



Delkia

Systems Integration | Engineering Design | Technical Consultancy



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DELKIA'S MISSION

Delkia provides some of the most complex, high performing control systems in the UK.

Our **vision** is to become the leading British systems integrator and partner of choice for **high-integrity** and **mission-critical systems** in highly regulated sectors including **defence, nuclear, maritime** and **aerospace**.

Supporting national infrastructure programmes, we work collaboratively, driven by our values.

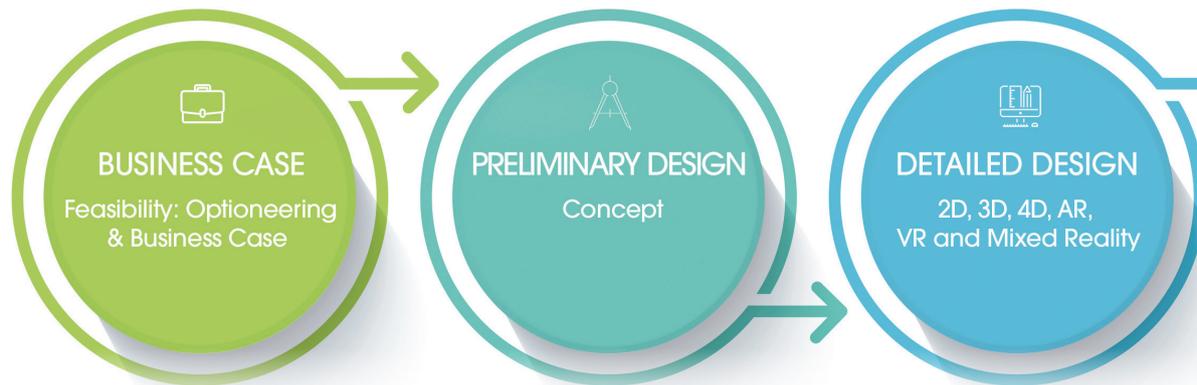
Based in Cumbria and Lancashire, we are a friendly company to work for and invest in our team to ensure we continue to deliver operational excellence.



ABOUT US

Delkia is an experienced **specialist systems integrator**, providing engineering and technology services for safety related and mission-critical systems. Operating throughout the UK and Internationally in highly-regulated sectors, including Maritime / Naval, Aerospace, Defence and Nuclear.

