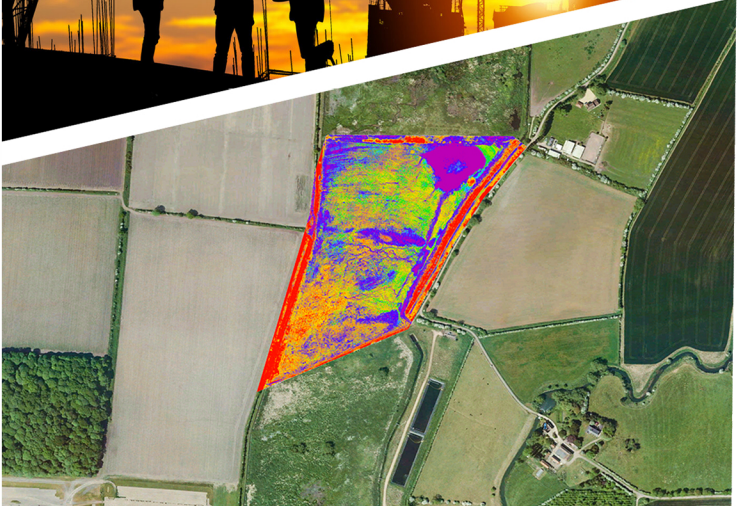
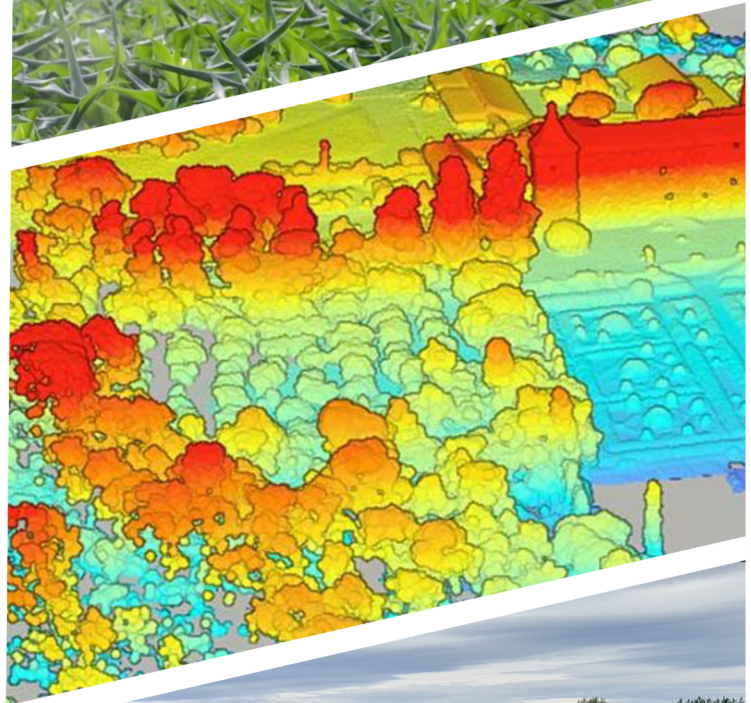
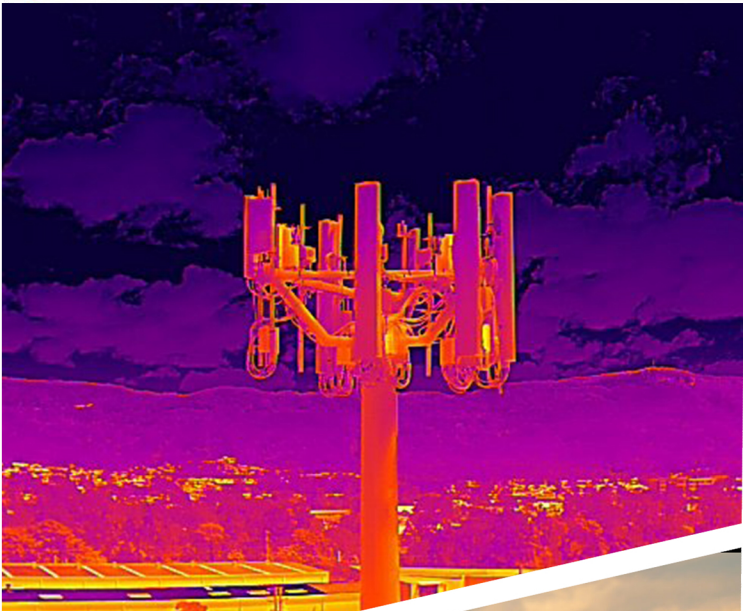


COMPANY PROFILE



LOOK AT THE BIGGER PICTURE





Hi-res digital mapping, we are committed to elevating standards and reshaping perspectives through advanced UAV solutions that enhance growth, improve efficiency, and support sustainable development.



