



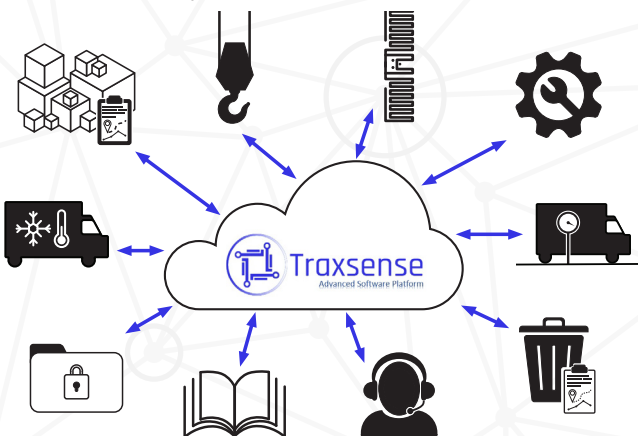
## Introduction

Rapid advances in technology over recent years combined with increased demands for efficiency and productivity has given rise to the fourth industrial revolution, also known as Industry 4.0. To drive the revolution in your own company, you need access to up to the minute reports and dashboard, generated from accurate data collected autonomously. This combined with analytics and machine learning helps the client to manage and monitor performance in real-time providing substantial benefits to clients and their respective customers.

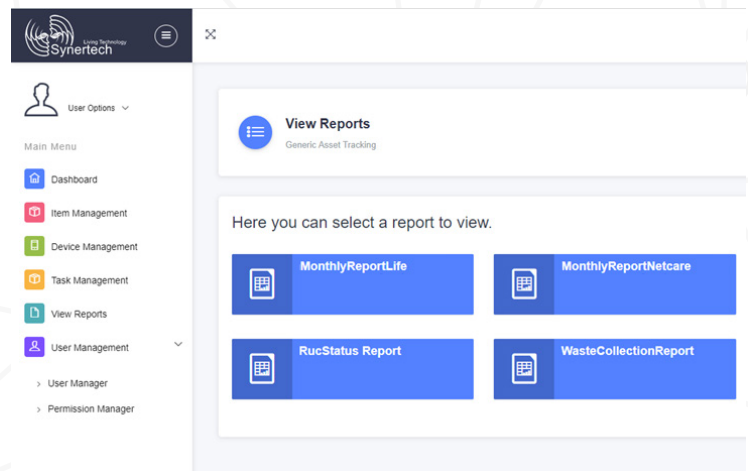
SynerTech have stepped up to the challenge to drive positive disruption in South Africa and developed a product which will be able to deliver on customer expectations across a multitude of industries, and provide scalability for any size organisation.

## Traxsense

SynerTech's Traxsense software platform brings to life innovative, automated monitoring and tracking solutions by providing clients with dashboards and analytics to easily track all assets and to monitor business performance indicators. Smart sensor enabled assets are transformed into intelligent data sources. These smart assets are connected in real-time which provides organisations with controlled and auditable IOT information. Traxsense not only provides for immediate management decisions, it also harnesses the power of data analytics for business optimisation.



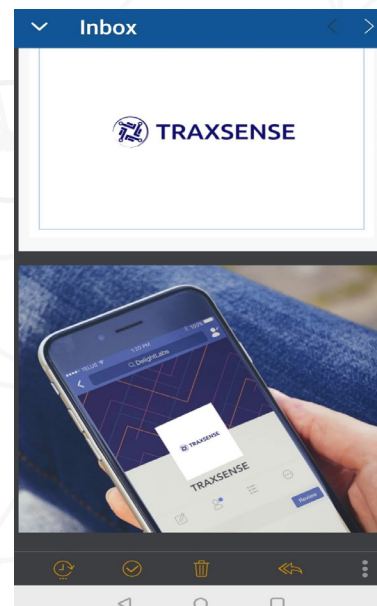
Traxsense: A Versatile Platform



Traxsense Dashboard

## Key Features at a Glance

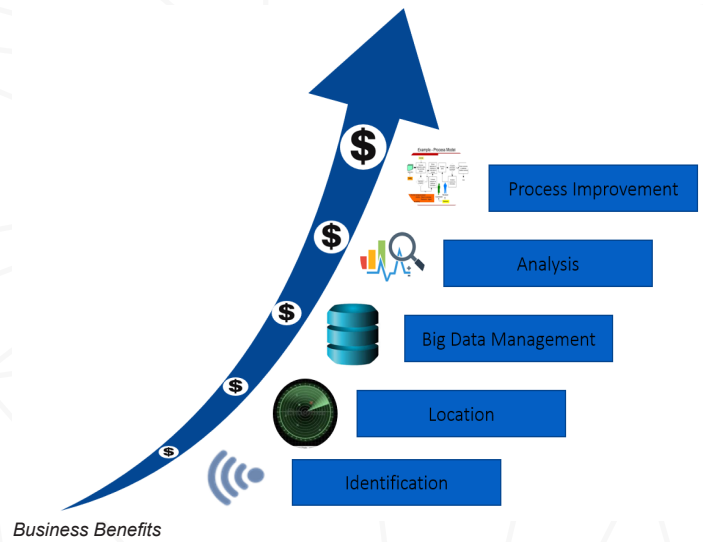
- A full featured modern web based integrated asset management solution
- Full auditing and accountability capabilities
- Full asset lifecycle management
- Web based document management and live reporting
- Supports both barcoding and RFID (UHF)



Traxsense Mobile App

## Business Benefits at a Glance

- **Live monitoring via Dashboards** - The ability to track and authenticate where an asset is in near-real time according to user-defined parameters such as restrictions on its movements within a facility or between departments etc.
- **Reporting** - The generation of reports based on user-defined requirements. Virtually any report can be drawn up based on the type of information required. Reports can be delivered via e-mail and printed, or integrated into other applications
- **Alerts and notifications** - Traxsense has the ability to notify nominated individuals or key personnel when an asset is moved out of a designated area or location, or when other user-defined parameters are invoked. Alerts can be sent out via SMS, e-mail or both based on defined roles and responsibilities, escalation procedures and other critical business control rules
- **System management** - A management module that provides an easy-to use interface for the management and administration of the system according to a wide range of user-defined parameters that also conform to auditing and risk management standards
- **System integration** - Integration into mainstream ERP systems in order to ensure that asset management complies with accounting and auditing functions
- **Integrated rules engine** - Providing the client with the ability to define rules for receiving advance notifications of process-flow deviations












## After-Sales Service

- **Warranty** – All systems are backed by a 12-month warranty on materials and workmanship commencing from date of delivery
- **Maintenance and support** - A range of technical support and maintenance options are available based on formal service level agreements
- **Training** - Various training options are available ranging from comprehensive classroom training to on-the job training. All systems are provided with training documentation

## Summary

Designed, developed and implemented by Synertech, a proudly South African company with nearly two decades of success is at the forefront of supplying innovative RFID technological solutions to clients across a broad range of industry sectors.



Traxsense and Traxsense Mobile Applications								
Dashboards and Reporting								
Configuration Manager		Process Optimisation		Distributed Big Data				
Rules Manager								
Big Data								
Work Flow Manager								
RFID Middleware Services Manager		Non-RFID AIDC Middleware Service Manager		Machine Learning				
RFID	Barcodes	Biometrics	Location	OCR	Telemetry	Other AIDC		
								

Traxsense Architecture and Hardware

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