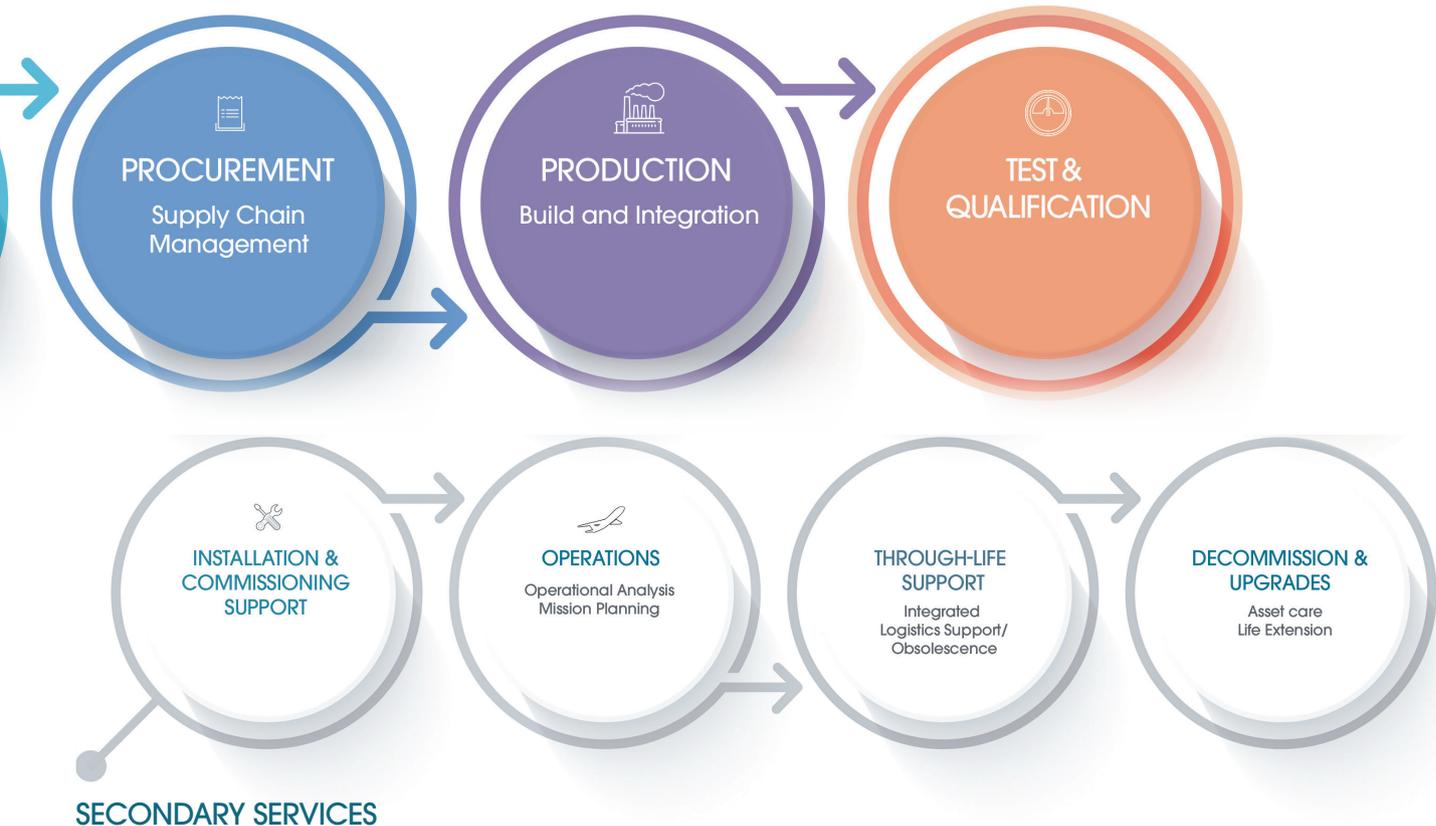
Our offering includes **digital engineering, systems and technical consultancy, systems integration, engineering design, build-to-print, control panel build and complex system support**, all of which are harnessed specifically for each project's needs, maturity, and technology requirements.



PRIMARY SERVICES

Our approach is to build long-lasting and trusting partnerships with our clients. This enables us to know your exact needs, add value and innovation, as well as providing you with the right services, at the right time, both tactically and strategically.

Experts in **motion control, functional safety and complex control systems development**, we work with leading-edge technology and are **investing** in **pioneering research and development** programmes with our clients and academia.



SYSTEMS INTEGRATION

Our skills in design, engineering and systems integration, enable us to identify ways to improve safety and efficiency at the planning stage. You can move from the design environment to the built environment through our detailed design in 2D, 3D, 4D, AR, VR and mixed reality.

As **experts in systems integration**, with our own **Electronics Lab** and range of **highly skilled staff**, we offer a wide range of services, including:

- Oversight and management of complex systems and sub-systems
- Design and build-to-print, control panel build, electronics development and repair
- Verification, validation, testing and certification
- Management of complex procurement, lead-time management and inventory control
- Simulation, trials and testing
- Obsolescence management
- Reverse engineering solutions
- Embedded systems design and development



