

# Company Profile



**INTERLAUNCH  
INDUSTRIES**

[www.interlaunch.co.za](http://www.interlaunch.co.za)

## EXCELLENCE IN GEOSPATIAL SOLUTIONS



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SCANNING AND SECURITY  
GIS & ORTHOPHOTOGRAPHY  
AERIAL MAPPING | AERIAL LIDAR  
CONVENTIONAL & AERIAL SURVEY  
THERMAL SERVICES | AUV/DRONES

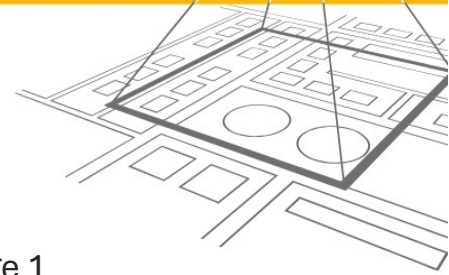


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created by: [design4africa.com](http://design4africa.com)



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## Our Locations

### WITBANK

Nita Avenue, Del Judor,  
eMalahleni, Witbank, 1045

### KWAZULU NATAL

Unit 1345, Langalibalele Street  
Estcourt, KwaZulu-Natal 3310



## Our Addresses & Contacts

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## About Us

Interlaunch Industries is the top provider of advanced geospatial solutions in South Africa. With over 5 years of industry experience, our highly qualified and SACAA-certified team is committed to delivering precision and reliability in aerial mapping, LiDAR and thermal imaging, GIS and orthophotography, scanning and security, conventional and aerial survey services, and UAV/drone services. Our innovative technology and expertise empower governments, municipalities, firms, and mines to make informed decisions, enhance project outcomes, and drive sustainable development. Partner with Interlaunch Industries today and elevate your project outcomes with our cutting-edge solutions. Contact us now to learn how we can help you achieve your goals.



## Industries We Serve

Interlaunch Industries is dedicated to delivering exceptional results across a variety of industries. By leveraging our comprehensive services, we ensure that every project benefits from our expertise, precision, and innovative solutions. Here's how we serve different sectors:





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## ✓ Oil & Gas



- **Example Challenge:** Navigating the complexities of oil and gas exploration and production while managing environmental impact.
- **Our Solution:** Our aerial mapping, LiDAR, and thermal services offer precise topographic data and thermal imaging to identify potential drilling sites and monitor pipeline integrity. These services ensure efficient resource extraction and minimize environmental risks. Additionally, our scanning and security services enhance site safety and operational efficiency.

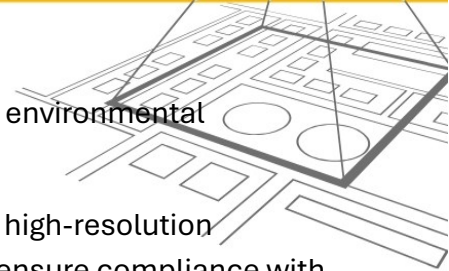
## ✓ Waste Management



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- **Common Problem:** Managing waste effectively while complying with environmental regulations.
- **Our Approach:** We provide detailed environmental assessments and high-resolution orthophotography to monitor landfill sites, track waste disposal, and ensure compliance with regulations. Our GIS and mapping services support efficient waste management practices and environmental conservation efforts.

## ✓ Mining & Security



- **Typical Issue:** Ensuring safety and efficiency in mining operations amidst challenging conditions.
- **Our Response:** Utilizing drone technology and 3D laser scanning, we conduct comprehensive site inspections, monitor stockpile volumes, and enhance security measures. Our conventional and aerial survey services provide precise data to optimize mining operations and maintain safety compliance.

## ✓ Renewable Energy

- **Usual Hurdle:** Planning and implementing renewable energy projects with precision and efficiency.





- **Our Strategy:** We support renewable energy projects with aerial mapping, GIS, and orthophotography to plan and monitor solar farms, wind turbines, and other renewable energy installations. Our services ensure accurate data collection and analysis for successful project execution.

## ✓ Facilities Maintenance

- **Frequent Challenge:** Maintaining and managing facilities efficiently to reduce operational costs.
- **Our Solution:** We deliver precise 3D models and thermal imaging to assess building performance, identify maintenance needs, and improve operational efficiency. Our scanning and security services provide detailed data for better facility management.

## ✓ Flood & Weather Analysis

- **Recurring Issue:** Accurate flood risk assessment and weather monitoring for disaster response planning.
- **Our Tools:** Our LiDAR and thermal services offer high-resolution topographic data and thermal imaging to support flood risk assessment, track weather patterns, and aid in disaster response planning. Our GIS technology provides comprehensive data analysis for effective risk management.





## ✓ Municipal & Government

- **Urban Planning Concern:** Developing urban infrastructure and managing environmental resources effectively.
- **Our Contribution:** We offer comprehensive GIS, mapping, and surveying services to assist in urban planning, infrastructure development, and environmental conservation projects. Our solutions support informed decision-making and sustainable development.

