

CLAIMS

1. A system, comprising:

a robotic process automation circuit structured to interpret information from a plurality of data sources, and to interface with a plurality of management applications;

wherein the plurality of management applications are each associated with a separate one of a plurality of financial entities;

wherein the plurality of management applications includes a real estate application which is structured to use the process automation circuit for automation of a real estate inspection process;

wherein the robotic process automation circuit further comprises an artificial intelligence circuit structured to improve the real estate inspection process of the real estate application in response to the information from the plurality of data sources; and

wherein the real estate inspection process comprises processing, using the artificial intelligence circuit, motion or still images to detect and classify one or more defects or favorable conditions of the properties, and flagging items corresponding to the one or more defects or favorable conditions.

2. The system of claim 1, wherein the artificial intelligence circuit includes at least one of:

a smart contract services circuit,

a valuation circuit, or

an automated agent circuit.

3. The system of claim 1, wherein the plurality of management applications includes at least two of:

an investment application,

an asset management application,

a lending application,

a risk management application,

a marketing application,

a trading application,

a tax application,

a fraud application,

a financial service application,
a security application,
an underwriting application,
a blockchain application,
a real estate application,
a regulatory application,
a platform marketplace application,
a warranty application,
an analytics application,
a pricing application, or
a smart contract application.

4. The system of claim 1, wherein the plurality of data sources includes at least two of:
an access data source,
an asset and facility data source,
a worker data source,
a claims data source,
an accounting data source,
an event data source, or
an underwriting data source.

5. The system of claim 1, wherein the robotic process automation circuit is further structured to automate the real estate inspection process by performing at least one of:
providing one of a video inspection command or a camera inspection command;
utilizing data from the plurality of data sources to schedule an inspection event;
determining inspection criteria in response to a plurality of inspection data and inspection outcomes, or
providing an inspection command in response to the plurality of inspection data and inspection outcomes.

6. The system of claim 5, wherein the robotic process automation circuit is further structured to automate the real estate inspection process in response to at least one of the plurality of data sources that is not accessible to the real estate application.

7. The system of claim 1, wherein at least one of the plurality of data sources is not accessible to the real estate application having an improved process by the robotic automation circuit.

8. The system of claim 7, wherein the at least one of the plurality of data sources comprises at least one of: a claims data source, a pricing data source, an asset and facility data source, a worker data source, or an event data source.

9. The system of claim 1, wherein the robotic process automation circuit is further structured to improve the process of the real estate application by providing an output to at least one of: an external marketplace, a banking facility, an insurance facility, a financial service facility, an operating facility, a collaborative robotics facility, a worker, a wearable device, an external process, or a machine.