating the first optimization plan based

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on the second optimization plan. A method for prioritizing the one or more priority parameters, a prediction module, and a corresponding system are also provided. A corresponding method and a system for optimizing stand planning are also provided. [Figure 8]