

COMPANY PROFILE

Distributor of **top tier** Engine Control Systems



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ABOUT *US*

Established in 2004, ECS provides intelligent and innovative solutions to monitor the critical functions of engines.

Not only do we understand the importance of using the latest technology, best practices and recognized industry standards, but we also provide our clientele with a comprehensive suite of services. In addition, our field services division plays a vital role in customer service, offering technical backup to our customers, no matter where they are situated within South Africa. This holistic outlook enables us to improve the overall protection, performance, and reliability of all engines.

At our core, we focus on sourcing the best in-class OEM and specialized auto-electrical replacement components for the following industries:



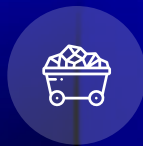
INDUSTRIAL



AUTOMOTIVE



MINING



**MINERAL
RESOURCES**



AGRICULTURE





VISION

Our vision is to be the preferred partner for engine control systems across the industrial, automotive, mining, marine, mineral resources, and agricultural sectors. We are committed to delivering tailored services to each of our customers, ensuring a comprehensive and exceptional offering.



MISSION

Development and forward-thinking innovation. To meet market changes, we constantly create new solutions, improve our existing products and maximize our manufacturing efficiency.



VALUES

In order to deliver premium value, we distribute outstanding products while providing a supreme service to all customers. We believe in developing long-term relationships whereby we can make a lasting, positive impact in the lives of our customers.

LEADERSHIP



Raynier de Beer
Managing Director
12 Years Experience



Jenny de Beer
Finance Manager
10 Years Experience



André Sutherland
General Manager
17 Years Experience



Kallie Oosthuizen
Projects Manager
17 Years Experience



Karen de Beer
Operations Manager
16 Years Experience



Noble Graham
Regional Manager for
Mpumalanga/Limpopo area
14 Years Experience



Brett Du Plessis
Regional Manager for
North West
17 Years Experience

OUR SERVICES

At ECS, we go beyond distributing top-tier engine control systems - we also provide a comprehensive suite of services.

Our field services division plays a vital role in customer service, offering technical back up to our customers no matter where they are situated within South Africa.

CUSTOM SOFTWARE DEVELOPMENT

Take your business to the next level with tailored technology solutions! Our custom software development service specializes in crafting innovative, reliable, and scalable software that meets your unique needs and goals. Our expert team will work closely with you to design, develop, and deliver software that exceeds your expectations. Let us help you harness the power of technology to achieve success.

FAULT FINDING AND DIAGNOSTICS

Identify, diagnose, and resolve problems with precision and speed! Our expert fault finding and diagnostics service uses cutting-edge tools and techniques to quickly pinpoint issues, determine root causes, and provide actionable recommendations for repair and prevention. Whether you're dealing with electrical, mechanical, or software faults, our team of specialists will help you get to the bottom of the problem and get your operations back on track.

FIELD SERVICES AND MAINTENANCE

Keep your equipment running smoothly and your operations humming with our expert field and service maintenance solutions! Our experienced technicians will come to you, equipped with the latest tools and knowledge, to perform routine maintenance, repairs, and upgrades. From scheduled check-ups to emergency fixes, we'll help you maximize uptime, reduce downtime, and extend the lifespan of your assets. Trust us to keep your equipment in top condition, so you can focus on what matters most - your business.



ENGINE MONITORING AND ENGINE PROTECTION SYSTEMS

Our Engine Monitoring and Protection Systems ensure your engines run smoothly, efficiently, and safely. With real-time monitoring and advanced analytics, our systems detect potential issues before they become major problems.

LEVEL 9 CPS SYSTEMS

We have fitted +1200 underground and surface trackless mobile machines with full CPS (Level 9) systems. Some of the systems have been successfully running on mines throughout South Africa for 5 years, and are being fully serviced and maintained by the ECS field service teams.

AUTOMATION

Our Automation Services help you revolutionize your processes, maximizing productivity and profitability. By integrating cutting-edge technology and expert solutions.

OPERATIONS

Our Operations Services help you achieve operational excellence, driving efficiency, productivity, and profitability.



Providing intelligent and innovative solutions to monitor critical functions of engines.



OUR PRODUCTS

ANALOG GAUGES

We offer a wide range of analog gauges including tachometers, hourmeters and GPS speedometers to name a few. All of our gauges utilize the latest in surface mount technology and microprocessor-controlled stepper-gauge movement that isn't fazed by temperature or vibration extremes.



