

Proven. Powerful. Possible.

Zero-emission solutions

Introducing multi-functional power electronics for scalable, zero-emission solutions.

gettozero.com



BAE SYSTEMS

Get to zero™

Cities everywhere face the challenge of improving air quality and driving down carbon emissions.

Achieving this in an affordable and sustainable manner will require a range of zero-emission solutions for various vehicle types and power solutions. Heavy-duty vehicle manufacturers can rely on us to streamline the process and get their vehicles to zero emissions with proven electric powertrains.



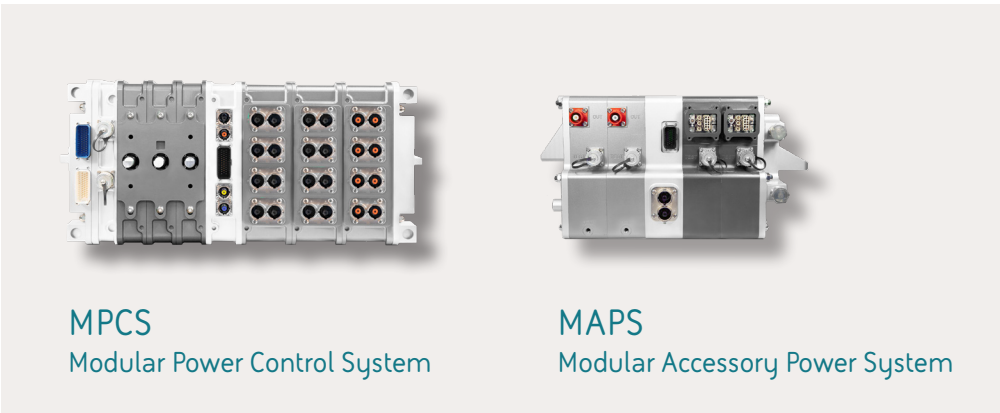
Revolutionizing the electric powertrain

BAE Systems, a leader in electric propulsion, brings the next-generation of power and propulsion technology to the heavy-duty vehicle market. Our electric drive systems provide a revolutionary design, which will help manufacturers get their electric vehicles to market faster and at a lower installed cost. Using a modular design, our electronics technology provides power and propulsion for a range of low and zero-emission solutions, including electric axle, central motor, battery electric, fuel cell electric, and hybrid electric.



Proven and reliable

Success starts with a trusted and knowledgeable partner. We have been delivering commercial vehicle electrification successfully for more than 25 years and are powering more than 15,000 vehicles around the globe. We achieved this with our proven system design methodology. Inside our Endicott, New York facility, we learn from the billions of miles our in-service propulsion systems have covered. We use this first-hand knowledge to understand how we can do better for our customers now, as well as innovate and rapidly prototype solutions for their future needs. We have 11 dynamometer testing components before they ever hit the road and four large testing bays that simulate system duty cycles. Our vehicle integration lab installs our systems and then takes them out for thousands of on-road miles, testing quality, safety, and reliability, ensuring that our technology performs exactly as required for our customers.