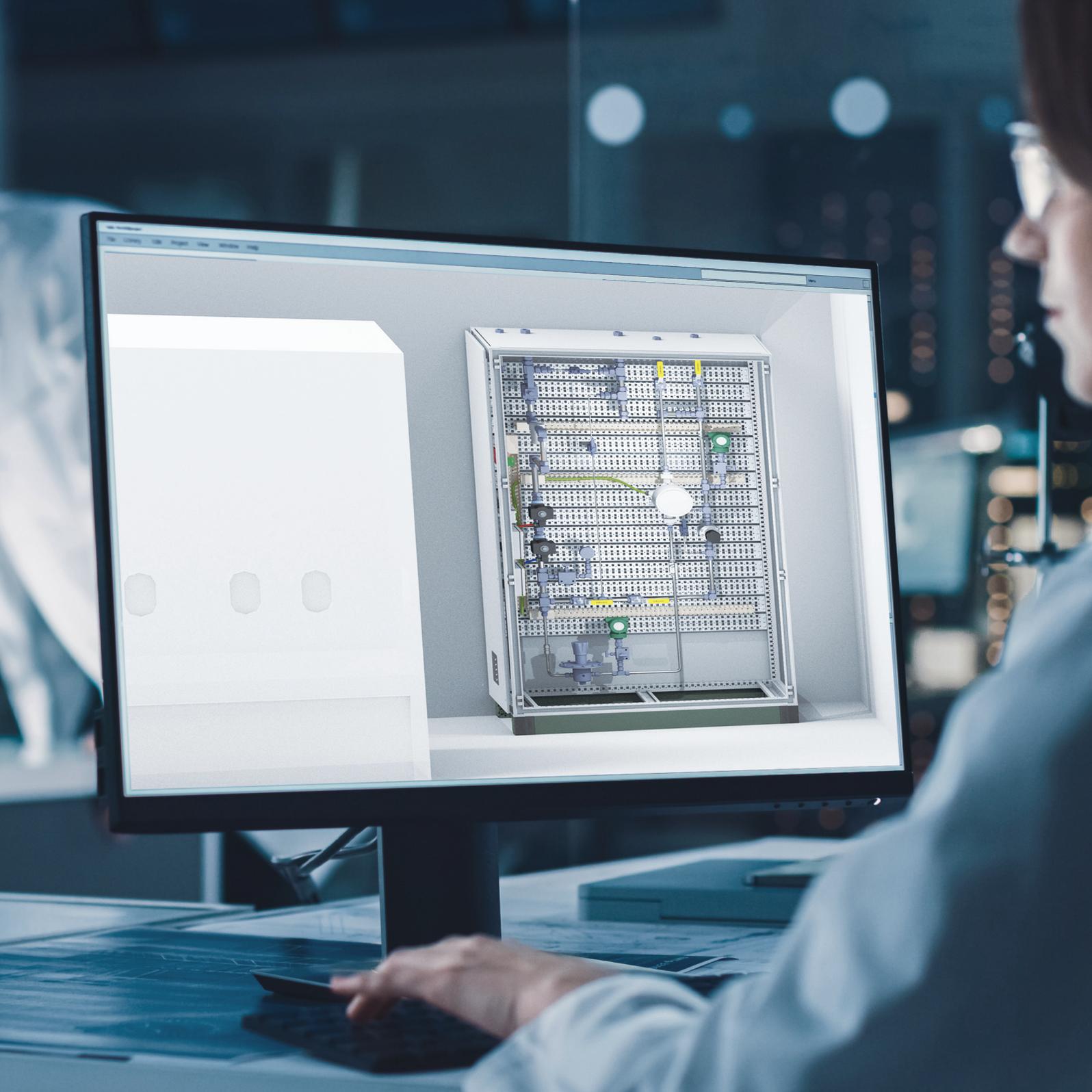
ENGINEERING DESIGN

Our skilled staff and dedicated 10,000 sq ft manufacturing and testing space, provide tried and tested engineering design capability.

We offer a wide range of services and resources, including **digital engineering, systems** and **system integration, engineering design, technical consultancy**, and **complex control system support**, plus **control and instrumentation services**.

Our capabilities include:

- Nuclear safety and protection systems
- Process control, DCS, SCADA and PLC
- Electrical distribution systems
- Instrumentation and control
- Nucleonic and radiometric systems
- Plant interface systems and HMI
- Remote and inventory handling systems
- Access control and interlock systems
- Robotics and digital solutions



TECHNICAL CONSULTANCY

We could tell you that it's our expertise in high-integrity and mission-critical control systems that makes our technical consultancy service so invaluable. We could talk about our talented specialists, great track record and awards. But what really sets us apart, is our open and honest approach. We work collaboratively with clients to meet project needs and our values of integrity, trust and accountability, continuous improvement, collaboration and teamwork, drive everything we do.

Our consultancy service embraces:

- Control, electrical and instrumentation systems
- Complex control systems development
- Safety and protection systems
- Functional safety
- Machine safety
- Configuration management
- Requirements capture and management
- Information assurance
- System engineering
- Safety case development and engineering substantiation
- Obsolescence and plant life extension / optimisation
- Human factors, alarm rationalisation and ergonomics
- Value added engineering / front-end engineering design support



OUR FACILITIES

Delkia's **HQ** can be found at the **Westlakes Science and Technology Park** in **Cumbria**, near to our dedicated **Electronics Lab** in **West Cumbria**. Whilst Delkia **R&D facilities** and **offices** in Preston and Cumbria, tap into the **North West manufacturing hub** and provide an ideal space for **design** and **project collaboration**.