## ✓ Construction



- **Project Management Problem:** Ensuring accurate planning, design, and monitoring of construction projects.
- **Our Support:** Our conventional and aerial survey services provide detailed topographic and boundary surveys, 3D site modeling, and progress monitoring to support construction projects from start to finish. Our drone technology enhances project oversight and accuracy.

## ✓ Agriculture

- **Agricultural Challenge:** Managing resources, monitoring crop health, and optimizing yields efficiently.





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- **Our Assistance:** We utilize drone technology and GIS to conduct crop health analysis, monitor irrigation systems, and assess soil conditions. Our services help farmers make informed decisions and improve productivity.

## ✓ Transportation



- **Infrastructure Issue:** Planning and maintaining transportation networks with precision.



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- **Our Role:** Our aerial mapping and LiDAR services provide accurate data for planning new roads, bridges, and other transportation infrastructure. Our solutions support the monitoring and maintenance of existing transportation networks.

## ✓ Environmental Conservation

- **Conservation Effort:** Monitoring ecosystems, tracking wildlife, and managing natural resources.
- **Our Contribution:** We offer detailed mapping, LiDAR, and thermal imaging to support conservation efforts, monitor changes in vegetation, and track wildlife habitats. Our services aid in the sustainable management of natural resources.

## ➔ Our Vision



To be the leading provider of advanced geospatial solutions across Africa, setting new benchmarks in precision, innovation, and customer satisfaction.

By continuously evolving and adapting to the dynamic needs of the market, we strive to:

- **Aerial Mapping:** Lead in delivering high-resolution aerial imagery and data to support urban planning, environmental monitoring, and infrastructure development.
- **LiDAR and Thermal Imaging:** Excel in providing cutting-edge LiDAR and thermal imaging services that enhance safety, operational efficiency, and environmental management.
- **GIS and Orthophotography:** Become the most trusted source for comprehensive GIS and orthophotography solutions, ensuring accurate spatial analysis and decision-making.
- **Scanning and Security:** Pioneer innovative scanning and security solutions that drive performance, safety, and resource management.
- **Survey Services:** Offer precise conventional and aerial survey services that support land development, construction, and resource management.





- **UAV/Drone Services:** Excel in utilizing UAV/drone technology to deliver reliable data and insights for diverse applications.

We envision a future where our integrated geospatial services significantly contribute to the success and growth of our clients. By fostering long-term partnerships, we aim to make a positive impact on the communities we serve, driving progress and sustainability through our expertise and dedication.

## ➔ Our Mission



Interlaunch Industries is committed to delivering precise and reliable geospatial data to support informed decision-making, enhance project outcomes, and contribute to the sustainable development of Africa. To achieve our vision, we focus on the following key activities in our day-to-day operations:

### 1. Utilizing Advanced Technology:

- We consistently invest in the latest geospatial technologies, including LiDAR, thermal imaging, and UAV/drone systems, to provide our clients with cutting-edge solutions.

### 2. Ensuring Quality and Accuracy:

- Our rigorous quality assurance processes ensure that all data we collect and analyze meets the highest standards of accuracy and reliability, supporting our clients' project needs.

### 3. Fostering Innovation:

- We encourage continuous innovation by staying abreast of industry trends and incorporating new methodologies to improve our services and deliver innovative solutions to our clients.

### 4. Building Strong Client Relationships:

- We prioritize customer satisfaction by maintaining open communication, understanding our clients' unique needs, and delivering tailored solutions that drive their success.





## 5. Promoting Sustainable Practices:

- Our commitment to sustainability is reflected in our operations and the services we provide, helping our clients implement environmentally responsible projects and practices.

By focusing on these key activities, Interlaunch Industries ensures that we not only meet our current goals but also lay the groundwork for future growth and success. Our day-to-day dedication to quality, innovation, client relationships, and sustainability drives us toward our vision of being the leading provider of integrated geospatial solutions in Africa.

## ➔ Core Values

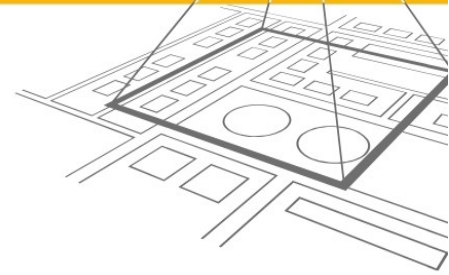


At Interlaunch Industries, our core values underpin every facet of our operations, driving us to provide outstanding service and uphold the utmost standards of professionalism.

- **Excellence:** We are dedicated to delivering the highest quality services and solutions, ensuring accuracy and reliability in all our work.
- **Innovation:** We embrace advanced technology and innovative methodologies to provide state-of-the-art geospatial solutions.
- **Integrity:** We uphold the highest standards of professionalism, ethics, and transparency in all our dealings.
- **Customer Focus:** We prioritize the needs of our clients, delivering tailored solutions that meet their unique requirements. **Teamwork:** We value collaboration and teamwork, fostering a supportive and inclusive work environment.
- **Sustainability:** We are committed to promoting sustainable development and environmental stewardship through our services.

These values form the foundation of our commitment to excellence, guiding our actions and decisions to consistently meet and exceed the expectations of our clients.