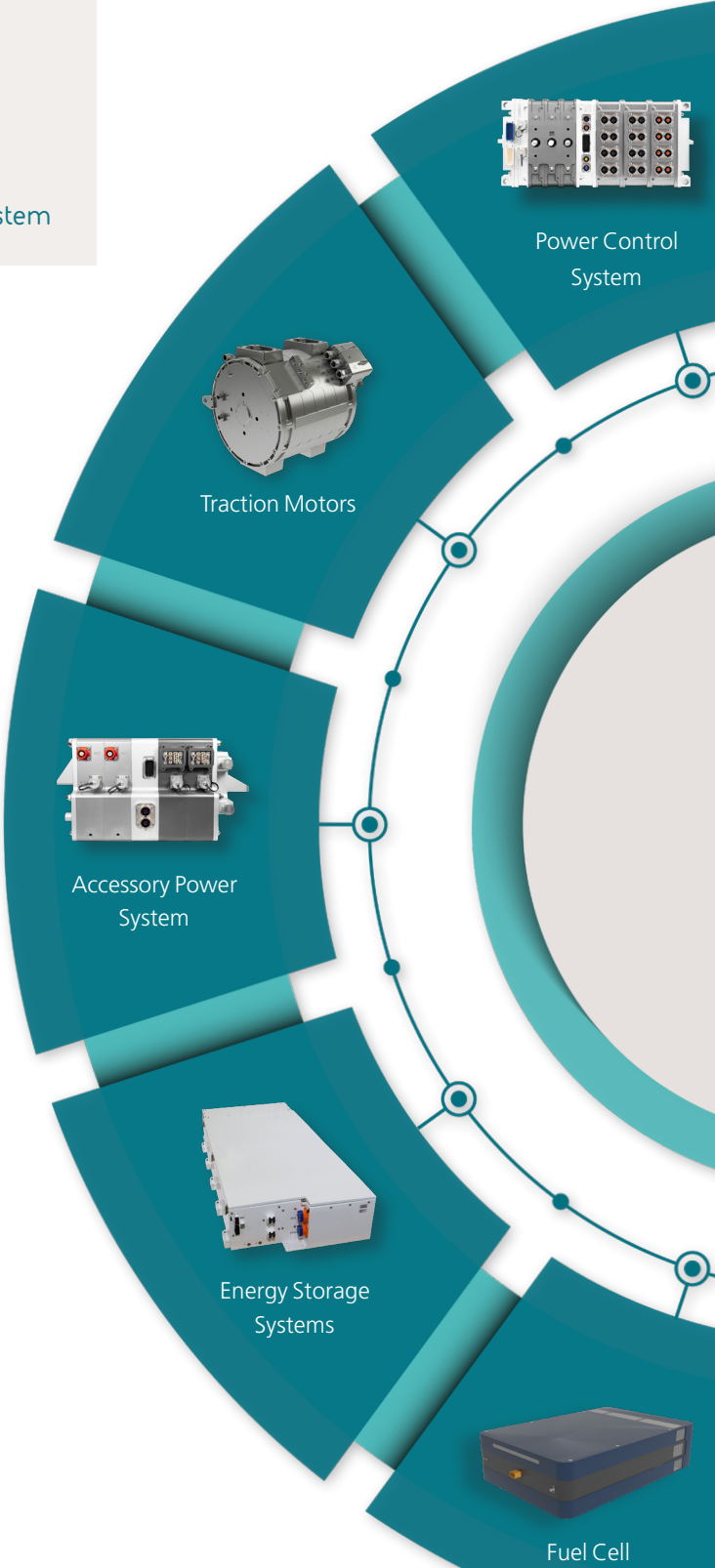


Core Power - a simplified solution

We provide core power electronics that are compact, modular, and lightweight. Our technology is contained within two units, whereas our competitors use as many as 10 packages, requiring many more wires, weight allowance, and space to do similar work. Our configurable system architecture allows customization of a variety of power and propulsion solutions, including fuel cell power, battery electric power, or a combination of both—we consider it the multitool of heavy-duty vehicle power electronics. Using far fewer components compared to other systems on the market, our MAPS and MPCS technology offer scalable, customized solutions, providing core power and accessory power for a range of heavy-duty vehicles, including buses, mining vehicles, and sanitation and yard trucks.

We do it all

Unlike most suppliers, we offer a one-stop shop. Our skilled workforce produces their own printed circuit boards while other manufacturers outsource these critical components, and our manufacturing processes utilize the latest in robotics technology to ensure precision. This unique mix of human-machine collaboration—all under one roof—allows our engineers to perform at optimal efficiency, ensuring our products are prepared and shipped in a timely manner. With superior component engineering, system integration, and aftermarket support for our customers, our proven systems will help you achieve your zero emission goals.



Proven. Powerful. Possible.



World leader in electrification



15,000+ electric
powered vehicles

25 years delivering
electric drive solutions



Global
operations

4 billion+
miles covered



Get to zero emissions

Contact us at [gettozero.com](https://www.gettozero.com)

BAE Systems
Marconi Way
Rochester, Kent ME1 2XX

BAE Systems
1098 Clark Street
Endicott, N.Y. 13760

Disclaimer and copyright

This document gives only a general description of the product(s) and service(s) and, except where expressly provided otherwise, shall not form any part of any contract. From time to time, changes may be made in the products or the conditions of supply.

BAE SYSTEMS is a registered trademark of BAE Systems plc.
©2022 BAE Systems. All rights reserved.
CS-22-b16