THE DELKIA ELECTRONICS LAB

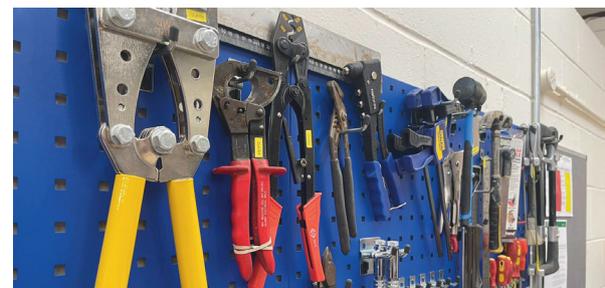
- Purpose build facility for plant life extension support and obsolescence, including development and testing

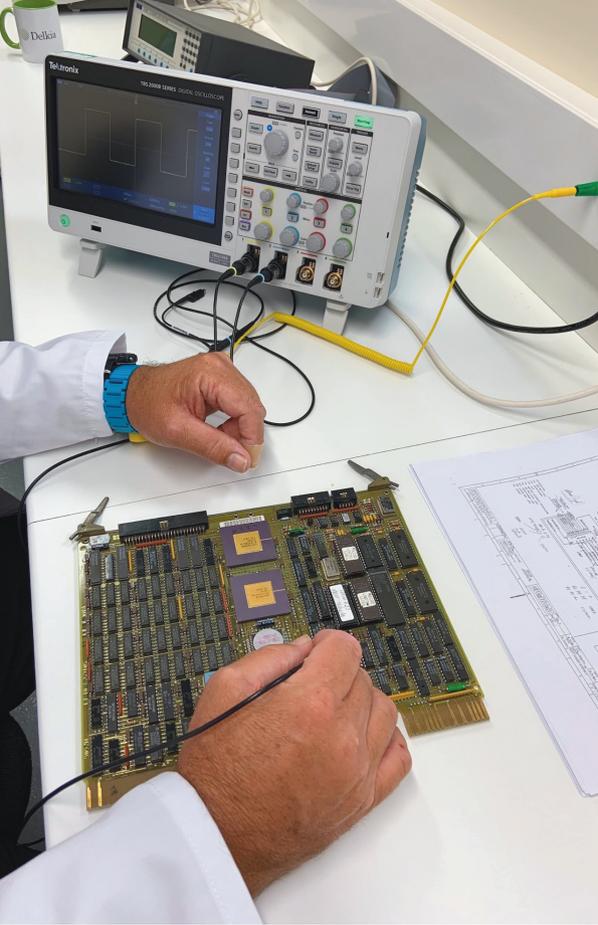


Delkia West Cumbria



Delkia Westlakes Science & Technology Park





Delkia Preston



THE DELKIA ELECTRONICS LAB

With offices in Cumbria and Lancashire, Delkia also has a dedicated manufacturing, assembly, testing and electronics lab over 460m²/5,000 sq ft in West Cumbria, offering the latest in digital integration and design development and incorporating:

The Delkia Electronics Lab

- A purpose-built facility for plant life extension support and obsolescence, including development and testing

