



INNOVATIVE ROOT CAUSE SOLUTIONS

SPECIALISTS IN ELECTRONIC & ELECTROMECHANICAL
ROOT CAUSE FAULT FINDING AND RESOLUTION

A SUCCESSFUL COMBINATION

Our successful approach to problem solving is founded on multi-skilled engineering expertise and an in-depth knowledge of modern and legacy electronics.

We work with companies that operate ageing and often obsolete electronic and electromechanical assemblies acting as a reliable and responsive resource partner when these parts begin to fail.

Drawing on our experience in the automotive and rail industries we provide a proven source of uniquely combined services.

Consultancy & Project Scoping

Root Cause Investigation

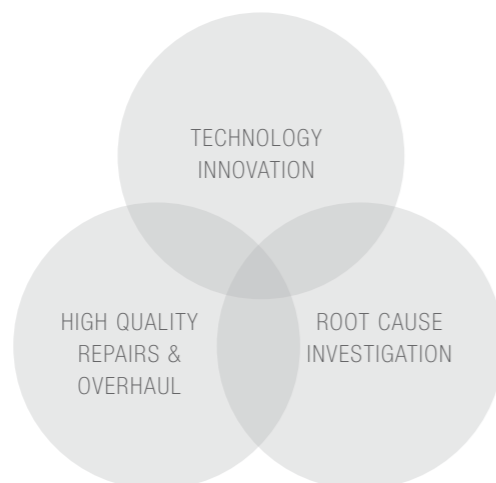
Remote Condition Monitoring

Design of Fit, Form & Function Replacements

Electromagnetic Compatibility

Repairs & Overhauls

By combining these services within a single organisation we address the issues caused by an industry supply structure whereby specialist and repair services are generally provisioned separately. It provides the ideal environment for effective flow of information which is key to identifying and solving issues affecting equipment reliability. Inefficiencies and restricted access to expertise are negated and a viable and effective solution is delivered in the minimum of time.



Experienced, multi-skilled engineers

Responsive to the needs of our customers

Efficient methodology for earliest return to service

Reliable, thorough, innovative

Evidence based solutions

Environmentally responsible

Commercially aware



WORKING TO THE HIGHEST STANDARDS IN QUALITY, SAFETY & RELIABILITY

UNDERSTANDING THE PROBLEMS THAT AFFECT OUR CLIENTS

Many of the failing components we investigate are no longer supported by the OEM and the original expertise and knowledge is no longer available. So we use an established methodology that enables our engineers to identify the root cause of faults even when the failure is intermittent. Experience helps, too. Our engineers are often able to quickly focus in on the issue having been instrumental in resolving many similar problems.