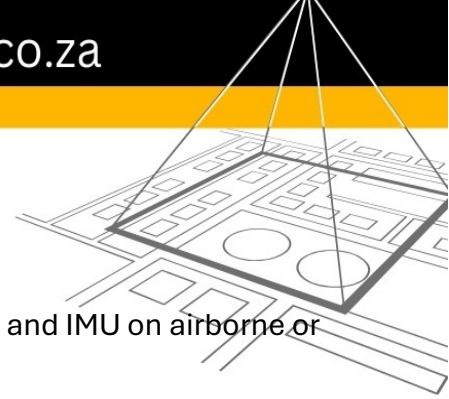


## ➔ OUR SERVICES

### 1. Aerial Mapping Services

Unlock the potential of your projects with Interlaunch Industries' unparalleled aerial mapping services. Our expert team utilizes advanced photogrammetry integrated with precise GPS and IMU systems to provide high-quality geospatial data. This sophisticated technology is crucial for clients requiring accurate terrain models, property demarcations, and environmental assessments. With our innovative approach, we ensure every project, from urban development to natural resource management, is built on a foundation of reliable information. Choose Interlaunch Industries and experience excellence in aerial mapping.





## Technology, Methodologies, and Outputs

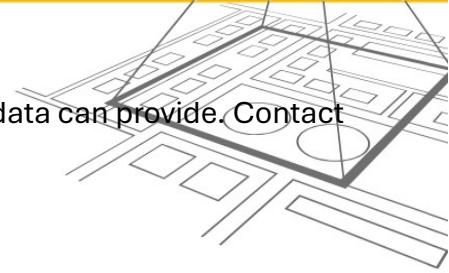
- **Photogrammetry Integration:** We employ photogrammetry with GPS and IMU on airborne or UAV platforms to ensure precise data collection.
- **Model Generation:** Our team creates Digital Terrain Models (DTMs), Digital Elevation Models (DEMs), Digital Surface Models (DSMs), and Triangulated Irregular Networks (TINs) to offer versatile terrain data for various applications.
- **Orthomosaic Creation:** We produce high-resolution orthomosaics for comprehensive land use visualization, aiding in accurate planning and development.
- **Mapping for Subdivision:** Our technology provides precise mapping for property line demarcation, essential for legal and developmental purposes.
- **Volume Measurement:** Through advanced mapping, we calculate volumes for stockpiles and landfills with precision, supporting efficient resource management.

## What We Can Do for You

- **Transform Complex Data:** Convert intricate geographic data into clear insights, such as mapping informal settlements for enhanced service delivery in South African townships.
- **Support Urban Planning:** Assist municipalities in planning new housing developments, ensuring optimal land use in growing cities like Johannesburg and Cape Town.
- **Ensure Legal Accuracy:** Provide precise property boundaries to resolve land disputes or for legal documentation during land reform processes.
- **Optimize Resources:** Help mining companies manage stockpiles more efficiently, reducing waste and improving safety compliance.
- **Environmental Analysis:** Offer detailed mapping to track changes in vegetation and land use for conservation projects in regions like the Kruger National Park and coastal ecosystems.

Interlaunch Industries doesn't just provide aerial mapping services; we deliver the foundation for informed decision-making. Our services are designed to meet the diverse needs of South Africa and the broader African market, from urban development to environmental stewardship. Ensure your

