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(54) Title: PERVASIVE DATA CENTER ARCHITECTURE SYSTEMS AND METHODS

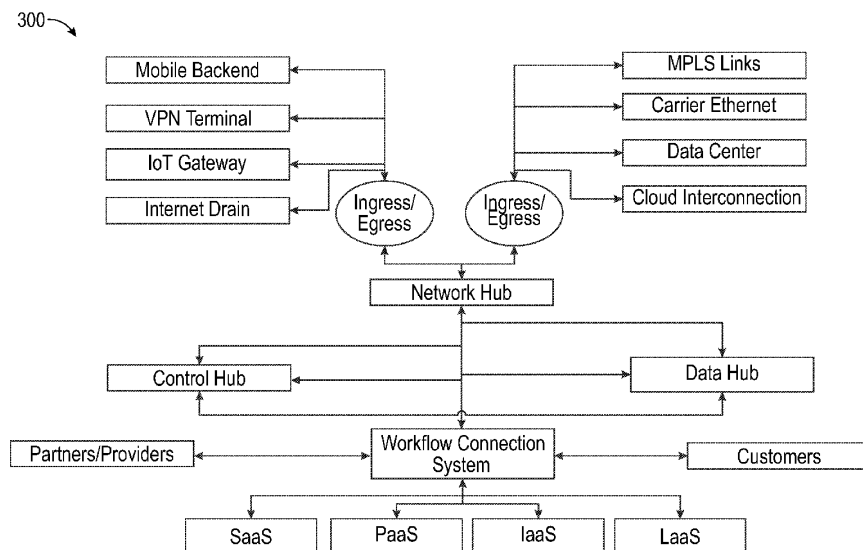


FIG. 3D

(57) Abstract: Embodiments of a system for determining a data gravity index score and implementing pervasive data center architecture is disclosed. In some embodiments, the system can calculate a data gravity index score based on the amount of data stored in a given location, an amount of data in motion in the given location, a bandwidth index associated with the given location, and a latency index associated with the given location. Based on data gravity index scores, in some embodiments, the system can localize traffic to improve network performance, improve security operations, and generate software-defined-network overlay.

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