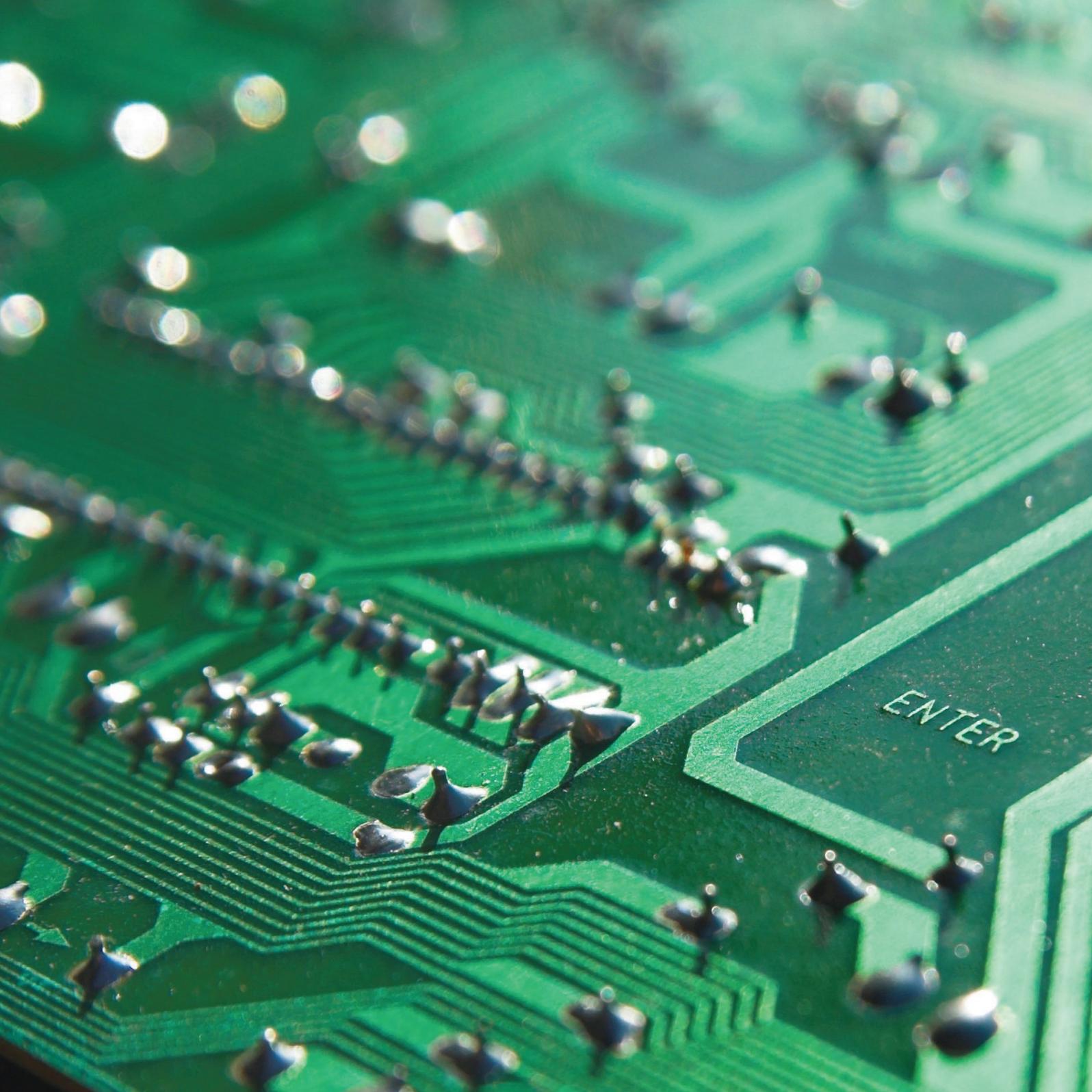
Systems Integration and Testing Facility

- 5S methodology and Nuclear Advanced Manufacturing Research Centre / Fit 4 Nuclear compliant
- Live and dead testing
- Zoned areas for manufacturing and project segregation
- Project buffer climate controlled secure storage, inventory control and management
- Dedicated industrial supplies and utilities

Our skilled staff are experienced not only in developing new electronics equipment to meet client requirements, but also in reverse engineering and repair, through-life safety, and support. We work closely with clients to produce custom made spares as part of obsolescence management.

Our resources include:

- Autodesk Eagle
- PSpice
- PLD Programmer and emulators
- Mentor Graphics
- Simulink
- Matlab
- VR, AR and Mixed Reality
- Product Design and Manufacturing Collection



ENTER

OUR PEOPLE AND APPROACH

EXPERIENCE

We bring together experience, bespoke systems, processes, and technology, to provide a total solution for our customers across the UK and internationally.

ADDING VALUE

Our approach is to build long-lasting partnerships, adding value to provide the right services at the right time.

COLLABORATIVE PARTNERS

We work closely with our customers to understand their objectives, and as partners to achieve the required outcomes; providing a trusted and assured design, build and qualification solution, or specialist support.

INVESTING IN THE NEXT GENERATION OF ENGINEERS

You can advance with Delkia, we offer apprenticeships, career opportunities, graduate entry placements and R&D opportunities - working with a number of different universities. Contact us to find out more.