COMPANY PROFILE

ABOUT US

HI-RES is a Ugandan technology startup that has been advancing drone technology with integrated remote sensing capabilities since 2018, focused on collecting data on objects or areas from a distance, and is positioned to deliver professional services across a wide range of sectors including real estate, construction and engineering, mining, banking and insurance, forensic science, physical planning, and environmental science.

TECHNOLOGY DESCRIPTION

To redefine drone technology by unlocking new possibilities and transforming industries through innovation, reliability, and excellence.

Remote sensing is the collection of data about an object or area without physical contact, enabling accurate analysis from a distance.

Humans see in 3D because the brain merges images from both eyes, creating depth perception and a 3D/360 view. Traditionally, this has been done using manned aircraft and satellites.



CORE VALUES

These principles drive us forward, inspire continuous improvement, and unite us in a shared vision of a world transformed by drone technology.

Our values are;



INNOVATION



CUSTOMER-CENTRICITY



INTEGRITY



EXCELLENCE



SUSTAINABILITY

The above values are the principles that drive us forward, inspire us to be better, and unite us in our shared vision of a world transformed by drone technology.



SECTORS WE SERVE

Our tailored drone solutions cater to a diverse range of industries and stakeholders, including;



**SECURITY &
DEFENSE**



**AGRICULTURAL &
ENVIRONMENTAL**



**ENGINEERING &
CONSTRUCTION**



**MINNING AND
EXPLORATION**



**INFRASTRUCTURE
MANAGEMENT**



CONSULTANCY

OUR SERVICES



AERIAL SPRAYING AND SPREADING FOR COMMERCIAL FARMS

Optimizing agricultural productivity and sustainability through precision aerial spraying and spreading services.



TOPOGRAPHIC AND AERIAL SURVEYS

Providing accurate topographic and aerial surveys for engineering, geological, cadastral, and construction projects



MINERAL EXPLORATION

Enhancing mineral exploration through advanced geospatial mapping, remote sensing, and drone-based surveys to identify potential mineral deposits accurately and efficiently.



MAGNETIC SURVEY

Non-invasive detection of underground structures and materials.



OUR SERVICES



AERIAL SURVEILLANCE FOR DEFENSE AND SEARCH AND RESCUE

Enhancing security and safety with advanced aerial surveillance solutions for defense, security, and search and rescue operations



ASSET INSPECTION AND MONITORING

Utilizing drones for the inspection and monitoring of critical infrastructure, including solar farms, dams, bridges, power lines, and more.



BATHYMETRY SURVEYS FOR OFFSHORE ENGINEERING PROJECTS

Conducting precise bathymetry surveys to support offshore engineering projects and marine research.



KEY PROJECTS

MINNING	ENGINEERING	OTHER
MWERASANDU TIN MINE topographic and GPR	GKMA Road Mapping 400+ km road mapping project funded by the World Bank	Kitezi Landfill Aerial Mapping and analysis
Abim Mineral Survey Airborne magnetic survey	Wakiso PDP physical development planning support	Northern Bypass Digital traffic study
Punia DRC Tin exploration project (magnetic and topographic survey)	KARUMA BRIDGE JICA feasibility mapping support	Rwenzori Cable Car LiDAR survey for UWA
	Isimba Dam Topographic and bathymetric survey	Goli-Kisangani 900 km LiDAR corridor survey

TEAM COMPETENCES

**UN MANNED SYSTEM
SPECIALIST**

GIS EXPERT

GEOMATICS EXPERT

CAD SPECIALIST

GEOLOGIST /GEOPHYSIST





CONTACT US

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