

RLA TECHNOLOGY
SOLUTIONS



www.rlatechnology.com
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ELEVATE | THE EVERYDAY



Customer service is the cornerstone of our business. Customer satisfaction is our top priority. We pride ourselves on assisting our customers every step of the way, from concept to completion. We'd like to take your project even further with our RLA Technology Solutions interactive services.

AFFORDABILITY

Our fully staffed RLA Technology Solutions department completes all interactive projects in-house, cutting out the need for a middleman. This gives us the ability to have direct communication with our clients and plan according to industry-sensitive turnaround times. Our interactive services are designed with our customers' budgets in mind, allowing them to view a proposed space before breaking ground. Making informed, accurate decisions up front saves both time and money.

QUALITY

RLA Technology Solutions has taken the time to round up amazing talent from across the country and put them all under one roof. Our creative team works on some of the best equipment, always pushing the latest technological trends and bringing them directly to our clients. Years of experience collaboratively pulled together on a project result in beautiful, true-to-life, interactive and rendering pieces, designed with stunning detail and clarity.

VALUE

Our interactive services are completely customizable in order to suit our client's needs, from the budget-conscious to the inventive, without sacrificing quality work. We create powerful visualization tools that give our clients the opportunity to proactively evaluate solutions for issues within their community or space before a problem arises. Available on multiple device platforms for ease of use and portability, exploring your options has never been easier.





