



# Lagotronics Projects<sup>®</sup>

Interactive Attractions • Show Experiences • Dark Rides



creating  
unforgettable  
memories



# Welcome to Lagotronics Projects

**Thank you for your interest in our company and our business!**

We have been creating unforgettable memories since 1979. Having started out in the audio and lighting business, today we create interactive experiences for theme parks, museums, amusement parks, waterparks and shopping malls.

We have been pioneers since our earliest beginnings, providing innovative solutions in the field of interactive systems, game development, audio, video, lighting, show control and augmented reality. We don't just push boundaries – we break through them.

Besides our state-of-the-art technology, our creative team is ready to develop the most amazing show experiences for your attraction. From creative design (storytelling and theming), to managing and producing an excellent end result.

I believe our strength is in knowledge, innovation, customized solutions and out-of-the-box thinking. Every team member is passionate, highly knowledgeable and very involved in our business. I'm proud to be part of this amazing team.

**Mark Beumers**  
CEO, Lagotronics Projects BV

This brochure offers an overview of our main activities and a number of showcases and concepts – each capable of creating unforgettable memories. I hope you enjoy it.

Please let me know your thoughts about our company, projects or ideas:  
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“Delivering smiles to our customers  
and their visitors is the best reward  
I can possibly imagine.”

**Mark Beumers** - CEO Lagotronics Projects BV

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# Creating unforgettable memories

## What we're good at

Thanks to our extensive knowledge, expertise and experience, we are seeing increasing demand for our services. We create unique, customized solutions for our clients by combining our qualities:

- Creative storytelling & Show producing
- Interactive (ride) systems
- Game development
- Audiovisual
- Lighting
- Show control
- Augmented Reality

## Industries we work in

Our leading edge, high-quality and creative solutions offer unforgettable experiences to visitors of leisure businesses such as theme parks, museums, amusement parks, shopping centers and retail areas. We make sure your visitors leave with a big smile on their face.

## Turnkey show experiences

If desired, we're able to offer the entire package for an amazing show experience. Whether it's an (interactive) darkride, show ride or another attraction, we provide a turnkey solution for the complete project. Our creative team develops the most amazing show experiences!

They design the complete visitor-journey of your ride or attraction, integrating new or existing storytelling and theming. After this, our show producers will manage engineering, production, installation and delivery together with our technical experts. Your visitors will definitely have an unforgettable experience!

## How does our interactive system work?

Our interactive system includes a range of products. This allows customers to mix and match from our collection of technology! We offer many types of controllers and devices, targets and special effects. Learn more about our interactive system on the next pages!



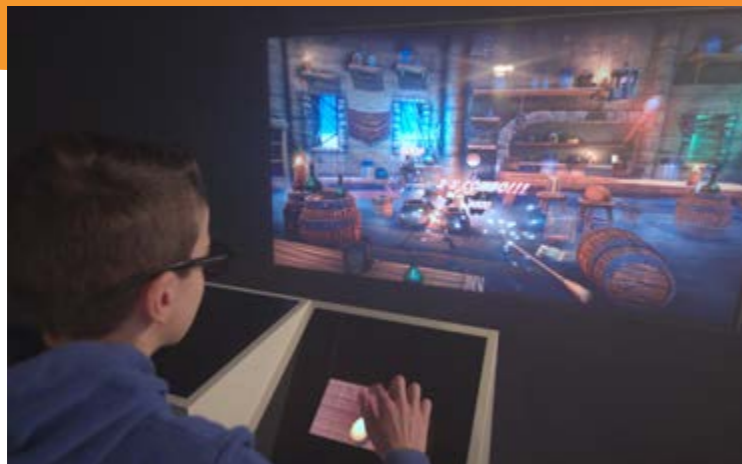




# Let's ride & play!

To hit targets, play video games or make things happen during the ride, there is a controller or device. These come in all shapes and sizes and can be designed completely to your wishes. In addition to the most common and well-known ones, like the cannons and handhelds, there are many other possibilities like hand symbol and swipe control. But also touch screens and simple press buttons. With this controller, you can start the ride and play your game.