CAMERA SYSTEMS

Our camera monitor systems enable drivers and operators to manoeuvre and drive safely. They ultimately reduce the risk of collisions and protect vulnerable road users by minimising vehicle blind-spots and assisting drivers to navigate safely.

CAN COMPONENTS

Society of Automotive Engineers standard (SAE) J1939 is the standard protocol for facilitating seamless communication within the electronic systems of heavy-duty vehicles. It defines the guidelines for how these electronic components interact over the Controller Area Network (CAN) bus. We offer a range of products that utilize the J1939 CAN protocols.





SENSORS & SWITCHES

Sensors are essential for the smooth operation of engines, as they provide important information about vehicle parameters to the Electronic Control Unit (ECU). These products ultimately ensure maximum safety, efficiency, and performance. In terms of switches, we distribute a number of pressure and temperature switches that are designed to provide protection for all types of internal combustion engines, pumps, compressors, gear boxes and marine and industrial power plants.

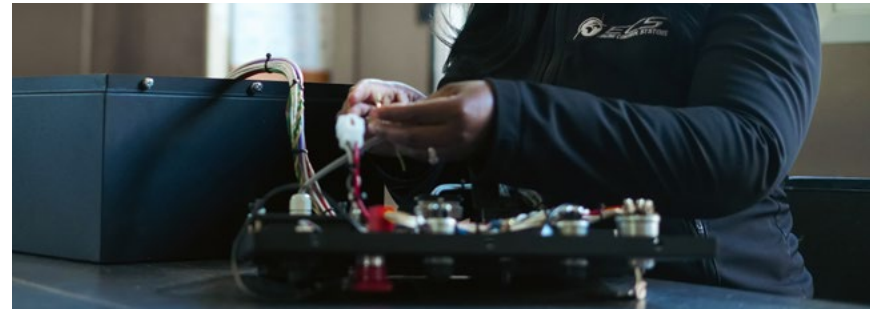


THROTTLE CONTROLS

Throttle controls regulate an engine's power output by managing the amount of air and fuel entering the combustion chamber. When a driver presses the accelerator pedal, this system adjusts the intake of this mixture, directly influencing the vehicle's speed.

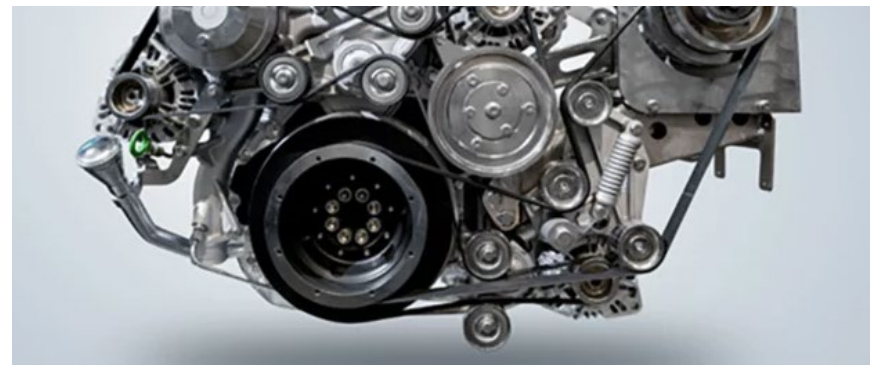
STANDARD CONTROL PANELS

Power distribution is managed by using control panels. They control the starting and stopping while protecting engines from overloads. Maximize the monitoring and alarm capabilities for your mechanical engine with our range of standard control panels. They offer durability, reliability and functionality that is essential for your engine, while providing a broad range of features from which to choose.



WATER HEATERS

Keep your equipment at peak performance with our wide range of heating systems that address your specific needs. By circulating warmed coolant through the engine, it insures fast starts for critical applications, quick acceptance of loads, and reduced fuel consumption, emissions and engine wear.



OUR BRANDS



OUR CUSTOMERS

At ECS, the needs of our customers are the cornerstone of our research, development, and forward-thinking innovation.

Our extensive industry knowledge and significant experience empowers us to continually enhance our product offering and optimise manufacturing efficiency to keep up with market changes.



CONTACT US

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