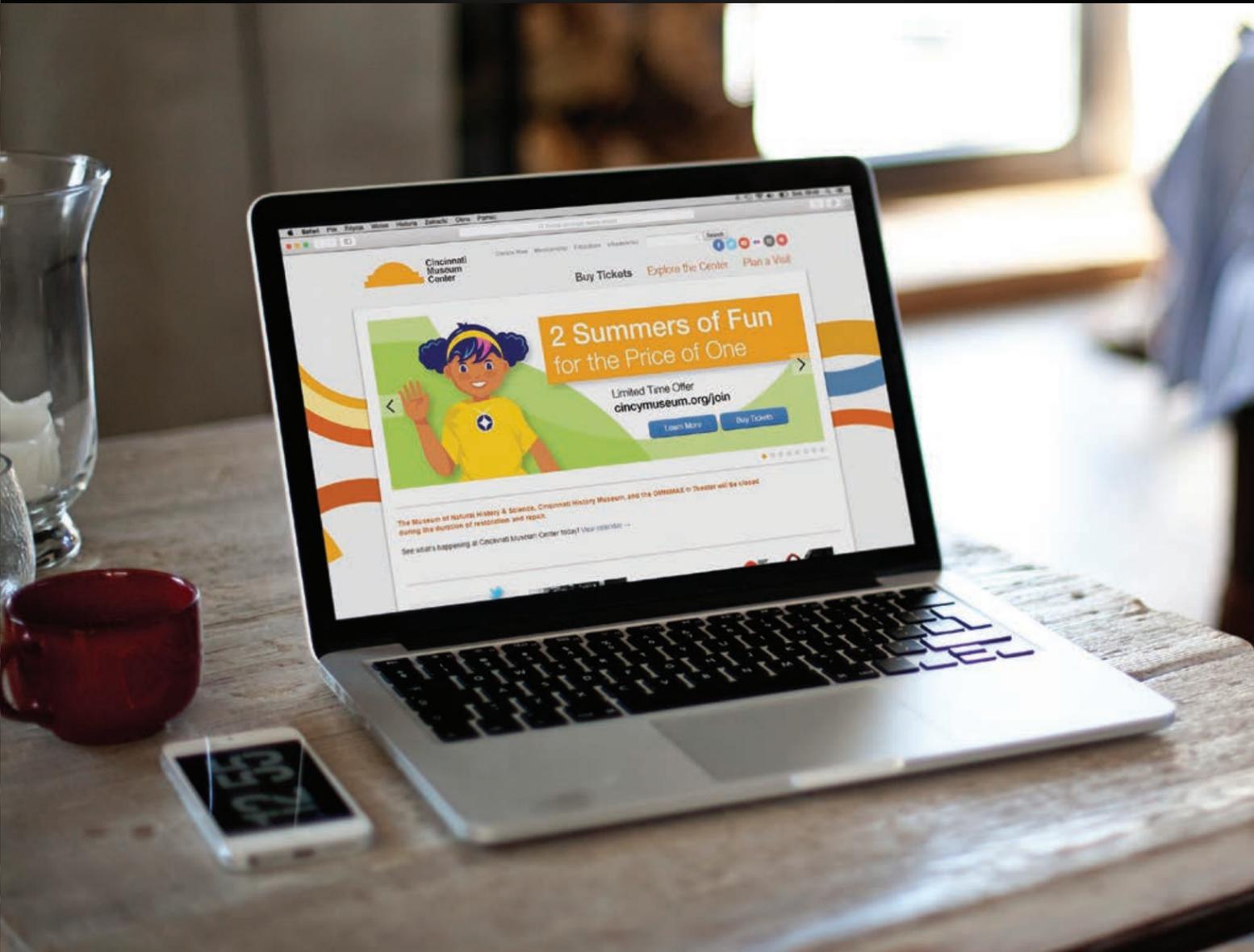
RLA TECHNOLOGY SOLUTIONS

RLA Technology Solutions offers a wide variety of technical and interactive services to help enhance or imagine your space. Our talented team of IT Directors, 3D Artists, Graphic Designers and Web Specialists bring an exciting mix of experience and innovation to our clients. With our finger on the pulse of the latest technological trends and advancements, RLA Technology Solutions is your one stop shop to take your projects to the next level.



WEB AGENT | HOSTING, DEV & DESIGN

Your website is the face of your company. A poor or mismanaged site could mean the difference of securing a potential customer's business or not. RLA Technology Solutions is equipped with the knowledge and tools to create an aesthetically pleasing, interactive web presence. Our web specialists can host and develop your site on the backend while working closely with our in-house graphic design team to create a beautiful, fully functional page. RLA Technology Solutions staffs 3D artists and a Video Production team, elevating a static page to eye-catching with custom motion graphics and interactives.





APP DESIGN | & DEVELOPMENT

APP & DEVELOPMENT

Customized for Phone & Desktop

Enhance your project, space or business with a customized phone app or program. Streamline the way you do business by creating a phone or desktop app for your employees, available for iOS, Android and Windows mobile platforms, plus all desktop environments. Access learning tools and presentation materials with the click of a button.

- iOS, Android and Windows phone app development
- Windows 8/10 app development
- OS X app development

INTERACTIVE DEVELOPMENT

Virtual & Augmented Reality

Businesses looking to stay on the cutting edge of technology can create memorable and engaging experiences by using interactive displays and 3D virtual reality. In a training application, an interactive, 3D virtual space can simulate a real-life scenario for a truly hands-on learning experience. Museums and entertainment attractions engage motion tracking and immersive interaction as part of modern exhibits. Using 3D interactive graphics in a sales presentation can be a powerful way to show off your products. RLA Technology Solutions provides the complete package.

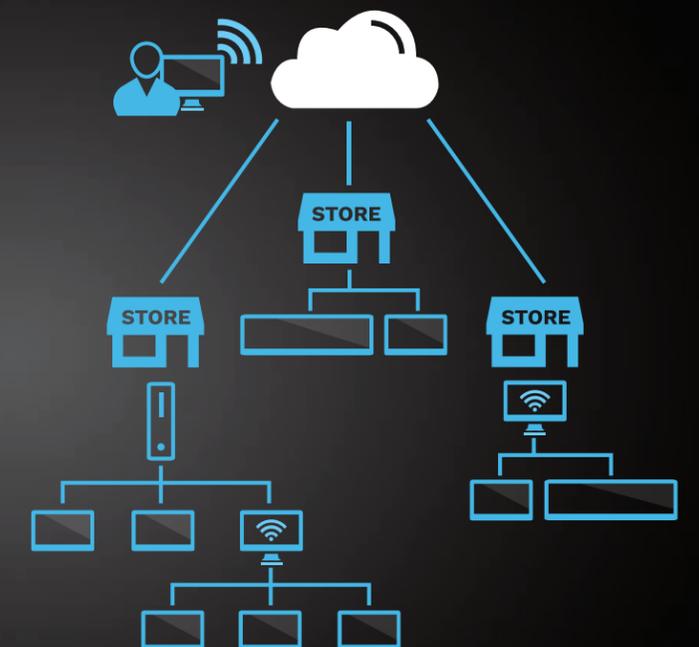


DIGITAL DISPLAYS | CUSTOM CONTENT



KEY FEATURES:

- Cloud/on-premises version
- Browser based editing tools
- Offline mode
- Time of day content scheduling
- Mixed media support
- Access to RLA creation services
- 4K content support
- Commercial grade
- On/off scheduling for displays
- Installation
- Remote technical support
- Works with existing displays
- Complete hardware/software/content solution





VIDEO | FOR ALL TYPES OF PROJECTS

Research has shown that audiences who view video are about 2X more likely to take action and videos garner 20% more attention time than other marketing methods. In fact, 52% of marketers list video as the marketing medium with the best ROI.

The influential power of video can engage and captivate an audience and tell any story in contemporary fashion. With a team to help plan, develop and execute your message, you can present visually appealing and emotionally engaging content to any audience. Whether creating visual content for the web, social media or television, the opportunity is now yours to establish a connection and tell your story through the most powerful medium of communication.