Targets in the ride can both be visible ones, as well as being disguised as animatronics and objects in the scenery. We can also make them move, give light and make a sound. It's also possible to integrate video content to your ride or leisure area. By using video screens, projection screens, LCD monitors or projection mapping you can add amazing video games to your ride. Educational content for museums or experience centers is also an option.





# Enjoy dazzling special effects

When visitors manage to hit the targets, they'll make things happen during the ride themselves!  
As a reward, they'll be treated to a range of special effects.

## Audio

We can provide the perfect audio system for any area, attraction or ride. Sound effects, multiple zones, music in your shop or in the queue area, indoor or outdoor – anything is possible. And thanks to our long-standing history in this industry, we carry some of the world's best audio brands. All audio can be linked to the interactive system.

## Video

If you choose to integrate 2D or 3D video games, we offer world-class solutions. From projection screens, LCD displays to projection mapping, we can create installations with both large and small screens.

## Lights

We have been designing, supplying and installing lighting all over the world since 1979. Many theme park rides and attractions have been enhanced by our spectacular light shows. All lighting can be linked to the interactive system. So imagine how great your light show could be! And of course we use energy-efficient, low-maintenance LED lighting.

## Special effects

Wouldn't it be great to have your visitors meet animatronics during their ride which suddenly start talking and moving? And what about having a warm breeze wash over them, or feeling sudden vibrations? We offer a wide range of special effects to make your ride or attraction even more special – and your visitors smile even bigger.





# Ultimate game & ride experience



Integrating gaming in a ride or attraction is one of our specialties. Imagine 3D projectiles flying out of the shooter into a game scene, and from the scene towards the player!

#### Unique and realistic

Our groundbreaking technology offers visitors a unique and realistic game experience. During the ride, player scores are displayed on screens inside their seats. And at the end of the ride, the scores are displayed on a big screen – including photos of all the players!

#### In house game development

Did you know we have our own game development studio? Our game designers have over 25 years of experience in developing games for both the dedicated video game industry and major theme park attractions!







# Showcases and concepts

To show you how and where our interactive system can be realized, we proudly present some fantastic showcases and concepts.

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## You make things happen!

This attraction has visitors trigger exciting events during a walk through a building, room or area.

For example: start your own exhibition in a museum: collect all of the dinosaur bones to complete the dinosaur skeleton. During your search you can make dinosaurs roar and have Fred Flintstone teach you about prehistory!

And how about putting together your own car by collecting parts throughout a car museum? Can you create a Ferrari or Volkswagen van?

This interactive system is also a perfect fit for shopping malls. Imagine your children playing for discounts on your purchases – that would make shopping fun for the whole family!

The battery-powered handheld controller can be any design: a magic wand, wrench or a dinosaur bone. You name it!

Aim and hit (physical) targets to trigger special effects!  
Bewitch a wall in a magic house to light a lamp, make a spider crawl down or have a picture start talking!



# Interactive walk-through



# Candy Puzzle

## Solo drive-through



### Create your own interactive single-player experience

Play a single-player game while riding a vehicle!

Driving through a ride, sitting or standing in a vehicle, you'll enjoy a single-player interactive experience! The type of controller installed on the vehicles is the customer's choice. Trigger special effects by hitting physical targets, which are incorporated in the scenery.

Playing virtual games on video screens is also an option. And in addition, even a combination of physical targets and video screens is possible. This ride is small and compact with a lower capacity, and because people are restrained in a vehicle, completely vandalism-proof.





## Bring the world to life!

A typical interactive outdoor ride, driving through beautiful scenery or landscapes, bringing the world to life!

Unique and funny, due to the interactive touch.

Every vehicle is equipped with one or more controllers (such as photo cameras, shooters, flashlights, etc.)

By hitting scenery targets or animatronics, you'll trigger special effects such as sounds or noises, lights, movement, wind and vibrations.

You can score points by hitting or catching as many targets as you can.

