

CLAIMS

1. In a system comprising a plurality of platforms that are communicatively coupled via a network, wherein each platform is configured to receive, process, and store respective asset-related data, a computer-implemented method comprising:

receiving, at a first platform from a second platform, criteria that governs whether the first platform is permitted to share asset-related data with one or more other platforms in the system, wherein the criteria is based on the reliability of asset-related data stored at a platform;

the first platform assessing the reliability of asset-related data stored at the first platform;

the first platform applying the received criteria to the assessed reliability of asset-related data stored at the first platform and thereby making a determination as to whether the first platform is permitted to share asset-related data with the one or more other platforms; and

the first platform operating in accordance with the determination.

2. The computer-implemented method of claim 1, wherein assessing the reliability of asset-related data stored at the first platform comprises one or both of (a) determining what proportion of the asset-related data stored at the first platform is successfully mapped to a given data model and (b) determining what proportion of the asset-related data stored at the first platform includes a set of preferred data fields after data mapping.

3. The computer-implemented method of claim 1, wherein making a determination as to whether the first platform is permitted to share asset-related data with one or more other platforms in the system comprises making a determination that the first platform is permitted to share asset-related data with the one or more other platforms, and wherein the first platform operating in accordance with the determination comprises one or both of: (a) the first platform beginning to share asset-related data with the one or more other platforms and (b) the first platform notifying the one or more other platforms that the first platform is permitted to share asset-related data.

4. The computer-implemented method of claim 1, wherein making a determination as to whether the first platform is permitted to share asset-related data with one or more other platforms in the system comprises making a determination that the first platform is not permitted to share asset-related data with the one or more other platforms, and wherein the first platform operating in accordance with the determination comprises the first platform disabling its ability to share asset-related data to the one or more platforms.

5. The computer-implemented method of claim 1, further comprising:
receiving, at the first platform from the second platform, logic that dictates the manner in which the first platform is to process asset-related data; and
the first platform operating in accordance with the received logic.

6. The computer-implemented method of claim 5, wherein the logic comprises one or both of (a) a data model to be used by the first platform to map incoming asset-related data and (b) a data analysis rule to be applied to incoming asset-related data by the first platform.

7. The computer-implemented method of claim 1, wherein the second platform comprises a master platform for the system.

8. A non-transitory computer-readable medium having instructions stored thereon that are executable to cause a first platform to:

receive, from a second platform, criteria that governs whether the first platform is permitted to share asset-related data with one or more other platforms in the system, wherein the criteria is based on the reliability of asset-related data stored at a platform;

assess the reliability of asset-related data stored at the first platform;

apply the received criteria to the assessed reliability of asset-related data stored at the first platform and thereby make a determination as to whether the first platform is permitted to share asset-related data with the one or more other platforms; and

operate in accordance with the determination.

9. The non-transitory computer-readable medium of claim 8, wherein the instructions that are executable to cause the first platform to assess the reliability of asset-

related data stored at the first platform comprise instructions that are executable to cause the first platform to assess the reliability of asset-related data stored at the first platform by one or both of (a) determining what proportion of the asset-related data stored at the first platform is successfully mapped to a given data model and (b) determining what proportion of the asset-related data stored at the first platform includes a set of preferred data fields after data mapping.

10. The non-transitory computer-readable medium of claim 8, wherein the instructions that are executable to cause the first platform to make the determination as to whether the first platform is permitted to share asset-related data with the one or more other platforms comprise instructions that are executable to cause the first platform to make a determination that the first platform is permitted to share asset-related data with the one or more other platforms, and wherein the instructions that are executable to cause the first platform to operate in accordance with the determination comprise one or both of: (a) instructions that are executable to cause the first platform to begin sharing asset-related data with the one or more other platforms and (b) instructions that are executable to cause the first platform to notify the one or more other platforms that the first platform is permitted to share asset-related data.

11. The non-transitory computer-readable medium of claim 10, wherein the instructions that are executable to cause the first platform to make the determination as to whether the first platform is permitted to share asset-related data with the one or more other platforms comprise instructions that are executable to cause the first platform to make a determination that the first platform is not permitted to share asset-related data with the one or more other platforms, and wherein the instructions that are executable to cause the first platform to operate in accordance with the determination comprise instructions that are executable to cause the first platform to disable its ability to share asset-related data to the one or more platforms.

12. The non-transitory computer-readable medium of claim 8, further comprising instructions that are executable to cause the first platform to:

receive, from the second platform, logic that dictates the manner in which the first platform is to process asset-related data; and

operate in accordance with the received logic.

13. The non-transitory computer-readable medium of claim 12, wherein the logic comprises one or both of (a) a data model to be used by the first platform to map incoming asset-related data and (b) a data analysis rule to be applied to incoming asset-related data by the first platform.

14. A first platform comprising:
a network interface configured to facilitate communication with one or more data sources and one or more other platforms via a communication network;
at least one processor;
a non-transitory computer-readable medium; and
program instructions stored on the non-transitory computer-readable medium that are executable by the at least one processor to cause the first platform to:
receive, from a second platform, criteria that governs whether the first platform is permitted to share asset-related data with one or more other platforms in the system, wherein the criteria is based on the reliability of asset-related data stored at a platform;
assess the reliability of asset-related data stored at the first platform;
apply the received criteria to the assessed reliability of asset-related data stored at the first platform and thereby make a determination as to whether the first platform is permitted to share asset-related data with the one or more other platforms;
and
operate in accordance with the determination.