I/WE CLAIM:

1. A computer-implemented method for providing remote visibility into a simulation environment, the computer-implemented method being executed by a processor and comprising ~~the steps of~~:

establishing over a secure public network a connection between a first videoconferencing client running on a first computer and a second videoconferencing client running on a second computer;

receiving at the first computer a first live camera feed over a secure private network, the first live camera feed encompassing a first portion of the simulation environment and being captured by a first camera, the second computer being located outside of the secure private network;

displaying within a viewer application running on the first computer the first live camera feed and at least one of:

a simulation control interface used to set and display parameters for a simulation for the simulation environment;

a computer-generated representation of a second portion of the simulation environment; and

when the simulation environment comprises a motion-based flight simulator, a second live camera feed captured by a second camera and encompassing an external portion of the motion-based flight simulator~~a second live camera feed captured by a second camera and encompassing a third portion of the simulation environment different from the first portion~~a second live camera feed captured by a second camera and encompassing a third portion of the simulation environment different from the first portion; and

granting the second videoconferencing client visual access to the viewer application through the first videoconferencing client.

2. The computer-implemented method of claim 1, further comprising:

receiving at the first computer a first live audio feed from a microphone present in the simulation environment; ~~and~~

transmitting through the first videoconferencing client the first live audio feed to the second computer over the secure public network to allow the second computer to play back the live audio feed in substantially real-time;~~.~~

~~3. The computer-implemented method of claim 1, further comprising:~~

receiving at the first computer and through the first videoconferencing client a second live audio feed from the second computer; and

transmitting the ~~received~~ second live audio feed to a speaker mounted within the simulation environment.

43. The computer-implemented method of ~~any one of~~ claims 1 ~~to~~ or ~~3~~2, wherein when the simulation environment comprises an ~~flight~~ aircraft simulator and the first portion of the simulation environment encompasses a portion of instruments and controls of the ~~flight~~ aircraft simulator.

~~5. The computer-implemented method of claim 4, wherein the at least one video feed comprises at least two video feeds.~~

~~6~~4. The computer-implemented method of claim 43, wherein ~~a given one of the at least two video feeds~~the first live camera feed encompasses an internal portion of the ~~flight~~ aircraft simulator, the internal portion of the ~~flight~~ aircraft simulator comprising a screen of the ~~flight~~ aircraft simulator on which images of a computer-generated environment are displayed.

5~~7~~. ~~The computer-implemented method of claim 4, wherein the flight simulator comprises a motion-based flight simulator and a given one of the at least two video feeds encompasses an external portion of the motion-based flight simulator.~~

~~8. The computer-implemented method of any one of claims 1 to 7, wherein the viewer application is further configured for providing a view of a simulation control interface of the simulator.~~

~~9.~~ The computer-implemented method of any one of claims ~~8~~1 to 4, wherein the simulation control interface comprises an interface of an instructor operating station~~, the second live camera feed encompassing the instructor operating station~~.

~~10. The computer-implemented method of claim 8, further comprising receiving the view of the simulation control interface from a simulation engine.~~

~~11~~6. The computer-implemented method of any one of claims 1 to 5~~7~~, wherein the viewer application is further configured for providing a view of an interface of a data analytics platform.

7~~12~~. The computer-implemented method of claim 6~~11~~, wherein the view of the interface of the data analytics platform corresponds to an image of a display unit on which the interface of the data analytics platform is displayed, the image of the display being captured by a further camera connected to the private network.

~~13. The computer-implemented method of claim 11, further comprising receiving the view of the interface of the data analytics platform from a server hosting the data analytics platform.~~

~~14~~8. The computer-implemented method of ~~any one of~~ claim~~s 1 to 7~~ 6, further comprising granting the second videoconferencing client control over at least one of: the viewer application, an interface of an operating system and the interface of the data analytics platform.

~~15. The computer-implemented method of claim 14, further comprising granting the second videoconferencing client control over an interface of an operating system.~~

~~16. The computer-implemented method of any one of claims 11 to 14, further comprising granting the second videoconferencing client control over an interface of a data analytics platform.~~

~~17~~9. The computer-implemented method of any one of claims 1 to ~~16~~8, further comprising:

receiving instructions to project a visual indication within the simulation environment from the first videoconferencing client; and

controlling a projector installed within the ~~simulator~~ simulation environment to project the visual indication.

10. The computer-implemented method of any one claims 1 to 9, further comprising displaying within the viewer application a third live camera feed captured by a third camera and encompassing a second portion of the simulation environment different from the first portion.

11~~8~~. A system for providing remote visibility into a simulation environment, the system comprising:

a processor; and

a non-transitory storage medium operatively connected to the processor, the non-transitory storage medium comprising computer readable instructions,

the processor, upon executing the computer readable instructions, being configured for:

establishing over a secure public network a connection between a first videoconferencing client running on a first computer and a second videoconferencing client running on a second computer;

receiving at the first computer a first live camera feed over a secure private network, the first live camera feed encompassing a first portion of the simulation environment and being captured by a first camera, the second computer being located outside of the secure private network;

displaying within a viewer application running on the first computer the first live camera feed and at least one of:

a simulation control interface used to set and display parameters for a simulation for the simulation environment;

a computer-generated representation of a second portion of the simulation environment; and

and when the simulation environment comprises a motion-based flight simulator, a second live camera feed captured by a second camera and encompassing an external portion of the motion-based flight simulator~~a second live camera feed captured by a second camera and encompassing a third portion of the simulation environment different from the first portion~~; and

~~—~~granting the second videoconferencing client visual access to the viewer application through the first videoconferencing client.