AVAILABLE SERVICES:

- Live action
- Aerials
- Animations
- Motion graphics
- Customer testimonials
- Instructional videos
- Interactives
- Sizzle reels
- Product promotions
- Corporate videos
- Explainer videos



AERIAL FOOTAGE

Take Your Ideas To New Heights

Aerial technology now offers the opportunity to advance viewing options from hundreds of feet above any site or location, exhibiting perspectives that can morph the way a property is observed. With precision flying from our FAA Licensed pilot, enjoy 4K resolution drone video and imaging of any site. Quick turnaround times and speed of delivery allow for customers to quickly complete time-sensitive projects. According to the *Harvard Business Review*, "They [drones] can provide deeply detailed visual data for a tiny fraction of the cost of acquiring the same data by other means."

Drones used to be reserved for large budget cinematic crews, and even after the recreational surge of marketplace drones, commercial laws limited the accessibility many companies had to this technology. Now with an FAA License to fly commercially, you can expect safety and professionalism from our team of video production specialists.





3D RENDERINGS | REALIZE YOUR SPACE

Utilizing detailed construction sets, material lists, photographs and the customer's requests, the 3D team can create a photorealistic rendering of the proposed project. Custom, high-quality site and aerial views are provided for the customer as high-resolution image files.

3D Renderings are photorealistic, digitally designed images of your real or imagined space. A detailed 3D model offers the ability to "try before you buy" by exploring various design choices during the planning process. This saves you time and money up front, eliminating the need for prototype spaces and construction issues. Because of the attention to detail and quality, the result is a beautiful showpiece of your site, perfect for presentation, submitting for approvals and study. A set of 3D Renderings can be a critical step to getting your project off the ground.

The 3D Rendering service offers custom fly-by and walkthrough animations, allowing you to explore, evaluate and adjust as needed. And with our 3D compositing capability, you can simulate the lighting, landscaping and traffic impact on your site. Since proposed buildings and site development can be overlaid onto existing site photographs, you can view a finished project before breaking ground.



BENEFITS:

- Saves time and money, pre-construction
- "Try before you buy," exploring various design options
- Study traffic patterns
- Study light illumination, trespass, and hot spots
- Assists project submittals for approval
- Customizable

KEY FEATURES:

- Photorealistic
- Available 3D compositing
- Available fly-through animation
- Day and/or night views
- Interior and/or exterior views
- 360 degree video renders
- Multi-platform use, viewing on any device

TECH TOUR 360 | INTERACTIVE 3D RENDERS

Imagine the detail provided by 3D Rendering but with mobile-friendly interaction that allows you to explore your site in a dynamic 360 degree view. Tech Tour 360's seamless panoramic, photorealistic views and customized content add an interactive benefit to a traditional 3D Rendering.

Tech Tour 360 is a mobile-friendly, interactive app that allows you to explore your site in a dynamic, 360 degree view. Beautifully crafted images and designated vantage points allow for in-depth exploration of your space, from street view to aerial view.

Optimize your Tech Tour 360 experience with custom menu options and programmed multimedia links. This allows the user to toggle between a variety of viewing options while incorporating clickable "hot spots," programmed with embedded media. Flip between day and night, design options and products with the touch of a button. Pull up video files, PDFs and links in an instant. Tech Tour 360's mobility and interactive features make it a powerful exploration tool, perfect for any project planning team. Presenting and navigating your space has never been easier.

The Tech Tour 360 app uses rotatable, 360-degree, photorealistic views, downloaded directly onto your desktop or mobile device. The user can pan around the site by swiping their finger or clicking on the screen in any direction.

BENEFITS:

- Saves time and money, pre-construction
- "Try before you buy," exploring various design options
- Assists project submittals for approval
- Customizable
- Interactive viewing experience
- Dynamic presentation tool

KEY FEATURES:

- Photorealistic
- Available fly-through animation
- Day and/or night views
- Interior and/or exterior views
- Product comparisons
- 360 degree views
- Customizable hotspots
- Multi-platform use, viewing on any device



TECH TOUR PLUS | FEATURED 360° ADD-ON

Tech Tour Plus takes Tech Tour 360 to new heights with the ability to integrate a 3D interactive model directly on your mobile device. With all of the perks of Tech Tour 360, the Plus add-on feature offers a hands-on exploration of your space.



PRODUCT SPECIFICATION
Catalog logic, dimensions, color, illumination, options



Utilizing a live feed from your mobile device and aiming the mobile device at your printed or digital target, a detailed full-color 3D model will appear on your screen, bringing your site plan to life. Moving your device around enables you to virtually explore your site.

The Tech Tour Plus app uses a rotatable 3D model downloaded directly onto your mobile device. The user can pan around the site by rotating your mobile device in any direction.

REAL-TIME | INTERACTIVE EXPERIENCE



With the Real-Time Interactive Experience, we provide our customers the exciting opportunity to view and actively interact with your space within a customizable virtual environment. This allows you to move around freely, in real-time, offering a one-of-a-kind study of your proposed site.

