



THE **NALEDI3d** FACTORY

■ VR in Africa, for Africa, by Africa





ABOUT THE **NALEDI3d** FACTORY

Founded in 2000, the Naledi3d Factory was one of the first companies to join the Innovation Hub in Tshwane (Pretoria).

We have over twenty years of experience in building 3D visual content using virtual reality (VR) and pioneering the use of VR in uplifting our poorer communities across Africa.

Our delivery of VR and Augmented Reality (AR) interactive applications and solutions spans multiple industries and sectors in improving our client's business processes and people.



Over **20 years** experience in the building of visual content using virtual reality (VR)



Have serviced clients in over **30 countries**



Over **hundreds of VR solutions** developed



An EME (Exempt Micro Enterprise) and is a **Level 2 B-BBEE company**





COMPANY INTRODUCTION

The Naledi3d Factory is unique world-wide in its work exploring the use of Virtual Reality to communicate concepts to people in emerging communities and have developed an enviable track record in this area.



WHAT WE DO

Virtual Reality to communicate concepts and practices in a wide range of disciplines including industrial training and safety awareness, health, heritage and security.



WHY WE DO IT

VR is a powerful way to communicate ideas and concepts and allows us to create content that is both content and context rich – content that also engages the end-user.



HOW WE DO IT

We bring this powerful interactive 3D medium to most desktop and notebook PC's, tablets and smartphones – and hence, to virtually any community across Africa.

SOLUTIONS AND SERVICES

Our solutions cover fully interactive **AR/VR/MR (XR)** applications and simulations; on platforms ranging from mobile and tablet to desktop and notebook devices, but also immersive VR headset applications – and at the high-end, fully immersive large screen systems.



VIRTUAL AND AUGMENTED REALITY

We use VR and AR to communicate concepts and practices in most disciplines. Much of our past work has also impacted on upliftment in disadvantaged communities.

We design and develop original VR / AR experiences and industry solutions that can also build on your existing brand and IP.



3D ANIMATION

Using the power of 3D to **SHOW** how processes or systems work – for example, how the SI system is important in getting agricultural produce or manufactured goods from Africa into global markets.



360° VIRTUAL TOURS AND DIGITAL TWINS

Naledi3d Factory offers a unique way to showcase any property – real estate, hospitality, retail, sports, arts and culture – and more.

Covering South and Southern Africa, we use Matterport's latest 3D capture scanners and hosting services to offer you the best experience – and a professional image that helps grow your brand.

You can experience 360° virtual tours on personal computers, mobile devices such as smartphones, or head-mounted displays.

We can create your own 360° virtual tour or digital twin

- Heritage, Museums and Archaeology
- Retail spaces— Store layout, induction and e-tailing
- Real Estate and Property Sales
- Commercial real estate and Property letting
- Marketing
- Tourism, Travel and Hospitality
- Insurance
- Facilities Management