OUR VALUES

“Delkia’s values are clearly executed in their project delivery – we need suppliers like this.”

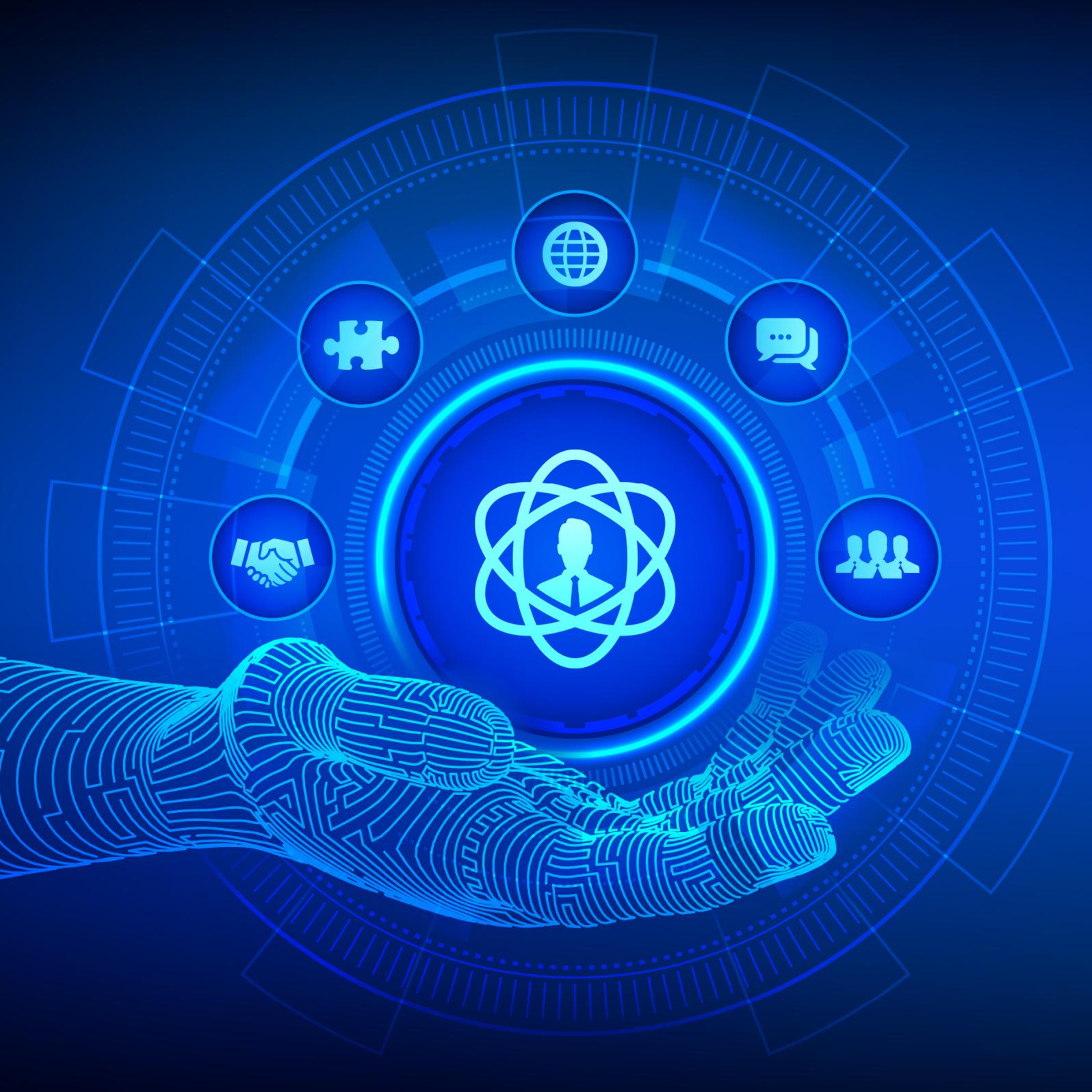
Marc Pantoni, Package Lead for the Sellafield Product and Residue Store Treatment Plant

Everything we do as a company is driven by our values, which were developed by Team Delkia:

- Collaboration and teamwork
- Integrity, trust, and accountability
- Safety and security
- Client focused
- Positive social value and impact
- Continuous improvement

Delkia is working towards net zero carbon emissions. Our team planted 90 Alder trees in spring 2022 to kickstart our carbon reduction plan; when fully grown each tree could be absorbing over 1.8 tonnes of CO₂. Our target is to reduce emissions by 10% over the next 5 years.

