



trusted to deliver™

Fire Vehicle Engineering

Specialist vehicles built to serve you





FIRE

ERIE FIRE



SPECIALIST FIRE VEHICLES CUSTOM-BUILT FOR YOU

Babcock is a market leader in delivering specialist vehicle conversions, and electronic and communications systems integration to the Fire Service.

Our vehicles are not only built to last - they're built to serve you. That's why we work closely with both your project design team and end user to fully understand your requirements whilst offering a compliant and operationally functional solution. We advise on and fit the latest innovations being introduced into advancing vehicles within the sector. We'll also be here when you need us - where you need us - through the life of the vehicle.

Built for your fleet

As the Fire Service faces ever changing operational challenges, we work closely with each Fire and Rescue Service to fully understand their specific requirements. We offer a comprehensive choice of specialist products and services across the broad spectrum of vehicle manufacturers including:

- Small and 4x4 rural appliance
- Water rescue vehicles
- Command & Control
- Officer / Commander cars

- Fast response cars
- First response vans
- Incident control
- Bespoke specialist vehicles

We are a market leader in integrating cutting-edge information tech including mobile data terminals; incident data recorders; telematics systems; enhanced security digital radios and 'gateway' repeating systems as well as specialist equipment.

Built to meet your requirements

Each customer has their own specific requirements from procurement and concept design through to the final delivery of the project.

You can order directly with us or through a vehicle manufacturer. Our one-stop-shop arrangement with manufacturers means you can simply place one contract to cover both the base vehicle and the Babcock conversion.

Whichever way you select, we deliver a warranted and manufacture-qualified conversion which is high quality, durability and safe.

In engineering a solution, we take the time to understand what you need including specialist options such as integrated and electrical communication solutions, storage systems, auxiliary systems and incident data recorders. We also ensure that the conversion is commensurate with the base vehicle using our highly skilled engineers and using 3D drawing and rendered models to support this.

We also offer:

- Onsite or off-site installations of communications systems
- Auxiliary system upgrades to individual or entire vehicle fleets
- A complete turn-key solution
- Final decommission and disposal service



Specialist vehicles built to meet operational challenges

COMMAND & CONTROL

This enables you to handle any incident efficiently with effective communication within minutes of arriving at a scene. We provide a complex technological advanced

solution that is robust and easy to use by the operator. A range of options are available to meet your climatic and operational challenges from dehumidifiers

and power solutions through to an action wall and complex communication systems



OFFICER CARS / FAST RESPONSE

On a base vehicle suited to the specific role, we offer fire officers a robust and reliable vehicle to carry out their day-to-day job. Added benefit can be a managed

vehicle replacement programme - a solution which takes the difficulty out of scheduled vehicle replacements.



SMALL APPLIANCE

This provides firefighters with a smaller mobile platform for challenging environments such as off-road or confined spaces. The range of options available includes:

- Aftermarket mobile pump
- Tool lockers & portable lighting
- Warning equipment
- Communication systems
- Tracking and personal locator systems
- Crew transport



SPECIALIST

We successfully deliver on specialist and 'one-off' projects which help you to deliver specific operational requirements and support you in more challenging environments. Available on several different

platforms and in on or off road variants. This includes:

- Quad bikes
- Demountable bodies for specialist equipment
- All-terrain/ extreme terrain vehicle/desert rescue
- Water and flood rescue/ confined space
- CBRN



Built with market-leading capabilities

High performing composites

Our composite products provide a high quality lightweight solution - offering strength and weight benefits over more traditional materials.

This also provides longevity as the material is anti-corrosive and resilient to damage, and is why it is suited to a range of vehicle uses, both internally and externally.

Electromagnetic Compatibility (EMC) Test facilities

We have a purpose-built EMC testing facility, simulating an Open Area Test Site (OATS), to assess a range of vehicle equipment - ensuring it does not produce anomalies elsewhere in the machine's performance. A broad spectrum of tests can be conducted including antenna performance, RadHaz, mutual interference, radiated emission & susceptibility and more.

Vehicle testing

We are a DVSA approved Individual Vehicle Approval (IVA) test facility and MOT test facility, and have the capability to IVA test vehicle categories; M1, N1, N2 vehicles as well as O1 and O2 trailers. We also have an onsite ballistic firing range, rolling road trials and a water deluge test facility.

Integrated communications:

We design and integrate compliant in-vehicle communications and data systems for specialist vehicles. We work with our customers on dash integration solutions to ensure ease of use and allow optimum driver concentration.

Babcock is an approved installer of: Mobile Data Technology (MDT), Airwave Service Radios (TEA2), Incident Data Recorders (IDRs) and approved applicators by the major livery suppliers. We are also supporting our customers with the introduction of the Emergency Services Network (ESN) for vehicle based integration solutions.

Built with through-life support in mind

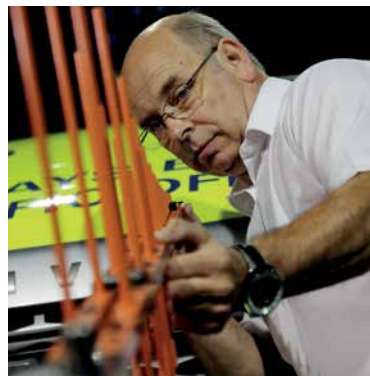
In a changing world, Babcock offers certainty to its customers, both in terms of quality of vehicle and through-life support. We support our customers post-delivery with a dedicated customer helpdesk, high demand onsite stock, and Mobile Client Support Teams - providing an invaluable service on a daily basis, both maintaining and carrying out installations on site to minimise any vehicle downtime.

Our user and workshop training programmes have been developed to ensure the end user, and those responsible for the upkeep of the vehicle, are fully conversant with the asset. This is supported by manuals and can be tailored to a specific team, or across a large number of users.

We can deliver whole-life support on one-off specialist conversions or across a fleet. This includes industry-standard service packs, which can be added to the CAPEX of the vehicle, through to a full availability contract for a whole fleet.



INNOVATIVE APPROACH
TAILORED SOLUTIONS
EQUIPPED TO THE
HIGHEST STANDARDS



Vehicle conversions for the emergency services

Our customers include the Fire, Police and Ambulance services as well as the civil service, military and other security focused organisations across the world.

We specialise in vehicle conversions that help our customers to meet frontline challenges.

We bring over 100 years' experience in combining innovation, craftsmanship and technical excellence to supply and support quality deployed product to a worldwide critical market.

Our customers trust us to deliver resilient and appropriate products with assured whole-life support and availability. We build long-term relationships with our customers and suppliers, and look to continually invest in our infrastructure and people to ensure we offer ever more efficient and reliable products.

This approach ensures that we never compromise on quality, health & safety and best environmental practice for the benefits of all. Our customers include the Police, Fire and Ambulance services, civil service, military and other security focused organisations based in the UK and overseas.



If you have a requirement which we can provide assistance for, please contact:

Babcock International Group, Stockton Close,
Walsall, West Midlands, WS2 8LD, United Kingdom

Telephone: +44 (0) 1922 725560

Email: info@vehicleengineering.co.uk

www.vehicleengineering.co.uk

Formerly S MacNeillie & Son, our vehicle engineering business brings together a 100-year heritage of vehicle craftsmanship and technical excellence with our proven whole-life asset management capability and best practice.