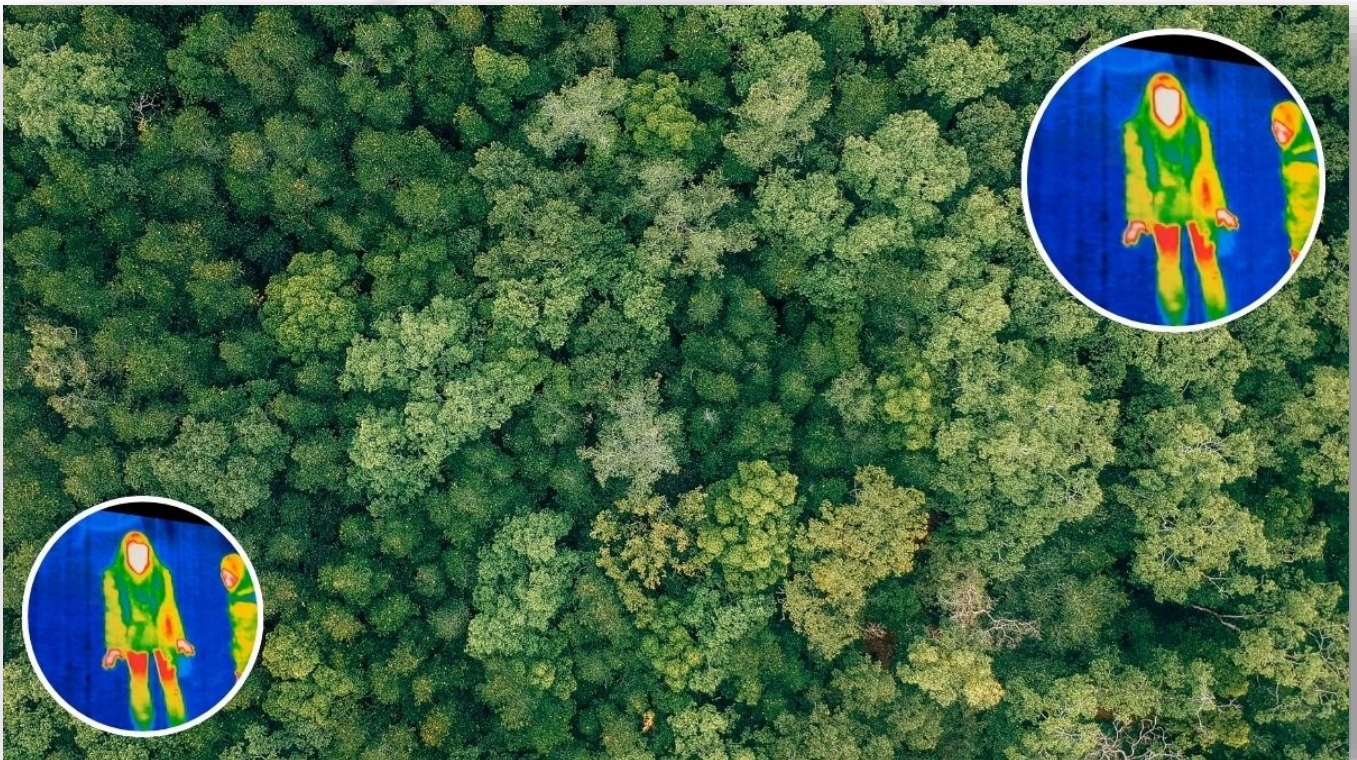


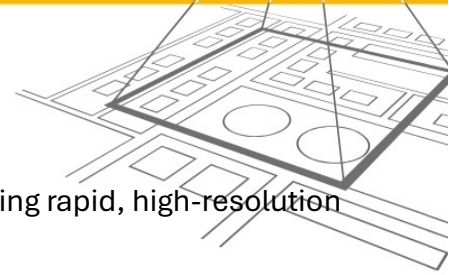


project benefits from the precision and insight that only detailed geospatial data can provide. Contact us today to elevate your outcomes with our innovative solutions.

## 2. Aerial LiDAR and Thermal Services

Discover unparalleled accuracy with Interlaunch Industries' cutting-edge aerial LiDAR and thermal services. Our team of highly qualified and SACAA-certified professionals utilizes state-of-the-art LiDAR technology and thermal imaging to provide high-resolution 3D topographic surface information. This advanced technology is crucial for clients requiring precise and rapid data collection for projects ranging from infrastructure development to environmental monitoring. Experience the reliability and precision of our aerial LiDAR and thermal services with Interlaunch Industries.





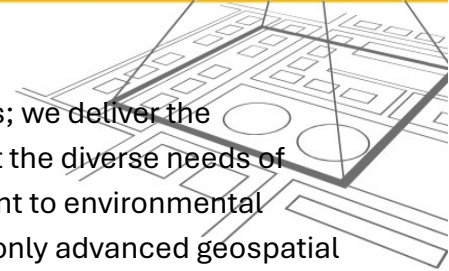
## Technology, Methodologies, and Outputs

- **LiDAR Technology:** We use laser pulses to measure distances, ensuring rapid, high-resolution 3D topographic data that is less sensitive to weather conditions.
- **Thermal Imaging:** Capturing temperature variations on the Earth's surface, our thermal imaging is ideal for identifying heat leaks, assessing building performance, and monitoring environmental changes.
- **Integration with Photogrammetry:** By combining LiDAR data with photogrammetric techniques, we enhance the accuracy and detail of our 3D models.
- **In-House Data Processing:** Our team acquires, processes, and validates LiDAR and thermal data sets in-house to guarantee quality and precision.
- **3D Point Clouds:** We create detailed 3D point clouds that offer a comprehensive view of the terrain and built environment.
- **Large Format Aerial Photographic Sensors:** Our large-format sensors enhance data collection, providing high-resolution imagery and detailed analysis.

## What We Can Do for You

- **Enhance Infrastructure Planning:** Provide precise 3D models and thermal data for planning new roads, bridges, and other infrastructure projects.
- **Monitor Environmental Changes:** Track vegetation health, soil erosion, and water bodies using thermal and LiDAR data to support conservation efforts.
- **Improve Building Performance:** Identify heat leaks and assess building performance to optimize energy efficiency and reduce costs.
- **Support Disaster Management:** Deliver accurate topographic data to aid in disaster response planning and risk assessment.
- **Optimize Resource Management:** Assist mining and agricultural industries in managing resources more effectively by providing detailed surface and subsurface data.