**Have you ever considered refurbishing an existing ride? An upgrade is a great alternative to investing in a completely new ride, and your visitors still get to enjoy a brand new experience! The Foto-safari ride at Rasti-land is a great example.**



# Interactive outdoor ride



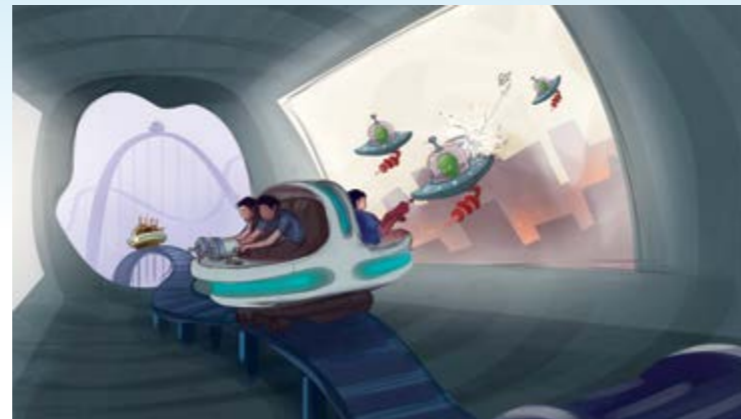
Rasti-land / Germany







# Interactive rollercoaster



## A spectacular interactive thrill ride combination

Shooting targets during a rollercoaster ride is guaranteed to add to the thrill! An interactive rollercoaster can be an indoor dark ride or an outdoor ride, slow-moving or fast (or a combination of both).

During the rollercoaster ride you can hit targets on the sides of the track with your shooter, triggering special effects (light and sound).

A unique option in the indoor dark ride is to create stops during the ride where you can play your own game on video screens. This gives a surprising extra dimension to the experience!





# Classic tower

## The classic tower ride, evolved

Offer your visitors a brand new teamwork experience by making a small-scale tower attraction interactive!

This can be done by creating an interactive gaming experience in the ride. You can aim a handheld controller at different targets placed around the tower. Hit them and score points or trigger special effects!

Even a combination of special effects and scoring points is possible. In an indoor tower ride you can also integrate 3D video gaming (optionally in combination with physical targets).

Existing tower rides are very suitable for an upgrade, to turn them into fantastic interactive experiences! For example the Heege Tower at Potts Park.







# Interactive Kiddy Flyer



A Interactive Kiddy Flyer is for both indoor and outdoor. An existing carousel is very suitable to turn into an interactive experience!

## A merry-go-round with an interactive twist

Your children will love our interactive take on the classic carousel. By installing interactive devices on the vehicle/seats, children can aim targets on a decorated wall during the ride.

By hitting the targets, they score points and trigger special effects. Challenging, funny and something different!



# A traditional dark ride... with an interactive twist

Did you know that existing traditional dark rides can easily be upgraded to interactive dark rides?



Ghost Hunt / Lake Compounce (USA)



## An exciting interactive experience

Classic dark rides usually take your visitors on a passive journey through beautiful scenery. But what if they could interact with that scenery?

Every vehicle in the ride is equipped with controllers (handheld or fixed devices). Targets are installed throughout the ride: these can be single targets incorporated in the scenery, but they can also be disguised as beautiful animatronics or decorative objects.

Hit a target to score points or trigger special effects like wind, sound and lighting. Visitors can track their score on the score display in their vehicle. And at the end of the ride they

can compare their score with fellow players on a big screen! Didn't get the highest score? Trust us – they want to try again!



