SPLASH VR

VIRTUAL REALITY
EXPERIENCE
IN THE WORLD OF
WATERPARKS

INCORPORATING **VR TECHNOLOGY** INTO WATERSLIDE RIDE IS BREAKTHROUGH FOR **WATERPARK INDUSTRY**

PARK GUESTS CAN NOW EXPERIENCE A TRIP THROUGH THE LOST CITY OF ATLANTIS ON WATERSLIDE TO INCORPORATE VIRTUAL-REALITY SIMULATION INTO THE JOURNEY.

Traveling down a waterslide has always been a unique adventure for guests. The path may be the same each time, but the adrenaline rush can change based on factors such as the person's state of mind, weather, the sun's angle, the water temperature, body weight and even the rider's swimwear.

Now, however, waterslide riders can experience a unique and wholly different excitement, entering diverse, one-of-a-kind worlds as they shoot through a slide's bends and curves. The new twist is based on the genius collaboration between TNTY Waterparks (Kocaeli, Turkey) and Polymorph Software (Montgermont, France). The two firms' R&D departments partnered to create an innovative first for the waterpark industry with the development of "Splash VR", the first technology solution that deploys a virtual-reality experience for waterpark guests without impacting the structure of existing waterslides.

SLIDING DEEP INTO
A LOST WORLD

When guests in Land of Legends' rafts wore their VR headwear and begin their waterslide journey, they will experience a journey though the Lost City of Atlantis. Based on a radio-wave system, the headsets know exactly where users are located on the slide and their views change based on a triangulation of electromagnetic-radiation wavelengths.

The Lost City of Atlantis has been an object of fascination since Plato mentioned it nearly 2,400 years ago. The great philosopher described a powerful and advanced kingdom that sank into the ocean, within the span of a night and day, around 9600 B.C. Ancient Greeks were divided whether the story was true or simply a metaphor. But during the 19th century, people's renewed interest in the story began linking it to actual historical locations, such as the Greek island of Santorini, which was destroyed by a volcanic eruption around 1600 B.C.

In TNTY's version of the myth, riders are immersed in an unprecedented adventure as they begin a journey of discovery while searching for the lost metropolis. The legend becomes reality as the virtual explorers make their way into the city and then explore its sights before sliding back into the real world.

With the introduction of the Atlantis immersive experience, however, guests on actual waterslides can now imagine being in completely different worlds. The Atlantis video is only the beginning of the adventures awaiting guests. Parks will have the opportunity to allow riders to choose different adventures — new concepts and films — every time they shoot down a tube.

AN UNPRECEDENTED ADVENTURE

CONTENT IN COMPLIANCE WITH THE SLIDE'S RIDE PATH

VR WATERSLIDE TECHNOLOGY PROVIDES :

· A full 360-degree experience of varying scenarios throughout each ride
· A user-friendly interface that allows guests to select desired interactions
· A synchronized VR display that can begin the ride displaying "real-life" images and then transition to a completely animated experience
· Unlimited scenario options including falling from a waterfall; traveling through dinosaur eras, space or other futuristic times; horror-action experiences; and licensed-character themes for kids.

Throughout the ride, guests are ensured a safe experience from the high-tech design of IP68-certified waterproof and dust-protection wireless VR glasses.

THE FIRST PARK TO ADD THE TECHNOLOGY TO AN EXISTING SLIDE IS **"THE LAND OF LEGENDS"** IN ANTALYA, TURKEY IN JULY 2017

360° VIRTUAL REALITY

IN COOPERATION OF

POLYMORPH

TNTY GROUP