



A44 COMPANY — Services Menu

A44 ENGINEERING

Control systems engineering and architecture

IQAN MC43/MD4 design and logic development

Hybrid traction logic and HV system strategy

BMS logic including SoC, thermal and protection algorithms

CAN/J1939 architecture, diagnostics and DBC structuring

HMI/UI development using Qt and MD4/MD5

Diagnostics, reverse engineering and project recovery

A44 DIGITAL SOLUTIONS

Full-stack development (React, TypeScript, Node.js, Electron)

Websites, internal tools and automation platforms

Desktop apps and engineering productivity tools

API integrations and JSON/YAML schema systems

AI tooling and ChatGPT API integrations

Website optimisation, updates and maintenance

AI-ACCELERATED ENGINEERING

AI-assisted debugging, documentation and workflow tooling

Custom AI tools for engineering teams and SMEs

AI-driven automation for operational efficiency

Industries Served

Hybrid/Electric Locomotives

Agricultural & Off-Highway Machinery

Industrial Automation & Robotics

EV/Hybrid R&D; Platforms

Prototype and Special Vehicle Systems

Contact

A44 Company

Email: ash@A44Company.co.uk

Website: A44Company.co.uk

Phone: 07305 281183

Staffordshire, UK