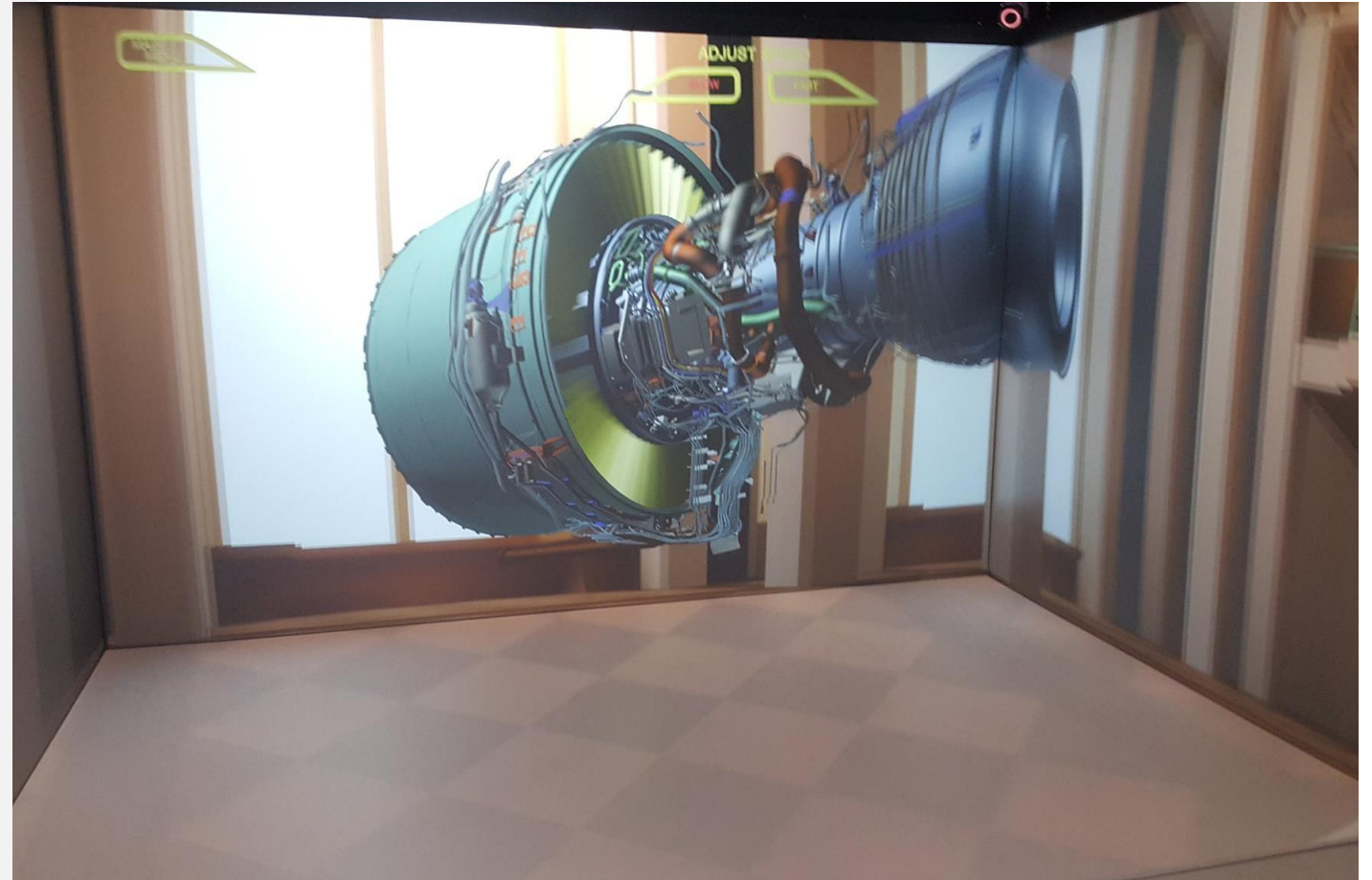


OUR VISION

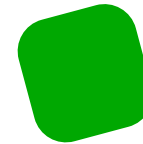


THREE POINT VISION

- To be the most respected VR and 3D multimedia knowledge company in Africa and, by working in the knowledge paradigm, to develop international partnerships and build a global reputation for our work in Africa.
- To support our industries and state entities with VR and AR in their endeavours to adopt Industry 4.0 dynamics into their workflow and business processes
- To harness the visually interactive nature of Virtual Reality to communicate ideas and concepts that will address the education and training needs of our diverse communities – and to help overcome the literacy and language barriers that limit learning. In this way, to help people to bridge the skills and knowledge divide