Created with stunning detail and clarity, the virtual space offers you a time and money-saving solution by allowing you to make instant lighting, architectural and design changes as you move freely through both interior and exterior environments. Comparisons within the virtual environment give the customer a unique opportunity to study these options and make confident decisions. This tool is powerful enough to relight, redraw, and retexture every time you move.

Choose from a variety of design elements, such as paint and material choices, floor plans, architectural designs, and landscaping. Control the time of day by switching between morning, afternoon, dusk and night. You can even rotate position to gauge the effect of shadows. All of these options and more are built right into your Real-Time Interactive Experience.

The pre-installed RTIE program uses your keyboard and mouse to walk around your virtual exterior and/or interior site. Using a standard menu right on the screen, the user can simply click between programmed options as they navigate and explore the site in real-time.

BENEFITS:

- Saves time and money, pre-construction
- "Try before you buy," exploring various design options
- Assists project submittals for approval
- Customizable
- Interactive viewing experience
- Dynamic presentation tool
- Real-time, virtual environment

KEY FEATURES:

- Day and/or night views
- Interior and/or exterior views
- Product comparisons
- 360 degree views
- Customizable hotspots
- Fully Navigable Environment
- Unlimited renders
- Traffic simulation
- Lighting, material and architectural changes

3D COMPARISON GUIDE

	3D Rendering	Tech Tour 360	Tech Tour Plus	RTIE
Available 3D Compositing	●	–	–	–
Photorealistic	●	●	–	–
Available Fly-Through Animation	●	●	●	–
Day and/or Night	●	●	●	●
Interior and/or Exterior	●	●	●	●
Product Comparisons	–	●	●	●
360° Views	–	●	●	●
Customizable Hotspots	–	●	●	●
Fully Navigable Environment	–	–	–	●
Unlimited Renders	–	–	–	●
Traffic Simulation	–	–	–	●
Adjust Time of Day (noon to 11pm)	–	–	–	●
Lighting, Material and Architectural Changes	–	–	–	●
Device Compatibility				

3D Rendering

- Any internal or external view of an object or building (external only for most 3D Composite)
- Photorealistic
- Deliverable via app, web, basic image or video file
- 3D Compositing allows new building sites and raise/rebuild locations
- Deliverable in day or night lighting
- Product and Packaging development
- Fly-by animation options available

Tech Tour 360

- 3 rendered 360° views
- Photography based 360° views
- Photorealistic 3D graphics
- Pinch/Zoom to scale up content.
- Product comparison
- Hotspot navigation links in 3D space
- Fully Cross platform (Windows, iOS, Android)
- Automated Day/night toggle available (before/after)

Tech Tour Plus

- Camera based plan identification reveals interactive 3D model on screen
- iOS and Android only
- 3D animated and interactive elements
- All other features of Tech Tour 360 included

Real-Time Interactive Experience

- Interior, exterior, or both
- Time of day (noon-11pm) lighting simulation
- Site plus surrounding environment (buildings, some landscaping)
- First person view + aerial view. Fully navigable environment (go anywhere in 3D space)
- Lighting controls
- Traffic simulation
- Customizable User Interface
- Unlimited renders
- User controlled lighting, material and architectural changes
- Camera animation
- Custom display hardware available
- Video playback within 3D environment (ex. computer monitors playing content in offices)
- Clickable objects for custom information popups



PROJECT REQUIREMENTS

REQUIRED TO BEGIN PROJECT
Site Layout and Civil Drawings (CAD and PDF) Building Elevations - Interior and Exterior (CAD and PDF) Material and Equipment Schedules Lighting Layout (for night view) Graphics Packages *** High resolution photos of agreed upon views (for 3D compositing) *** 3D Rendering only

PREFERRED DOCUMENTS (HELPFUL, BUT NOT REQUIRED)
Site Topography (CAD) Site Images Any Additional Imagery Relevant to Building Design Landscape Plan Any Relevant Material or Design Element Images

MINIMUM SPECIFICATIONS

	3D RENDERING
iOS:	iPad 3 rd Generation
Android:	Android 4.0.1 or Later
PC:	Windows 7 or Later 3 rd Generation Intel CPU 4GB RAM

	TECH TOUR 360
iOS:	iPad Air
Android:	ARMv7 CPU with NEON Support or Atom CPU Android 5.0 or Later
PC:	Windows 7 or Later 3 rd Generation Intel i3 CPU 4GB RAM

	TECH TOUR PLUS
iOS:	iPad 3 rd Generation

	REAL-TIME INTERACTIVE EXPERIENCE
PC:	Windows 7 or Later 4 th Generation Intel Core i5 CPU (2.5ghz) Nvidia GTX 860M 8GB RAM

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