This is just part of our Corporate Social responsibility programme. A second key element of which is to actively support our local communities by making a positive contribution. Recent activities have included supporting foodbanks and offering work-experience placements for local pupils.



OUR CUSTOMERS

Delkia is proud of our client list.

We value partnership working and **our mission** is to deliver innovative **value-for-money** products and **services** to customers to enable **safe** and **secure** operations.



BAE SYSTEMS

LLW Repository Ltdcavendish
nuclear

DOOSAN

NG Bailey

Jacobs



ATKINS



ARUP

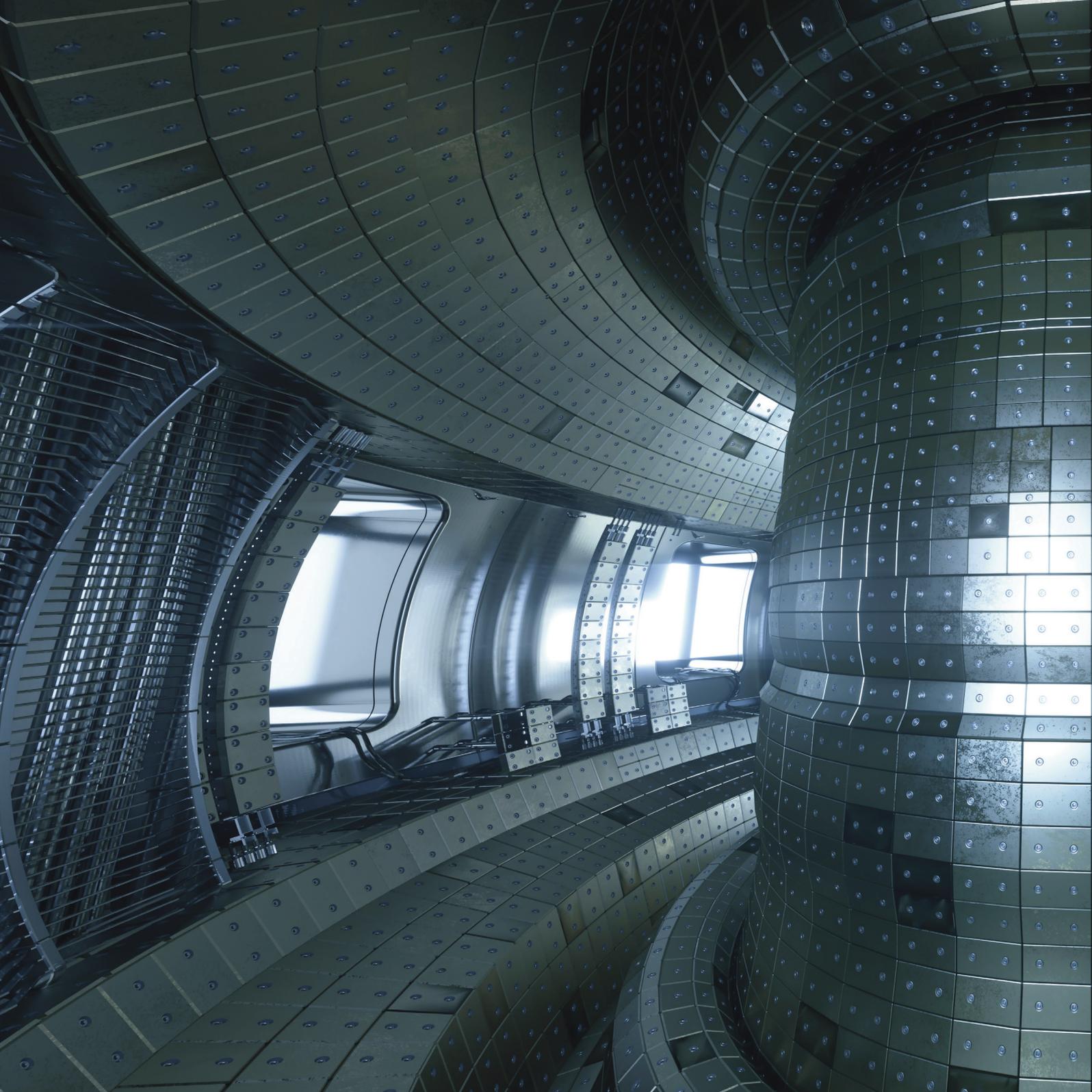
**MORGAN
SINDALL**

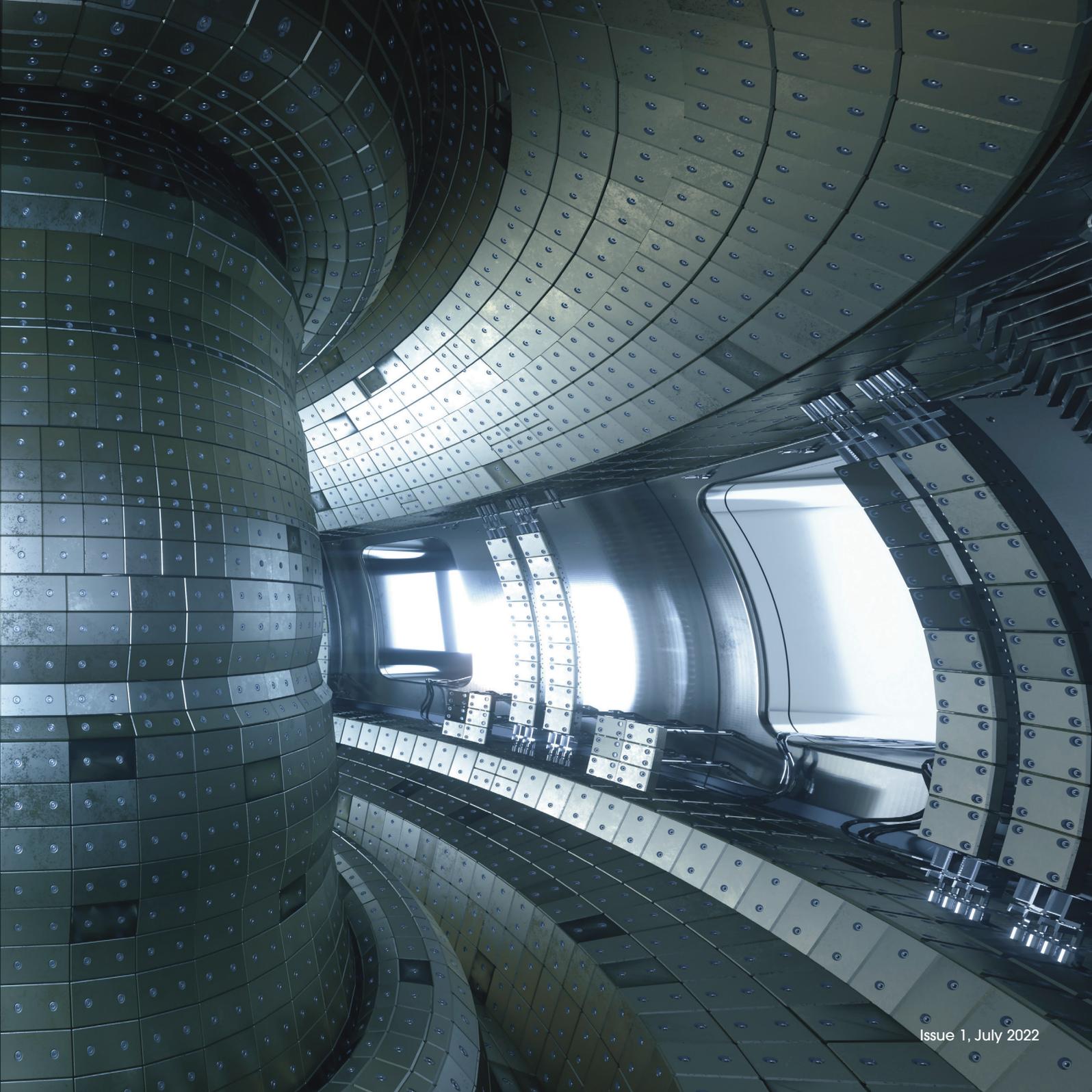
CONSTRUCTION

**NORTHROP
GRUMMAN**

Balfour Beatty
Kilpatrick









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