THE CLAIMS DEFINING THE INVENTION ARE AS FOLLOWS:

1. A system for providing a simulation of a transportation network, the system including data processors configured for carrying out the steps comprising:

record, using a plurality of image capture devices, content from third party display devices;

transmit, to an interface module of a central processor, the content for merging by a video module of the central processor;

process, at a mining module of the central processor, merged content from the video module;

transmit, from the interface module, processed output from the mining module, the processed output being configured to be run in a secured manner with either an appropriate app or a secured web interface; and

display, at a user device, the processed output.

2. The system of claim 1, wherein the transportation network is a rail network.

3. The system of either claim 1 or 2, wherein the third party display devices are part of a proprietary system for monitoring a rail network, the proprietary system having a separate data network.

4. The system of any of claims 1 to 3, wherein the mining module is configured to carry out processing of the merged content to enable at least one feature selected from a group comprising: determining a duration that a train is stationary; predicting congestion on rail tracks; identifying trains; determining if a train is manned; and determining last known train(s) location.

5. The system of any of claims 1 to 4, wherein the processed output is a simulation of the transportation network.

6. A data processor implemented method for providing a simulation of a transportation network, the method comprising:

recording, using a plurality of image capture devices, content from third party display devices; transmitting, to an interface module of a central processor, the content for merging by a video module of the central processor; processing, at a mining module of the central processor, merged content from the video module; transmitting, from the interface module, processed output from the mining module, the processed output being configured to be run in a secured manner with either an appropriate app or a secured web interface; and displaying, at a user device, the processed output.

7. The method of claim 6, wherein the transportation network is a rail network.

8. The method of either claim 6 or 7, wherein the third party display device is part of a proprietary system for monitoring a rail network, the proprietary system having a separate data network.

9. The method of any of claims 6 to 8, wherein the mining module is configured to carry out processing of the merged content to enable at least one feature selected from a group comprising: determining a duration that a train is stationary; predicting congestion on rail tracks; identifying trains; determining if a train is manned; and determining last known train(s) location.

10. The method of any of claims 6 to 9, wherein the processed output is a simulation of the transportation network.

11. A central processor configured to be used in a system for providing a simulation of a transportation network, the central processor including at least one date processor configured to carry out the steps comprising:

receive, at an interface module of a central processor, content for merging by a video module of the central processor;

process, at a mining module of the central processor, merged content from the video module; and

transmit, from the interface module, processed output from the mining module, the processed output being configured to be run in a secured manner with either an appropriate app or a secured web interface.

12. The central processor of claim 11, wherein the mining module is configured to carry out processing of the merged content to enable at least one feature selected from a group comprising: determining a duration that a train is stationary; predicting congestion on rail tracks; identifying trains; determining if a train is manned; and determining last known train(s) location.