OUR **MISSION**

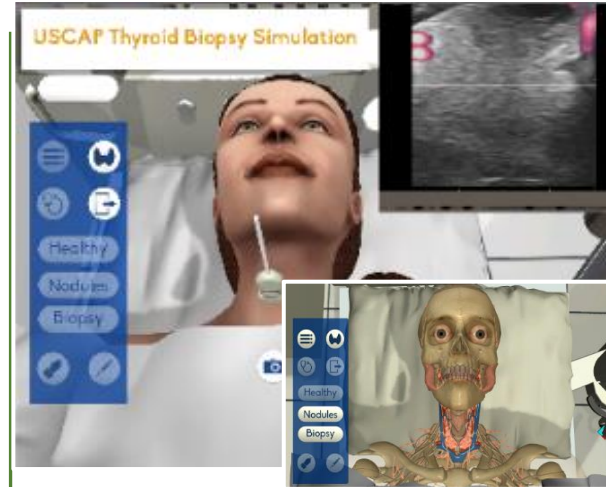
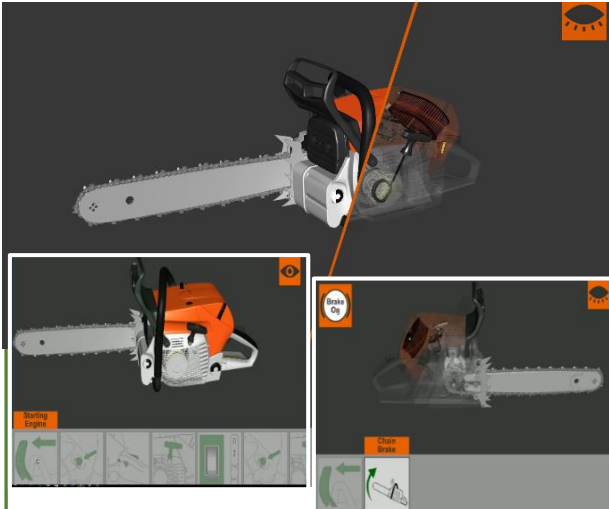
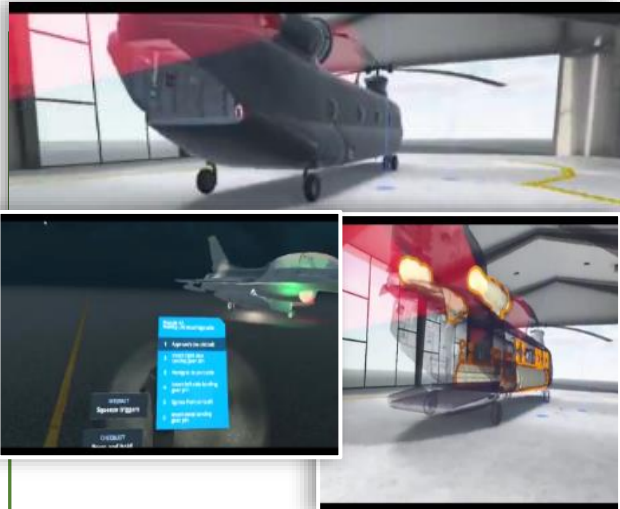


Building on our technologies and competencies to create value for our customers.

We achieve this by focusing on the intersection of our client's emerging needs and the acceleration of business and technological change.



