VIRTUAL REALITY

CAPABILITIES
- Walkthroughs (Aircraft cabin, manufacturing areas, offices, housing etc.)
- Ergonomic reachability studies
- High end data visualization
- Interactive videos
- Virtual Training

DISPLAYS
- 65 in. Samsung UHD 4K LED 9000 Series TV
- 55 in. Samsung 3D LED 7000 Series TV
- 1080P
- 1920x1080 Resolution
- 15,000,000:1 Dynamic contrast ratio
- 16:9 aspect ratio
- Sensics Head-mounted display
- 1900x1200@60hz Resolution (each eye)
- Field of view: 123deg diagonal, 120deg horizontal, 45deg vertical
- Wacom Cintiq 24HD touch Creative Pen Display
- Oculus Rift DK2
- zSpace Holographic display

TRACKING EQUIPMENT
- Kinect Sensor running FAAST VRPN server
- 4 sensor Ascension Nest of Birds (line of sight not required)
- 8-camera Vicon system

DATA-PROCESSING
ALL COMPUTERS RUNNING NVIDIA GPUS
- Dell T7500 with 2x Quadro 5000 GPUs
- Dell T7400 with Quadro 6000 GPU
- Dell T7500 with Quadro 5000 GPU
- Dell M6800 with Quadro KS100M GPU
- Dell T7610 with Quadro K4000 and Tesla K20c

SOFTWARE
- Adobe Production Premium CS6
- Android SDK
- Apple iOS Xcode
- Autodesk 3DS Max
- CATIA
- Unity 3D
- Unreal Engine
- 3DEXCITE Delta Gen

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