# GameCabIN



## Standalone 3D game experience

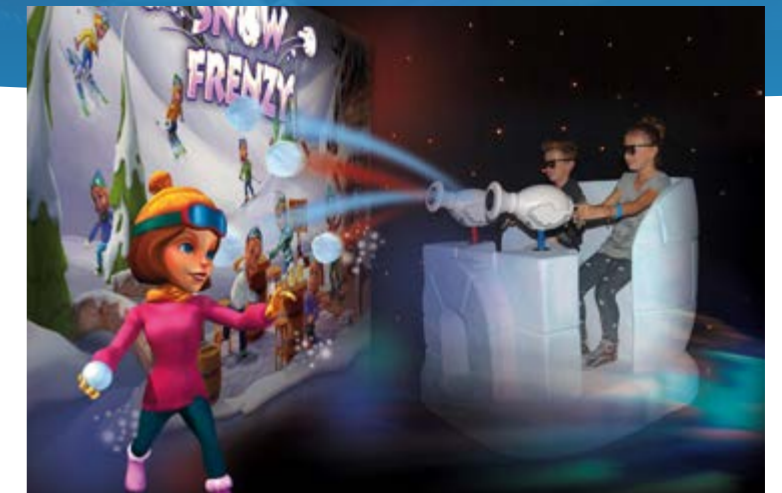
Have your visitors play the lead role in world-class games!

Our GameCabIN has a modular design, small footprint, various lay outs and installation options. It's a combination of 3D video screen, full HD images, imaginative fantasy shooters, audio and high fun factor games. Very suitable for various types of entertainment and leisure centers!

We've developed great 3D games that are funny and child-friendly. But we can also develop a unique custom game especially for you.

We can build the GameCabIN to suit your needs:

- We make GameCabINs from 1 up to 50 players or even more
- You can enhance your GameCabIN with decoration, physical targets and animatronics and special effects like wind, vibration, lights, sounds, etc.
- Another fantastic option is to create a GameCabIN on a motion base





## Farm Fair GameChanger

This farm-themed GameChanger is a hilarious 3D interactive rotating darkride, completely designed in a farm environment. Three farm-friends Horse, Cat and Rooster get the crazy idea to organize a big fair. All farm animals are totally out of control! They invite guests (ride visitors) to come along and enjoy...  
100% Farm-Fair-fun!



### Revolutionary rotating darkride: let's play around!

Imagine getting into a vehicle on a platform, rotating like a revolver – and after every turn, you get to play an amazing 3D game!

The GameChanger is an interactive 3D darkride, offering huge capacity on a limited footprint. With its endless possibilities, the GameChanger can be customized to your needs and wishes. Guests not only play great video games, it's also possible to aim and hit

physical targets integrated in the scenery. To enhance the experience even further, the ride can be extended with surprising special effects, score monitors, stunning scenery, beautiful animatronics and the most amazing games. We offer the entire package for an

immersive interactive darkride experience on a small footprint, yet with high throughput.



# Interactive Media dark ride



Wanda Mall / Nanchang, China



## Play & ride this interactive 3D dark ride

Step into an interactive 3D world and experience your own game!

The Interactive Media dark ride is an 3D dark ride, with controllers and score displays installed in the vehicles.

Choose one of our fantastic interactive controllers and create a unique experience. We are able to use 3D or 2D projection screens or LCD displays.

You play the games while driving through the various game scenes, and your personal score is displayed on the score display inside your vehicle. Integrating special effects in this ride is a great way to enhance the experience even further.

At the end of the ride, all player scores are displayed on a huge screen. And of course, Lagotronics Projects can develop the most fantastic games for you!





# Interactive Media Combi dark ride



EON TIME WORLD / Harbin, China



Dark ride designed in Farm Fair theme

## Similar to the Interactive Media dark ride... with an extra touch!

A unique combination of interactive 3D video displays, animatronics, separate targets and matching scenery brings the game to life, creating a truly immersive experience.