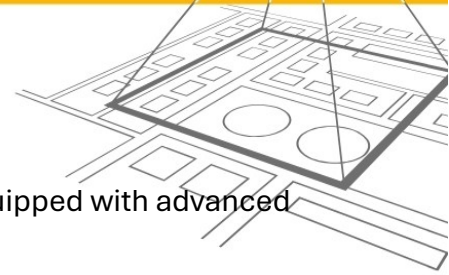


Interlaunch Industries doesn't just provide aerial LiDAR and thermal services; we deliver the foundation for informed decision-making. Our services are designed to meet the diverse needs of South Africa and the broader African market, from infrastructure development to environmental monitoring. Ensure your project benefits from the precision and insight that only advanced geospatial data can provide. Contact us today to elevate your outcomes with our innovative solutions.

## 3.AUV/Drones Services

Experience unparalleled data collection and analysis with Interlaunch Industries' advanced AUV and drone services. Our fleet of unmanned aerial vehicles, including multi-rotor and fixed-wing drones equipped with a variety of sensors, ensures precise and efficient image capturing. Our SACAA-certified pilots are among the most experienced in the country, guaranteeing the highest standards of safety and accuracy. Whether you need stockpile volumes measured, site inspections conducted, or 3D site modeling, Interlaunch Industries is your go-to service providers for all your UAV needs.





## Technology, Methodologies, and Outputs

- **AUV Technology:** Utilizing both multi-rotor and fixed-wing drones equipped with advanced sensors to capture high-resolution images and data.
- **GPS Integration:** Ensuring precise geolocation of data points for accurate mapping and analysis.
- **3D Modeling:** Creating detailed 3D models of sites for planning, construction, and facility management.
- **Orthophotography:** Producing high-resolution orthophotos that provide an accurate representation of the Earth's surface.
- **Thermal Imaging:** Using thermal sensors to identify heat leaks, monitor equipment performance, and assess environmental conditions.
- **Post-Processing Software:** Employing advanced software to analyze and interpret drone-captured data for comprehensive reporting.

## What We Can Do for You

- **Accurate Stockpile Volumes:** Measure stockpile volumes precisely to aid in resource management and inventory control.
- **Construction Progress Monitoring:** Provide detailed updates on construction progress, ensuring projects stay on schedule and within budget.
- **Site Inspections:** Conduct thorough site inspections to identify potential issues and ensure compliance with safety regulations.
- **3D Site Modeling:** Create accurate 3D models of sites for planning and development purposes.
- **Incident Inspections:** Quickly assess and document incidents to support investigation and resolution.
- **Marketing Video/Imagery:** Capture high-quality aerial footage and imagery for marketing and promotional purposes.





Interlaunch Industries goes beyond simply providing AUV and drone services; we offer a comprehensive approach to data collection and analysis that supports informed decision-making. Our services are designed to meet the diverse needs of South Africa and the broader African market, from construction to environmental monitoring. Elevate your projects with the precision and insight that only advanced drone technology can provide. Contact us today to discover how our innovative solutions can benefit you.

## 4. GIS and Orthophotography

Interlaunch Industries is your trusted partner for comprehensive GIS and orthophotography services. Our expert team uses advanced Geographic Information System (GIS) technology to gather, manage, and analyze geographic data, producing detailed maps and 3D scenes. By integrating high-resolution orthophotography, we provide accurate visual representations of the Earth's surface, aiding in various applications from urban planning to environmental management. Trust Interlaunch Industries to deliver precise and insightful geospatial solutions tailored to your needs.





## Technology, Methodologies, and Outputs

- **GIS Technology:** Utilizing advanced software to gather, manage, and analyze geographic data, producing detailed maps and 3D scenes.
- **Orthophotography:** Creating high-resolution orthophotos that offer an accurate and detailed representation of the Earth's surface.
- **Layered Data Visualization:** Displaying graphical information about the Earth's surface in multiple layers, facilitating comprehensive analysis.
- **3D Scene Creation:** Generating 3D scenes to visualize geographic data in a realistic and interactive manner.
- **Spatial Analysis:** Conducting spatial analysis to identify patterns, relationships, and trends in geographic data.
- **Data Integration:** Integrating various data sources to provide a holistic view of geographic information, enhancing decision-making processes.

## What We Can Do for You

- **Support Urban Planning:** Assist local municipalities in planning new housing developments, ensuring optimal land use and infrastructure planning in growing cities.
- **Enhance Environmental Management:** Provide detailed mapping and analysis to support environmental conservation projects, such as tracking changes in vegetation and monitoring wildlife habitats.
- **Facilitate Infrastructure Development:** Offer precise geographic data to aid in the planning and development of roads, bridges, and other infrastructure projects.
- **Improve Resource Management:** Help organizations manage natural resources more efficiently by providing accurate and detailed geographic information.
- **Support Emergency Response:** Deliver critical geographic data to support disaster response and risk management, enhancing preparedness and resilience.

