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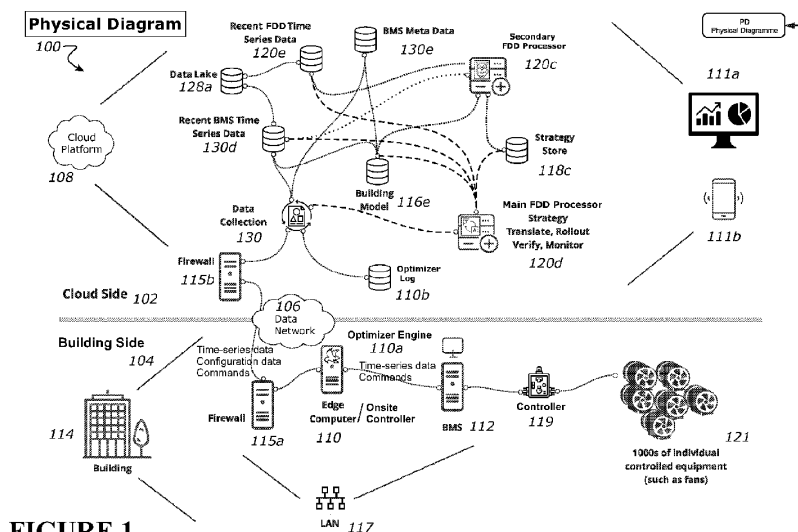


FIGURE 1

(57) Abstract: A building management system (BMS) optimization system for optimizing an existing BMS of a building. The system has a cloud platform that is configured to analyse existing building behaviour and recommend one or more optimized control strategies from a strategy library to improve the building behaviour. An onsite controller is provided that is in data communication with the pre-existing BMS of a building, and which is configured to implement the recommended optimized control strategies from the cloud platform by overriding set points in the BMS in real-time to thereby optimize the building behaviour. A data network or data communication link is provided between cloud platform and onsite controller..

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