

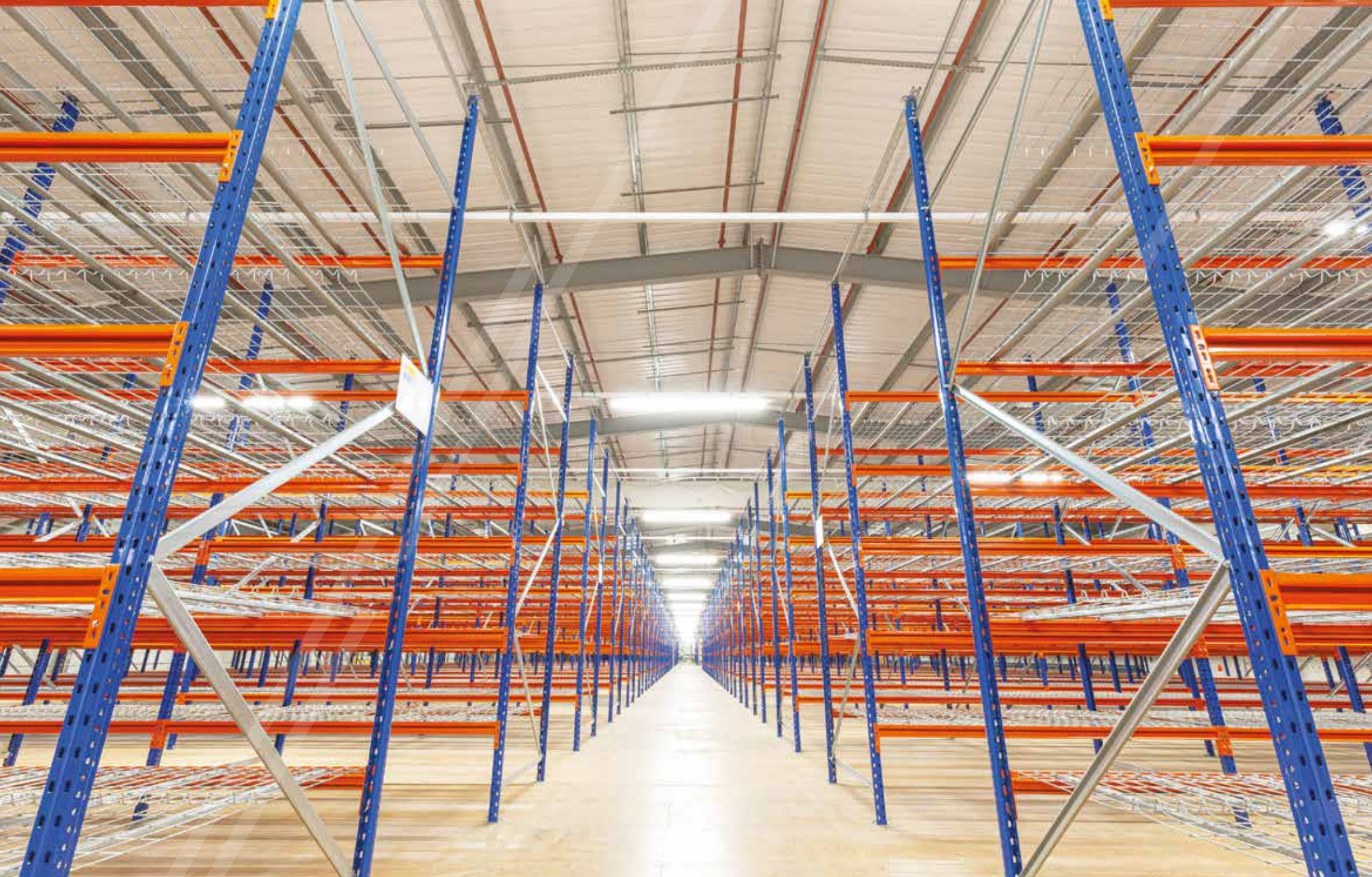
# AVANTA



## CASE STUDY

### Longspan Shelving Project









# Over 30,000 Box Locations Created for Top Retailer

As part of a wider project, Avanta UK has been awarded and fulfilled a contract to supply, deliver and install a large quantity of Longspan Shelving for one of the UK's leading multi-channel retailers.

The top floor of a recent multi-level mezzanine floor project undertaken by Avanta was to be specifically used for box storage and associated picking.

The Longspan Shelving system proposed is designed to store the popular box size 400mm high x 300mm wide x 600mm depth known as a BDC (Bulk Distribution Carton) and this project gave the client 32,688 full height BDC locations.

The total of 454no bays measured 3300mm (H) x 1200mm (W) x 1850mm (W) with each bay storing 72 boxes.