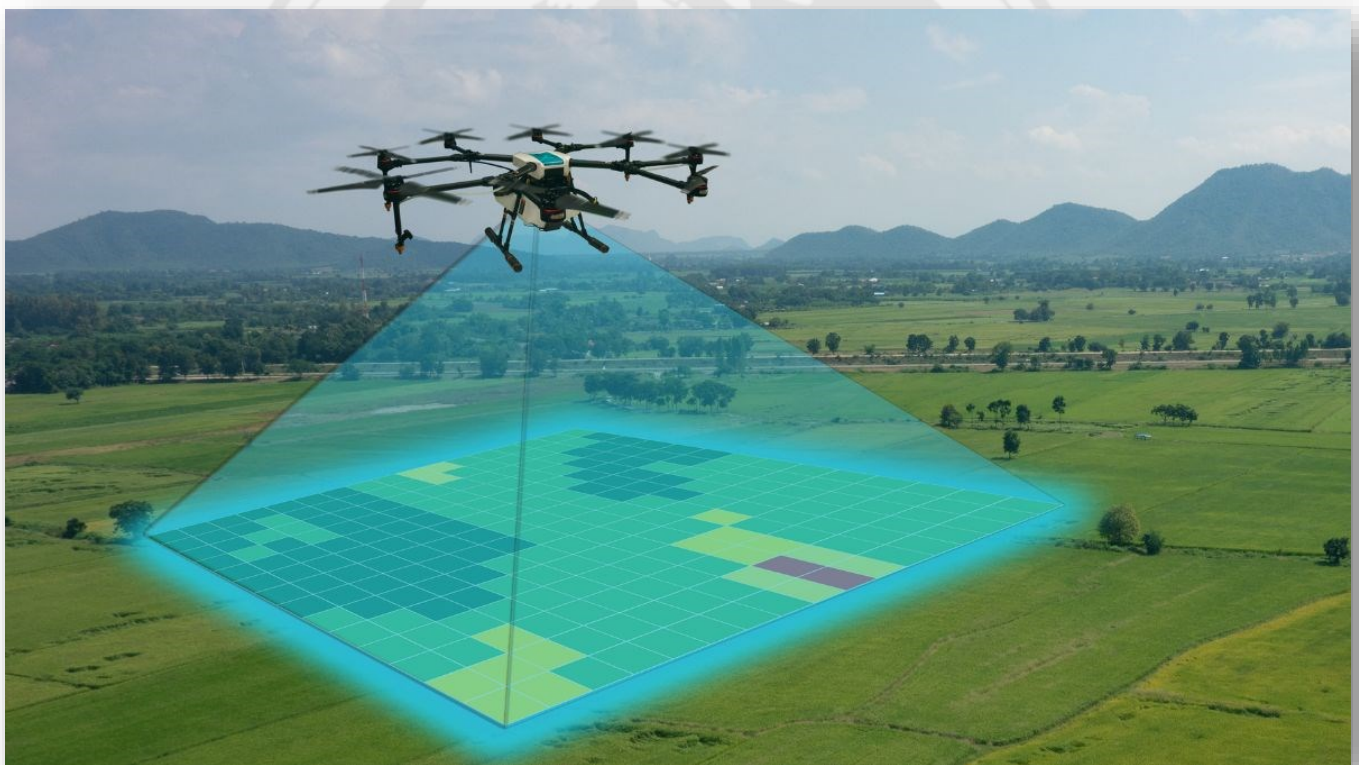


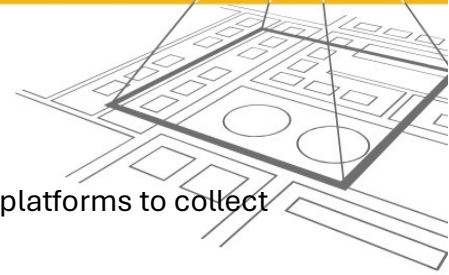


Interlaunch Industries doesn't just provide GIS and orthophotography services; we deliver the foundation for informed decision-making. Our services are designed to meet the diverse needs of South Africa and the broader African market, from urban planning to environmental management. Ensure your project benefits from the precision and insight that only advanced geospatial data can provide. Contact us today to elevate your outcomes with our innovative solutions.

## 5. Scanning and Security

Interlaunch Industries offers top-tier scanning and security services that combine precision with advanced technology. Our comprehensive 3D laser scanning platforms, including terrestrial, mobile, and aerial, ensure the fastest and most accurate data collection methods. Whether you need detailed point clouds for BIM, CAD, or other modeling software packages, our skilled team is ready to deliver high-quality results. Trust Interlaunch Industries for your scanning and security needs and experience unparalleled accuracy and reliability.





## Technology, Methodologies, and Outputs

- **3D Laser Scanning:** Utilizing advanced terrestrial, mobile, and aerial platforms to collect highly detailed 3D point clouds.
- **BIM Integration:** Providing 3D laser scans compatible with Building Information Modeling (BIM) software for accurate and detailed project models.
- **CAD and Other Software:** Delivering point clouds for use with various software packages, including AutoCAD, Revit, and SolidWorks, ensuring seamless integration into your workflow.
- **In-House Data Processing:** Acquiring, processing, and validating scanning data sets in-house to guarantee quality and precision.
- **Multi-Platform Scanning:** Offering flexibility with terrestrial, mobile, and aerial scanning solutions tailored to your specific project needs.
- **High-Resolution Imaging:** Capturing detailed images and data for precise modeling and analysis.