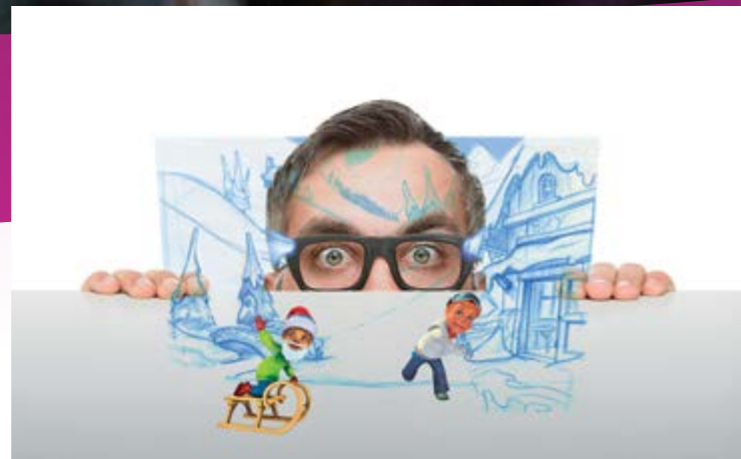
This interactive 3D dark ride has controllers and displays installed in the vehicles. Besides playing on 3D projection screens or LCD displays, you can also try to hit various physical targets.

These physical targets can be incorporated into the scenery or disguised as animatronics or decorative objects. Your personal score is displayed on the screens inside your vehicle. Special effects can be integrated to enhance

the experience even further. At the end of the ride, all player scores are displayed on a big screen. And of course, we can develop the most fantastic games for your ride!



# Virtual interactive experience



Have you ever thought of adding Augmented Reality to a ride or area? It will give your ride or experience a great extra dimension! Your guests will experience an unbelievable virtual adventure, walking or riding around in a fantastic virtual environment. During their ride or trip, they have the possibility to interact with the virtual environment or scenery.

For example by using hand gestures or controllers. In this way they create their own experience by making things happen and seeing things that aren't actually there!

The future looks bright for amazing effects to be added to all kinds of amusement rides or experiences. Especially when you link it to our interactive products!





## State-of-the-art technology

Our creative drive and extensive experience guarantee stunning audiovisual and lighting projects each and every time!

### Audio

We offer top-of-the-line audio systems for any setting. Thanks to our long-standing history in this industry, we carry some of the world's best audio brands.

### Video

We provide world-class video solutions: projection screens, LCD displays and LED walls, from small to large, with optional touch functionality to open up countless interactive possibilities.

### Lighting

Our decorative lighting installations create impressive and appealing atmospheres. Architectural lighting illuminates or accentuates buildings and bridges. All lighting solutions are energy-efficient and low-maintenance.



### Total solutions

Lagotronics Projects realizes projects that combine audio, video and lighting products in settings ranging from business environments to large installations in museums and auditoriums, all powered by our cutting edge show control and interactive technology.

# Audiovisual & lighting



# World's best interactive experiences!

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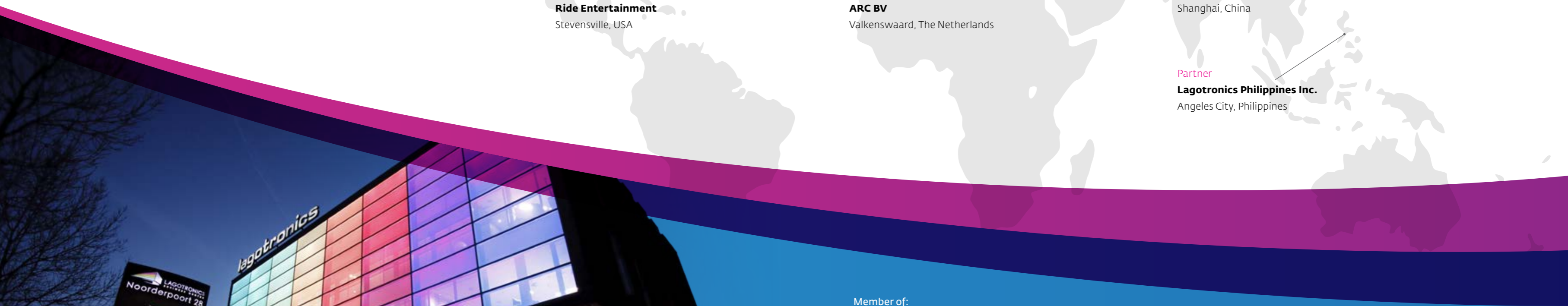
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