The beams are a 'Z' shaped profile to accept an inset mesh deck that has an integral divider to prevent boxes being pushed out. The snug fit of the mesh also helps prevent accidental lifting of the deck level when picking a full box or from the box. Another advantage of the 'Z' Shaped beam is for the labels to be inserted.

The frames are of an extended height to accept the 5 levels but to also self-support the PIR aisle lighting and additional services as required.

The shelving was sourced from long term Avanta supply partner AR Racking of Spain who are a leading manufacturer of shelving and pallet racking systems.

Avanta UK Ltd acted as principal contractor on this project taking full responsibility for CDM of the work areas.

The shelving element of the project took 4 weeks to install.

**32,600  
BDC Locations**

**454 Bays  
Storing 72 Boxes**

**Extended Height  
To Accept 5 Levels**

**4 Weeks  
To Install**







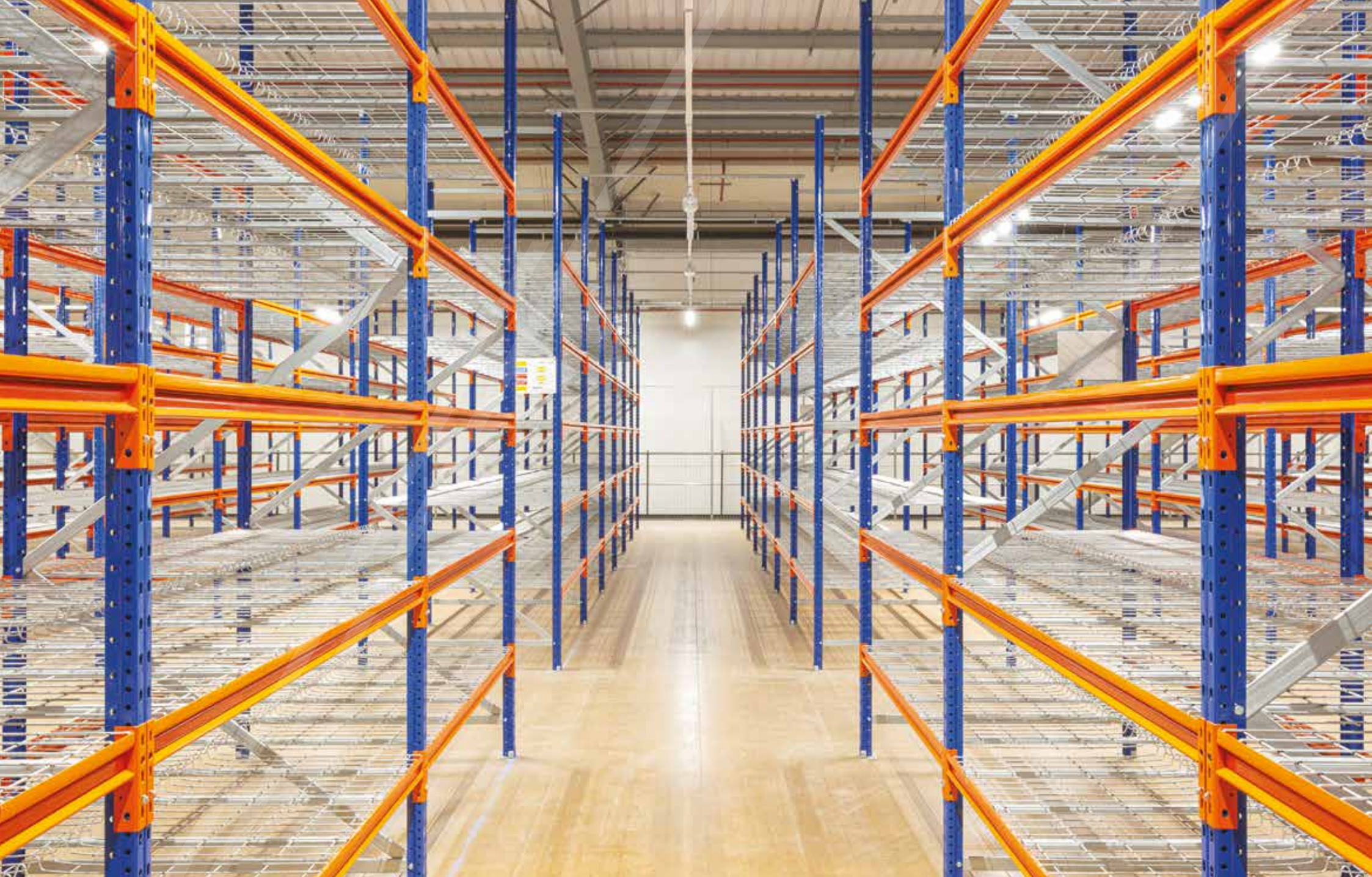




**Avanta UK Ltd** – Unit 1, Matrix Court, Middleton Grove  
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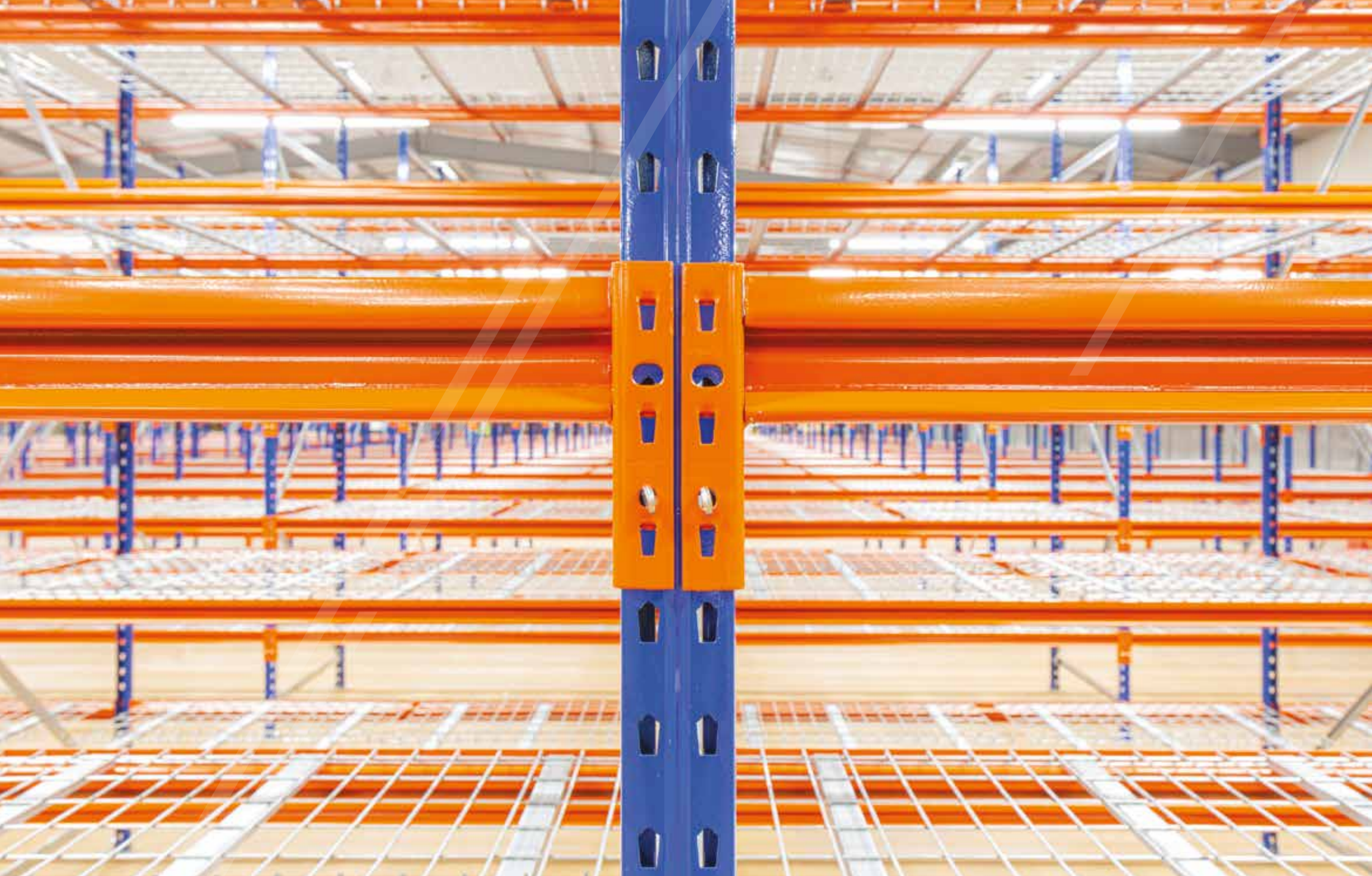




















# Staff Shop

**AVANTA**

[www.avantauk.com](http://www.avantauk.com)  
[sales@avantauk.com](mailto:sales@avantauk.com)





Conduct regular inspections to check for:

- Correct application and use
- Loads within allowable safe limit
- Accidental damage, or dislodgement of structure components



**REPORT ALL DAMAGE  
TO THE SHELVING  
SAFETY OFFICER**



**DO NOT** alter the structure without either:

- checking the effects against manufacturers' technical data;
- obtaining approval from supplier