## What We Can Do for You

- **Enhance Construction Projects:** Provide accurate 3D scans for planning, design, and construction, ensuring all aspects of your project are based on precise data.
- **Improve Facility Management:** Deliver detailed 3D models for better management and maintenance of facilities, enhancing operational efficiency.
- **Support Infrastructure Development:** Offer comprehensive scanning solutions for roads, bridges, and other infrastructure projects, ensuring accurate data for planning and development.
- **Optimize Industrial Processes:** Assist in optimizing industrial processes by providing detailed scans for equipment monitoring and performance assessment.
- **Enhance Security Measures:** Implement advanced scanning solutions for security assessments, identifying potential vulnerabilities and improving overall safety.





Interlaunch Industries doesn't just offer scanning and security services; we provide the foundation for informed decision-making. Our services are designed to meet the diverse needs of South Africa and the broader African market, from construction to industrial applications. Ensure your project benefits from the precision and insight that only advanced scanning technology can provide. Contact us today to elevate your outcomes with our innovative solutions.

## 6. Conventional & Aerial Survey Services

For accurate and reliable survey solutions, Interlaunch Industries is your premier choice. Our comprehensive conventional and aerial survey services lay the foundation for strategic planning, design, and construction. We begin with boundary and topographic surveying, providing an accurate base for proper design. Our skilled team uses advanced technology to deliver precise and detailed survey data, ensuring that your projects are based on solid ground. Trust Interlaunch Industries to elevate your surveying needs.





## Technology, Methodologies, and Outputs

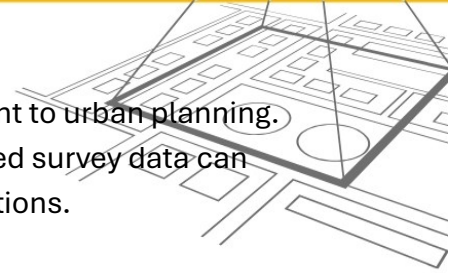
- **Boundary Surveying:** Accurately determining property lines and boundaries for legal and developmental purposes.
- **Topographic Surveying:** Providing detailed representations of the land's surface features, essential for planning and design.
- **Aerial Surveying:** Utilizing UAVs and other aerial platforms to capture high-resolution images and data for large areas efficiently.
- **Ground Control:** Establishing accurate ground control points to ensure the precision of survey data.
- **Geospatial Data Integration:** Integrating survey data with GIS and other geospatial technologies for comprehensive analysis.
- **3D Modeling:** Creating detailed 3D models of surveyed areas to aid in planning and development.

## What We Can Do for You

- **Support Infrastructure Development:** Provide accurate survey data for roads, bridges, and other infrastructure projects, ensuring they are built on a solid foundation.
- **Enhance Urban Planning:** Assist municipalities and developers in planning new housing and commercial developments with precise survey data.
- **Ensure Legal Compliance:** Deliver detailed boundary surveys to support land transactions, dispute resolution, and legal documentation.
- **Improve Construction Accuracy:** Offer topographic surveys to inform the design and construction process, reducing errors and improving efficiency.
- **Optimize Land Use:** Provide comprehensive survey data to help landowners and developers make informed decisions about land use and management.

Interlaunch Industries doesn't just provide conventional and aerial survey services; we deliver the foundation for informed decision-making. Our services are designed to meet the diverse needs of





South Africa and the broader African market, from infrastructure development to urban planning. Ensure your project benefits from the precision and insight that only advanced survey data can provide. Contact us today to elevate your outcomes with our innovative solutions.



## Softwares We Use in Projects

At Interlaunch Industries, we utilize a range of sophisticated software to deliver precise and reliable geospatial solutions. Our expertise in these tools ensures that we can effectively address the unique challenges of various industries. Here are the key software we use and how they contribute to our services:

### Pix4D:

We use Pix4D for creating high-precision 3D models, orthomosaics, and DEMs from drone imagery. This allows us to provide clients with detailed visualizations for project management in mining and construction, ensuring accurate and efficient planning.

### Agisoft Metashape:

Agisoft Metashape is our go-to for detailed photogrammetric processing. It enables us to deliver complex 3D spatial data for site analysis and corridor mapping, supporting infrastructure development and land surveying projects.

### Model Maker:

This software supports our terrain modeling efforts, which are vital for creating accurate digital terrain models used in land development and environmental studies. Model Maker helps us provide reliable data for sustainable project planning.

### AutoCAD:

We leverage AutoCAD for detailed 2D and 3D design work, integrating aerial data for precise construction and infrastructural planning. AutoCAD allows us to produce comprehensive designs that meet the exact specifications of our clients.





## Strayos:

Specializing in mining analytics, Strayos assists us in volume calculations and safety inspections. By providing real-time insights, Strayos enhances operational efficiency and safety compliance in mining operations.

## ArcGIS:

ArcGIS is essential for our geographic data management. It allows us to handle complex spatial analysis for urban planning and environmental assessments, ensuring that our clients receive accurate and actionable insights.

## QGIS:

As an open-source solution, QGIS helps us offer cost-effective GIS services. It is perfect for municipal or smaller-scale projects needing spatial data management, allowing us to deliver high-quality results without compromising on budget.

