



DATA CENTRE SOLUTIONS

Modular Caging & Partitioning Systems



Modular Caging and Partitioning Solutions

Rainford manufactures a range of high-quality and modular security cages and partitioning systems to secure your server storage environments, computer equipment, and other valuable assets within your data centre and critical systems and multitenant environment.

Key Advantages

- Modular type for easy assembly and scalability
- Various door types
- Doors can include most locks
- Airflow best practices
- A tamper-proof and highly security system
- Cages can include a roof if required



Features

- Stronger than welded mesh
- Allows air to circulate freely – up to 70% free airspace
- Option for the cage panels to be installed raised off the floor to allow easy access to the raised floor void
- Roof can be added for additional security
- Under floor above-ceiling barriers for extra security
- Variety of cage pattern designs – 12.7 mm square, 19 mm square, 33 mm square, 45 mm square, solid panels. Other hole types and sizes are available
- Cage panels steel thickness: 1.5 mm – 4 mm
- Cage height: up to 9 m
- Cage and door panels can be customised with the client logo
- Extensive choice of colours and finishes available

Cage Specifications

- Cage door types: Sliding or hinged with a self-closing option
- Cage door locking options: Key operated, electronic, electromechanical, variety of emergency exit hardware
- Cage door sizes: from 0.6 m up to 2.8 m wide



Partitioning Specifications

- Solid steel bolted construction, all bolts
- Modular construction to allow for easy assembly and future expansion
- Available in vented or solid steel panel
- Various door type available including hinged and sliding
- Fabricated from solid steel
- Support airflow solid steel
- Tamper proof high security locking systems



Options

- Integrated with Hot/Cold Aisle
- Multiple colour options
- Corporate logo is available
- Electronic locks integrated with building security systems
- Auto closing door

Applications

- Colocation
- Hyperscale data centre
- Multitenant data centre



About Rainford Solutions Ltd

We have been designing and manufacturing data centre racks and cabinets, hot and cold aisle containment, modular caging and partitioning systems and many more data centre solutions for over a decade. We continually innovate to meet the ever-changing infrastructure challenges of today's highly advanced technological centres.

We work with critical infrastructure operators, systems integrators and global operators to develop custom-made enclosures as well as standardised solutions for micro-data centres to hyperscalers, new or existing facilities.



Our Consult, Design, Make and Protect process allows our UK engineering team to develop solutions to your challenges, quickly and cost-effectively, ensuring your equipment will perform at its best, achieving high levels of reliability and in-life maintenance costs.

Our modern factory, including the UK's most advanced powder paint plant, can produce in volume for national and international scale infrastructure projects. We also offer factory pre-wiring to save valuable time on site.

Contact

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