**DO NOT CLIMB  
SHELVING**



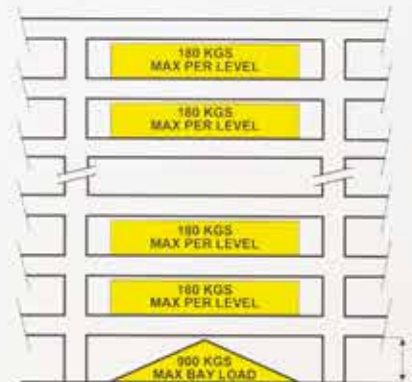
**If in doubt  
ALWAYS  
contact supplier**

Date installed:

**Aug-21**

Contract No:

**A031668**



**AVANTA**  
WORKSPACE CREATION



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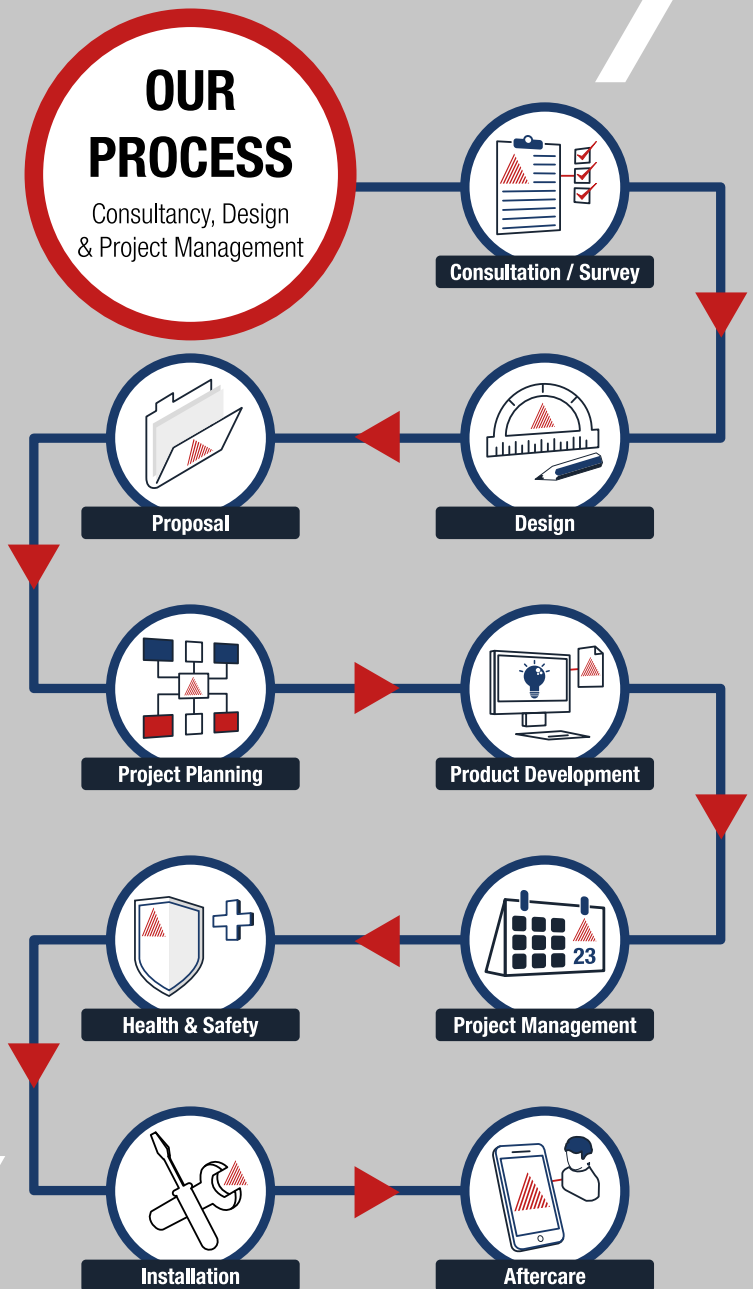
Avanta UK Ltd is an independent company with 20 years experience in designing and sourcing equipment. Long term partnership arrangements and rigorous appraisal of our portfolio of extensive manufacturing partners ensures that our clients have access to high quality and competitively priced standard and non-standard products.

Our specialities include mezzanine floors, storage systems (including warehouse shelving, pallet racking, longspan shelving and mobile shelving systems) and interior solutions (including office partitions, office storage, steel partitions, mesh security cages and workbenches).

We cover the whole of the UK and work closely with the major manufacturers offering warranty, peace of mind and on going support.

See more case studies at  
[www.avantauk.com](http://www.avantauk.com)

For a free, no obligation quote  
**Call - 0800 975 4933**  
Email: [sales@avantauk.com](mailto:sales@avantauk.com)





**MEZZANINE FLOORS**

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**STEEL PARTITIONS**

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**PRINCIPAL CONTRACTOR**

**AVANTA**

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