1~~2~~9. The system of claim 1~~8~~1, wherein the processor is further configured for:

receiving at the first computer a first live audio feed from a microphone present in the simulation environment; ~~and~~

transmitting through the first videoconferencing client the first live audio feed to the second computer over the secure public network to allow the second computer to play back the live audio feed in substantially real-time;~~.~~

~~20. The system of claim 18, wherein the processor is further configured for:~~

receiving at the first computer and through the first videoconferencing client a second live audio feed from the second computer; and

transmitting the ~~received~~ second live audio feed to a speaker mounted within the simulation environment.

13~~21~~. The system of ~~any one of~~ claims 1~~8~~1 or 12~~to 20~~, wherein when the simulation environment comprises an aircraft ~~flight~~ simulator and the first portion of the simulation environment encompasses a portion of instruments and controls of the ~~flight~~ aircraft simulator.

~~22. The system of any one of claims 18 to 21, wherein the at least one video feed comprises at least two video feeds.~~

~~2~~134. The system of claim 13~~claim 22~~, wherein ~~a given one of the at least two video feeds~~the first live camera feed encompasses an internal portion of the ~~flight~~ aircraft simulator, the internal portion of the ~~flight~~ aircraft simulator comprising a screen of the ~~flight~~ aircraft simulator on which images of a computer-generated environment are displayed.

~~24. The system of claim 22, wherein the flight simulator comprises a motion-based flight simulator and a given one of the at least two video feeds encompasses an external portion of the motion-based flight simulator.~~

~~25. The system of any one of claims 18 to 24, wherein the viewer application is further configured for providing a view of a simulation control interface of the simulator.~~

~~2~~156~~6~~. The system of any one of claims 11 to 14~~claim 25~~, wherein the simulation control interface comprises an interface of an instructor operating station~~, the second live camera feed encompassing the instructor operating station~~.

1627~~7~~. ~~The system of claim 25, wherein the processor is further configured for receiving the view of the simulation control interface from a simulation engine.~~

~~28. The system of any one of claims 18 to 24, wherein the viewer application is further configured for providing a view of an interface of a data analytics platform.~~

~~29. The system of claim 28, wherein the view of the interface of the data analytics platform corresponds to an image of a display unit on which the interface of the data analytics platform is displayed, the image of the display being captured by a further camera connected to the private network.~~

~~30. The system of claim 28, wherein the processor is further configured for receiving the view of the interface of the data analytics platform from a server hosting the data analytics platform.~~

~~31.~~ The system of any one of claims 1~~8~~1 to 15~~24~~, wherein the processor is further configured for granting the second videoconferencing client control over at least one of: the viewer application, an interface of an operating system and an interface of a data analytics platform.

3172. ~~The system of claim 31, wherein the processor is further configured for granting the second videoconferencing client control over an interface of an operating system.~~

~~33. The system of any one of claims 28 to 31, wherein the processor is further configured for granting the second videoconferencing client control over an interface of a data analytics platform.~~

~~34.~~ The system of any one of claims 1~~1~~8 to 16~~33~~, wherein the processor is further configured for:

receiving instructions to project a visual indication within the environment from the first videoconferencing client; and

controlling a projector installed within the simulator to project the visual indication.

18. The system of any one of claims 11 to 17, wherein the processor is further configured for displaying within the viewer application a third live camera feed captured by a third camera and encompassing a second portion of the simulation environment different from the first portion.

19~~35~~. A computer program product for providing remote visibility into a simulation environment, the computer program product comprising a computer readable memory storing computer executable instructions thereon that when executed by a processor perform the method steps of:

establishing over a secure public network a connection between a first videoconferencing client running on a first computer and a second videoconferencing client running on a second computer;

receiving at the first computer a first live camera feed over a secure private network, the first live camera feed encompassing a first portion of the simulation environment and being captured by a first camera, the second computer being located outside of the secure private network;

displaying within a viewer application running on the first computer the first live camera feed and at least one of:

a simulation control interface used to set and display parameters for a simulation for the simulation environment;

a computer-generated representation of a second portion of the simulation environment; and

when the simulation environment comprises a motion-based flight simulator, a second live camera feed captured by a second camera and encompassing an external portion of the motion-based flight simulator~~a second live camera feed captured by a second camera and encompassing a third portion of the simulation environment different from the first portion~~; and

granting the second videoconferencing client visual access to the viewer application through the first videoconferencing client.

2036. A kit for providing remote visibility into a simulation environment, the kit comprising:

the computer program product of claim ~~35~~19; and

a pole removably securable inside the simulation environment, the pole comprising an elongated body having an adjustable length and at least one camera holding device for holding a camera, the camera holding device being securable at a desired position along the elongated body and configurable so that the camera captures images of a desired portion of the simulation environment.

~~37. The kit of claim 36, wherein the elongated body is telescopic.~~

~~38. The kit of claim 36 or 37, wherein the camera holding device is rotatably securable to the elongated body.~~

~~39. The kit of claim 38, wherein the camera holding device comprises a clamp securable to the elongated body and an arm extending between a first end rotatably connected to the clamp and a second end mountable to the camera.~~

~~40. The kit of claim 39, wherein the camera holding device further comprises a first ball joint mounted between the first end of the arm and the clamp and a second ball joint mounted at the second end of the arm and being securable to the camera.~~