Simulation & VR Strategies for smarter training

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WHO WE ARE?

everis is an NTT DATA Company, dedicated to consulting and outsourcing in all sectors, with a turnover of 1.03 billion Euro in the last financial year. We are a large family with 19,000 professionals across Europe, USA and Latin America.

everis Aerospace and Defence (AED)

International presence (sales & aftermarket) in 19 countries.

+5,000 simulators installed worldwide.
WHO WE ARE?

2003-2008
- Engineering company
  - Focused on the development of simulators for training
  - Civil Construction simulators (projects)
  - Mining simulators (projects)

2008-2012
- Product philosophy
  - SIMEDCAR HAV/GW
  - Motion Platforms
  - Simulation Cloud
  - Register > 20 patents

2013-2015
- Brazil contract (>5000 simulators)
- Creation of the Factory
- >100 workers
- >20 car sim/day
- Creation of the aftersales department
- >200 workers
- International expansion -> dealer network

2015-2017
- Development and improvement of new products
  - SIMESTRACK
  - MAGSIM
  - MINESIM
  - 4x4
  - SNOWPLOW SIM
  - MORTAR CARRIER SIMULATOR

2018
- Improvement of products
  - LOGSIM
  - SNOWSIM
  - TRAINING MANAGER
  - VR / MR / AR Lab
  - Factory in Brazil
  - ...
WHAT WE DO?

TRAINING SOLUTIONS
Simumak offers initial and continuous training focused on learning new skills and updating the knowledge already acquired.

QUALIFYING SOLUTIONS
Simumak offers solutions for safety training and efficient driving based on a certain level required to professional drivers of heavy vehicles.

CERTIFICATION SOLUTIONS
Simumak proves the acquisition of the level required by an entity to drivers and operators to manipulate machines or driving vehicles.

OCCUPATIONAL RISKS PREVENTION SOLUTIONS
Simumak provides the necessary awareness to promote safety and health of workers through the identification, assessment and control of occupational risks associated to the work environment.

MARKETING SOLUTIONS
Simumak develops attractive solutions to capture the interest of the public and to increase the differential value of a Brand regarding to its competitors.

ENTERTAINMENT SOLUTIONS
Simumak allows to live through attractive experiences to the user through exercises and virtual environments in their simulators specialized in offering distraction and fun.

INSTRUCTION AND MILITARY DOCTRINE SOLUTIONS
Simumak allows to follow and learn military doctrines with which to establish, strengthen and preserve the concepts and principles learned reacting strategically.

BUSINESS SOLUTIONS
Simumak develops customized solutions adapted to its clients’ needs, offering and added value to their business models.
OUR PRODUCTS

CONSTRUCTION

- BHL Maqsim
  Backhoe Loader
- WLS Maqsim
  Wheeled Loader
- Liftsim
  Forklift truck
- 360W Maqsim
  Wheeled Excavator
- 360T Maqsim
  Tracked Excavator
- Manisim
  Telescopic Handler

MINING

- BD Maqsim
  Bulldozer
- Jumbo
  Rocket Boomer E2C
- LHD
  Underground Truck
- RD Maqsim
  Rigid Dumper
- AD Maqsim
  Articulated Dumper
- LHD
  Underground Loader

DEFENSE AND SECURITY

- MORTAR Carrier
  ALAKRAN Mortar carrier simulator
  4x4 vehicle
- Vortex
  EOD Robot
OUR PRODUCTS

OUR SIMULATORS ALLOW

- Getting used to the vehicle handling
- Learning the basic maneuvers to obtain the driving license
- To be exposed to adverse situations without risk
- To face different scenarios and weather conditions

ADVANTAGES

- It increases user’s confidence
- It improves the quality in the learning process
- It increases the concepts retention across the exercises’ reiteration
- It improves user’s safety by practicing risk situations
OUR PRODUCTS

PORTABLE VR
- Plug&Play
- Portable
- Mixed Reality

SILVER
- Mid immersion
- 2DOF Motion Platform optional
- Real vehicle components

GOLD/+VR
- Mid immersion
- 3DOF Motion Platform
- Real Vehicle components
- Mixed Reality module optional

PLATINUM
- High immersion
- 3DOF Motion Platform
- Real Vehicle components
OUR PRODUCT ENVIRONMENT

- Simulator Station
  - Instructor Station
  - Training Manager
  - Socrates
- Lesson monitoring
- Events Handling
- Exercise creation
- Simulator control & activation
- Aftersales support
- Students database
  - Simulator session database
  - Pedagogical content managing
PRESENTING AT DSC 2019: SIMESBIKE VR

- HIGH INMERSION
- VR OR SCREEN
- COMPACT HW
- SMART DYNAMICS
- 2DOF MOTION
- ACTIVE HANDLEBAR
- DESIGNED FOR TRAINING
PRESENTING AT DSC 2019: SIMESBIKE VR

SEVERAL SCENARIOS

SEVERAL METEO AND ROAD CONDITIONS

DESIGN YOUR OWN EXERCISES

PARAMETRIC DYNAMICS SYSTEM

INTEGRATED REPORTS
THANKS FOR RIDING!