



HAWKGROVE®
SOFTWARE SYSTEMS DESIGN



company profile





Flexible Solutions for Testing & Simulation

Hawkgrove delivers flexible, custom solutions for testing complex command and control systems.

Hawkgrove solutions are being used by major engineering firms to test and develop new products, allowing prototyping, integration and acceptance testing of third-party components.

Hawkgrove solutions are also being used to provide realistic, context-rich demonstrations of new products and technologies.

Simulation in the Real World

Hawkgrove is experienced at delivering simulation systems that interact extensively with live systems and networks in order to provide highly representative, flexible test environments.

By simulating the behaviour of individual or multiple system components, Hawkgrove solutions are used to test entire systems, including quick and easy re-creation of unusual and extreme conditions.

Complete Hardware and Software Solutions

Hawkgrove delivers integrated, turn-key solutions, incorporating hardware, software, interfacing and remote sensing equipment.

Standard hardware components, based on technologies prevalent in the automotive, aerospace and rail industries, are used wherever possible.

Designed for Ease of Use

The Hawkgrove development team has many years experience designing solutions for simulation control and data monitoring. The results of this experience are clear, intuitive displays and controls, easily tailored to match specific test situations and individual preferences.

Built for Rapid Results

Hawkgrove delivers custom test and simulation solutions that require no further configuration or development prior to use. They deliver rapid, reliable results without taking up valuable project engineering resources.

“Quality Through Collaboration ...”

In over ten years of business, Hawkgrove has forged longstanding customer relationships thanks to the technical expertise of its staff and its collaborative style of developing and supporting solutions for the long-term benefit of customers.

High complexity and large scale solutions remain the focus for Hawkgrove and the expertise of the development team lends itself to a range of solutions, including sophisticated simulations and test rigs.

For details of other solutions provided by Hawkgrove, please contact us on +44 (0)1373 710777 or email company@hawkgrove.co.uk



Industry & Systems Expertise

Hawkgrove employs a team of technical experts exclusively focused on delivering and supporting custom solutions.

Industry Expertise

The collective experience of the team is extensive, with substantial experience in:

- Avionics
- Rail
- Automotive
- Naval Systems

Technical Excellence

The Hawkgrove team offers an excellent level of expertise in systems analysis, design, testing and delivery, with experience in:

- Full lifecycle software development
- Distributed, real-time, multi-technology systems
- Selection of platforms and languages for optimal development in different environments

Quality Throughout

All stages of solution development are managed through comprehensive, effective processes, guided and supported by leading-edge methodologies.

Hawkgrove places emphasis on using standards to drive quality and strives for continual process improvement.

A Trusted Partner to Leading Engineers

World-leading engineering companies are long-standing customers of Hawkgrove. Command and control systems within some of Europe's largest engineering projects are tested using Hawkgrove solutions.

Recent projects include:

- Development of specialised equipment to demonstrate an advanced new train control system. The solution simulated complex train-borne and track-side equipment to provide a highly realistic demonstration environment for trains running on test tracks.
- Rapid delivery of a specialised rig that provided comprehensive testing of a newly developed train protection system.
- Modification and extension of an existing test/simulation system in order to provide a representative demonstration of a train control system within the context of a major European metro network.

Detailed Case Studies

A series of more detailed project case studies are available on request.

For more details please call us on +44 (0)1373 710777, email company@hawkgrove.co.uk or visit our web site at www.hawkgrove.co.uk



More Information

Find out how a custom test and simulation solution from Hawkgrove could help you to get reliable results faster:

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email: company@hawkgrove.co.uk



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Doc. Ref. H000/08/001-2

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