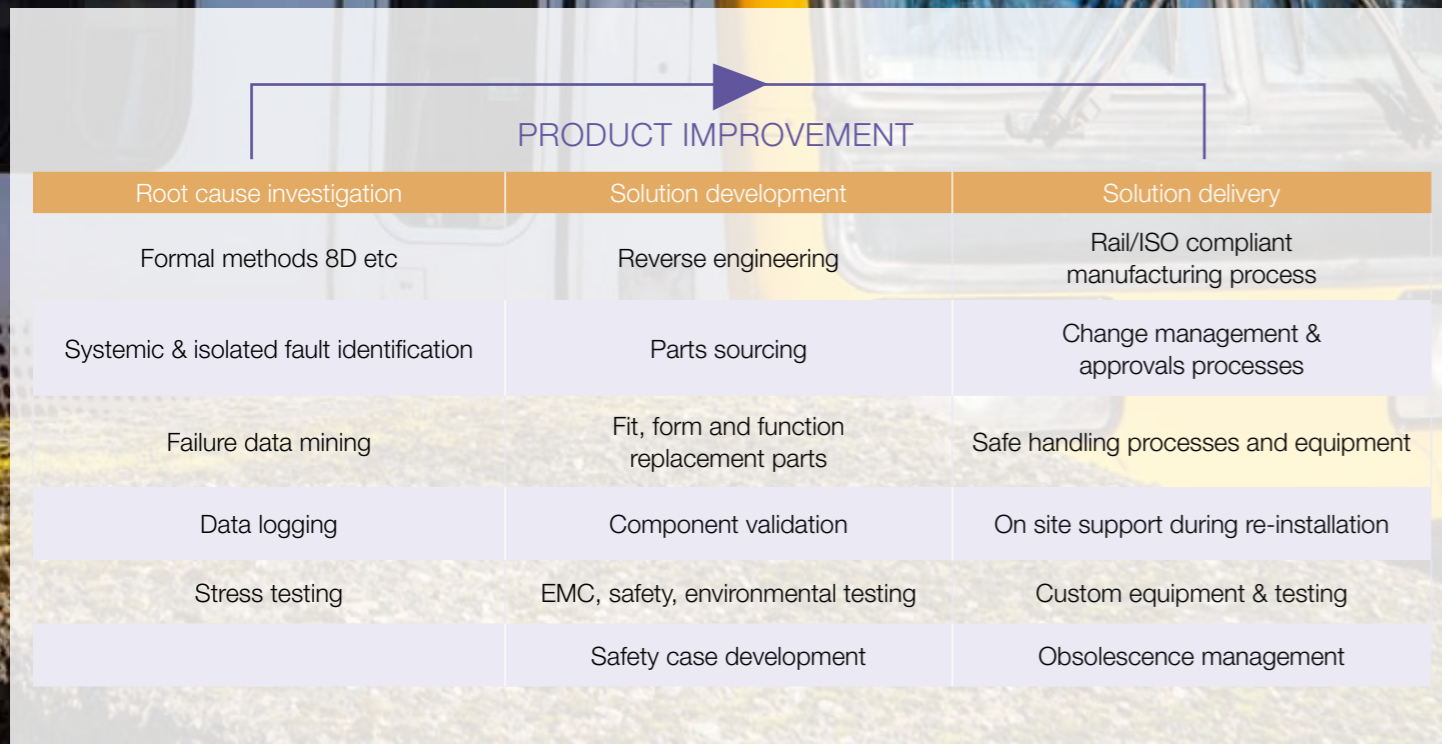
- OEM unwilling to address reliability issues**
- Same unit keeps on failing**
- Battery not charging**
- Alarms & warning events: Cause not understood**
- Supplier unable to find fault with units that fail in service**
- OEM taking too long to fix an essential part**
- Obsolescence issues are depleting float stock**

FIXING THOSE THAT DEVELOP

An additional benefit we deliver is the speed of return to service. Not only do we identify the root cause of the fault using the most efficient methodology available; we develop the solution in the same manner and if the equipment requires more than a standard repair, we will design, build, test and install an improved and reliable alternative.

MONITORING THOSE THAT MIGHT

We can aid predictive maintenance through intelligent data logging and, in conjunction with our clients, structure a pre-emptive action plan to address any imminent or potential failures.



PARTNERING BRINGS BENEFITS

Effective partnerships are key to delivering responsive and secure solutions. We take practical steps to promote positive relationships, which is why our clients continue to work with us to our mutual benefit. Internally we have created a culture where problems are shared; enabling understanding and improvement.

When problems arise we investigate and share our findings in detailed reports. We work alongside our customer to define the scope of new projects — providing support, advice and analysis to ensure that both the issue and the solution are accurately defined.

Our belief in taking a proactive approach to improve our service is enriched by freely sharing our information and insights with our clients and having open discussions that highlight where we can best deliver benefit to our clients, our own business, and the markets in which we operate.

'We really highly regard SET as a business and your approach to projects. As I have said before your honesty and drive for quality is far above any supplier I have ever dealt with and it sets you apart from the rest'

James Brincombe, Senior Technical Manager



METHODICAL
THOROUGH
EFFICIENT
OPEN



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