



INFRA SOLUTIONS

VISUALIZATION & MODELING



OVERVIEW

- Exterior architectural visualizations
- Interior architectural visualizations
- 3D modeling
- Facilitates project understanding and decision making
- Alternatives renderings
- Visuals for public outreach
- Enhanced project deliverables
- Project websites
- Leverages Esri(GIS) On-line

InfraSolutions visualization capabilities provide stunningly accurate and valuable representations of real-world scenarios.

McFarland Johnson has the internal tools and resources to bring your project to life. Our visualization services are designed to take all your project's detailed data and information and transform them into high quality three-dimensional renderings and animations based on real world data.

Whether your staff is pursuing a new project or participating in public outreach meetings to the community, our renderings and animations can be used to provide clear and concise planning on your projects.

Our 3D modeling capabilities are built to incorporate neighboring properties and environmental conditions to assist your facilities staff in key decision making at your airport. 3D animations can be built to show fly-ins of taxiways and runways or show aircraft traffic and runway closures for phasing plans.

Incorporating Esri GIS on-line, we can build maps of potential wind, building, environmental, and landscaping obstructions aircraft may encounter at your airport.

VIEW OUR CAPABILITIES

To view examples of our Visualization capabilities, click on the laptop images below or visit our YouTube channel by scanning the QR Code with your phone's camera.





INFRASOLUTIONS

UAV SERVICES



SERVICES OVERVIEW

- 12 Licensed pilots
- Qualitative data products
- Quantifiable data products
- Efficient data collection
- Streamlined GIS integration

LEARN MORE

Scan the QR Code with your phone's camera to see our videos on YouTube, or visit our website at mjinfrasolutions.com to learn more about our UAV services and technology solutions.



InfraSolutions' UAV Services offer state-of-the-art, highly detailed, and precise data and image collection capabilities for photos, inspections, thermal imaging, and photogrammetry for survey data, modeling, and visualizations.

Drone photography and videography has changed the way people work today, and McFarland Johnson has been at the forefront of this technology at airports across the country. Our team of licensed UAV pilots can be utilized to map and model your airport.

Whether you are looking to see progress on a site, measure materials to see if they fit, or looking to export high quality panoramic images for marketing purposes, we have the UAV staff to get the job done. Several members of our staff are certified

FAA Part 107 commercial drone pilots and have obtained waivers from the FAA to operate our UAV(s) within controlled airspace.

We can also take drone footage and have it built into accurate 3D models that can be used to test structural and environmental elements of your building.



CONTACT US



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