## LiDAR Terrain:

Our use of LiDAR Terrain software ensures we can process and model LiDAR data for high-resolution topographic analysis. This is crucial for projects in flood risk assessment or detailed land surveys, providing clients with precise and reliable data.

By integrating these advanced software tools into our workflow, Interlaunch Industries delivers comprehensive and effective solutions to meet the diverse needs of our clients. Our expertise in using these tools ensures that we can tackle real-life challenges with precision and efficiency.



## Our Target Market

Interlaunch Industries proudly serves a diverse clientele across the African continent, including government agencies, municipalities, corporations, and enterprises of all sizes. Our target market spans all provinces of South Africa and all African countries, providing advanced geospatial solutions tailored to the unique needs of each region. We are dedicated to supporting public and private sector organizations, including:





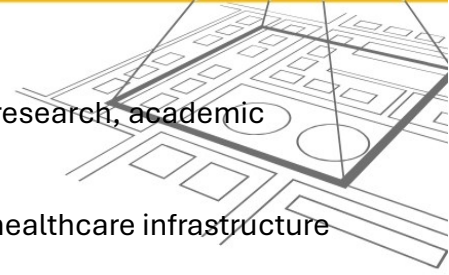
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- **Governments and Municipalities:** Enhancing urban planning, infrastructure development, and environmental management with precise geospatial data.
- **Corporations:** Supporting companies in industries such as oil and gas, mining, renewable energy, agriculture, and transportation with advanced mapping, surveying, and data analysis.
- **Mining Companies:** Providing comprehensive site inspections, resource management, and security solutions using drone technology and 3D laser scanning.
- **Agricultural Enterprises:** Assisting farmers with crop health analysis, irrigation monitoring, and soil condition assessment through drone technology and GIS.
- **Construction Firms:** Offering accurate topographic and boundary surveys, 3D site modeling, and progress monitoring to ensure successful project execution.
- **Environmental Organizations:** Assisting conservation efforts with detailed mapping, LiDAR, and thermal imaging to monitor ecosystems and manage natural resources.





- **Educational Institutions:** Providing geospatial data and analysis for research, academic projects, and campus planning.
- **Healthcare Facilities:** Supporting the planning and development of healthcare infrastructure with precise geospatial data.
- **Real Estate Developers:** Offering comprehensive mapping and surveying services to aid in property development and management.
- **Utilities and Energy Providers:** Enhancing resource management and infrastructure planning with accurate geospatial data.

Our comprehensive services empower clients to make informed decisions and achieve sustainable growth, making Interlaunch Industries the preferred choice for precision and reliability in geospatial data.

## ➔ Company History

Interlaunch Industries was founded in the year 2018 and was then officially registered in 2024 with a vision to provide innovative geospatial solutions across Africa. Starting as a small surveying firm in Mpumalanga, South Africa, we have grown into a leading provider of aerial mapping, LiDAR, and thermal imaging services. Over the years, we have expanded our services to include GIS and orthophotography, scanning and security, and conventional and aerial survey services. Our commitment to excellence, innovation, and customer satisfaction has driven our growth, and we continue to push the boundaries of geospatial technology to deliver precise and reliable data to our clients.

## ➔ Certifications and Accreditations

Interlaunch Industries is committed to maintaining the highest standards of quality and professionalism. Our certifications and accreditations include:

- **SACAA Certification:** Our UAV pilots are certified by the South African Civil Aviation Authority (SACAA), ensuring safe and compliant drone operations.
- **ISO 9001:** We are ISO 9001 certified, demonstrating our commitment to quality management and continuous improvement.





- **Level 1 B-BBEE:** As a Level 1 Broad-Based Black Economic Empowerment (B-BBEE) contributor, we support economic transformation and inclusion in South Africa.
- **Professional Affiliations:** We are members of various professional organizations, including the South African Geomatics Council (SAGC) and the International Society for Photogrammetry and Remote Sensing (ISPRS).

## ➔ Quality Assurance

At Interlaunch Industries, quality assurance is at the core of everything we do. Our rigorous quality management system ensures that all projects are completed to the highest standards of accuracy and reliability. We employ a comprehensive approach to quality control, including regular audits, peer reviews, and continuous training for our staff. By adhering to industry best practices and leveraging the latest technology, we deliver precise and dependable geospatial data that meets the needs of our clients.

## ➔ Health and Safety Policy

The health and safety of our employees, clients, and the communities we serve are of paramount importance to Interlaunch Industries. Our health and safety policy is designed to create a safe working environment and minimize risks associated with our operations. Key components of our policy include:

- **Safety Training:** Regular training sessions to ensure all employees are aware of and comply with safety protocols.
- **Risk Assessment:** Comprehensive risk assessments conducted for each project to identify and mitigate potential hazards.
- **Emergency Preparedness:** Clear emergency procedures and access to first aid resources on all job sites.
- **Compliance:** Adherence to local and international health and safety regulations, including the Occupational Health and Safety Act (OHSA) of South Africa.

Our commitment to health and safety ensures that we can deliver our services safely and responsibly, protecting our team and the communities in which we operate.