SAMPLE **PROJECTS**



Chinook Maintenance Defence & Aviation 2018

Immersive HMD (HTC-Vive) - VR
manuals maintenance system

Chainsaw Operations UNIDO – Agriculture & Forestry 2018

Mobile / Tablet / PC
Menu-based training

Biopsy Procedure

**USA-Canadian Association of
Pathology (USCAP) – Health &
Medicine 2018**

PC extended display – procedural
training with sensor/joystick
interactivity

Demystifying COVID-19

UNESCO 2020

3D Animation video – public
information broadcasting and
marketing

PLATFORMS

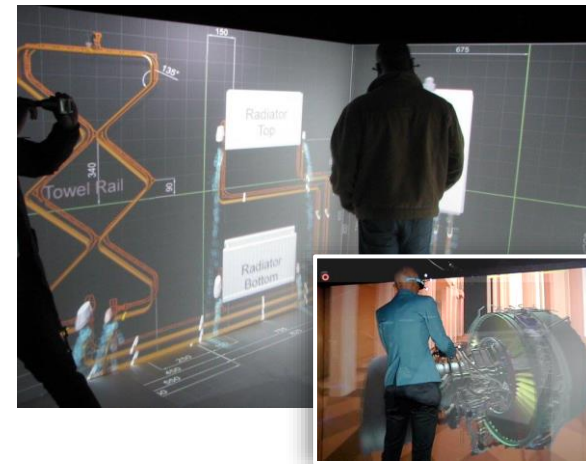
We develop for multiple platforms



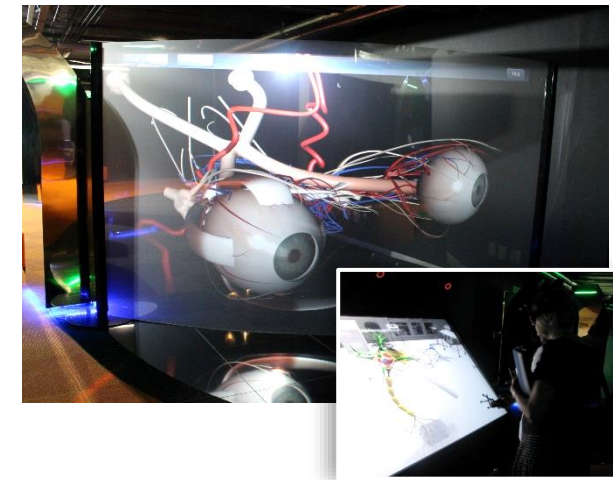
Mobile & PC



HMD & headsets



Immersive Cubes

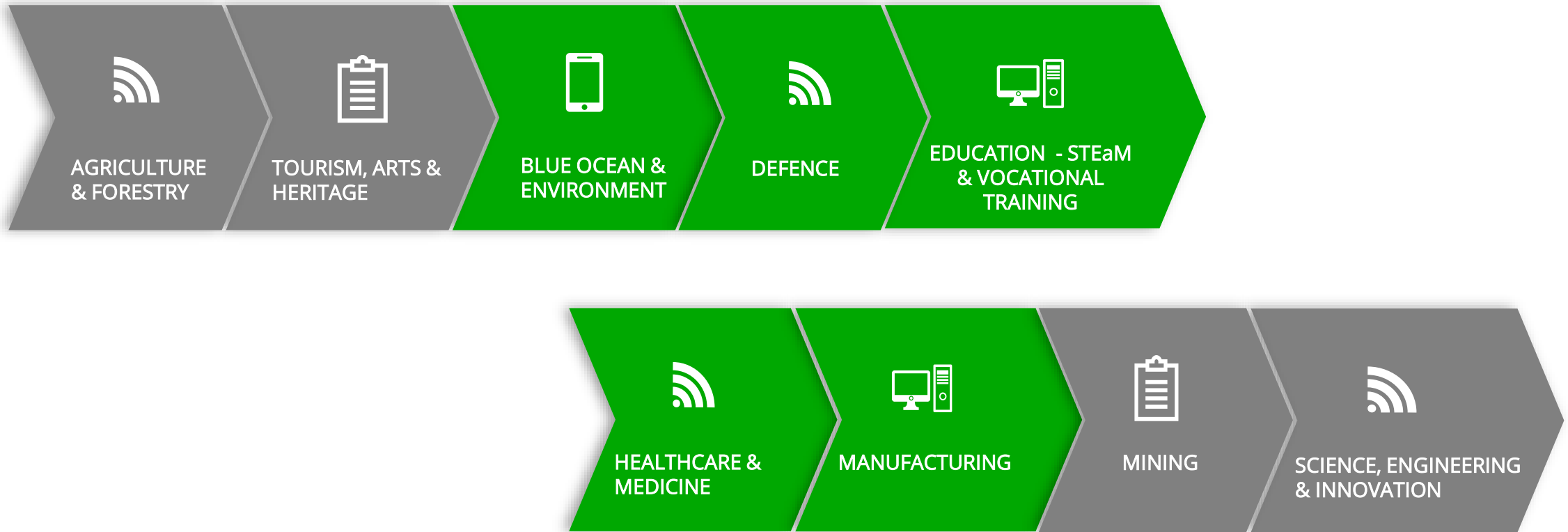


Holographic & other
Extended Displays

SECTORS **SERVICED**



Building on our experience over two decades and more, we focus on the areas that we know can have the biggest impact on South Africa and Africa's social and economic development and growth priorities:



AGRICULTURE
& FORESTRY

TOURISM, ARTS &
HERITAGE

BLUE OCEAN &
ENVIRONMENT

DEFENCE

EDUCATION - STEaM
& VOCATIONAL
TRAINING

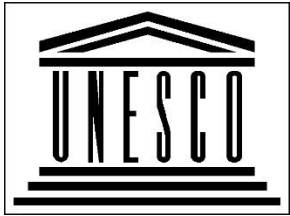
HEALTHCARE &
MEDICINE

MANUFACTURING

MINING

SCIENCE, ENGINEERING
& INNOVATION

OUR CLIENT BASE



a world class African city





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