

ORTEK PTY LTD

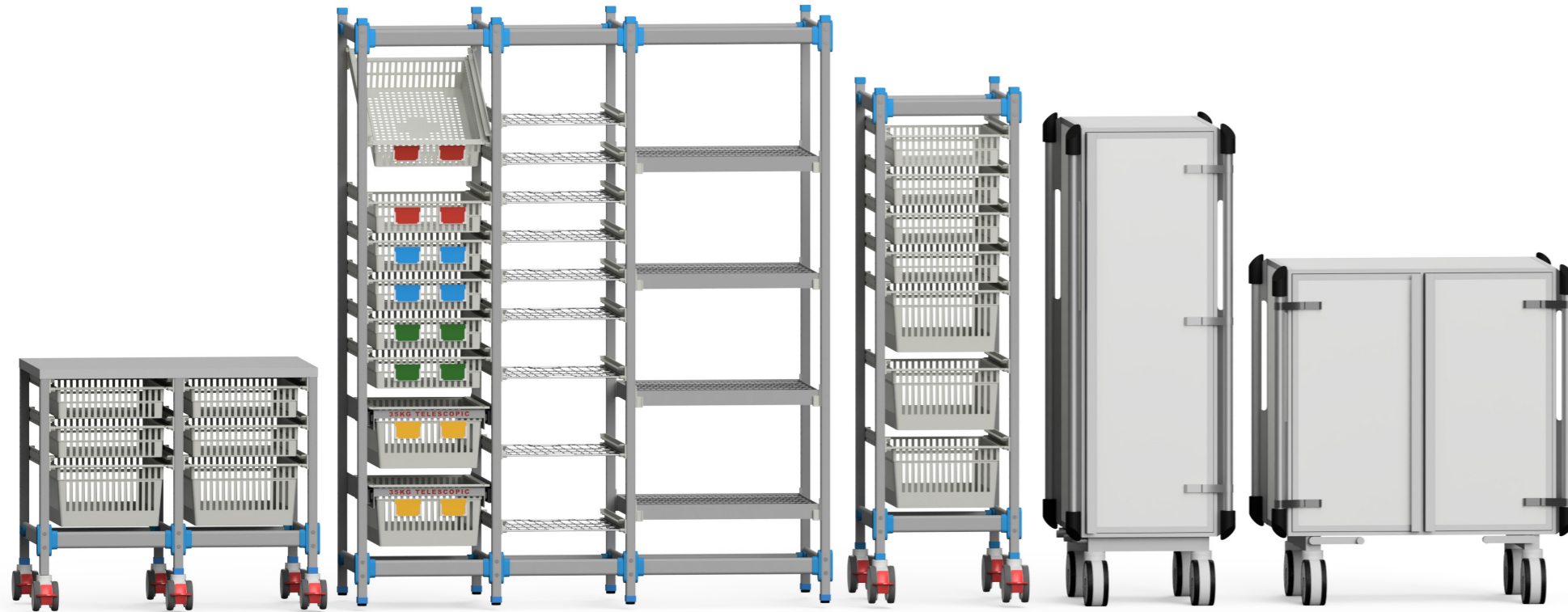
YOUR GOLD STANDARD FOR  
HEALTHCARE STORAGE SOLUTIONS

# 2024 STORAGE INTRODUCTION

An introduction to our FlexShelf and Sterilius Storage systems

# ORTEK OUR PRODUCTS

We specialise in gold standard storage systems for the healthcare industry. Both our FlexShelf and Sterilius product ranges are exclusive to Ortek.



# ORTEK OUR SERVICES



## COMPLIANCE AND RISK EVALUATION

Our experienced team conducts thorough inspections of your facility, delivering comprehensive reports highlighting any compliance and risk concerns requiring immediate and long-term attention. This assessment aids in devising a strategic plan to ensure your hospital meet safety and regulatory standards.



## CONSULTATION AND SPACE OPTIMISATION

We craft customised storage designs to optimise your storage capacity, typically resulting in either a doubling of your current storage or a reduction in your storage footprint by half. Our team of experts collaborates with you to develop a tailored plan that meets your specific needs. Utilising unique 3D renders, we provide visual representations to aid in conceptualising the spatial transformation, facilitating seamless communication with end-users.



## TAILORED SOLUTIONS AND INSTALLATION EXPERTISE

Our design team specialises in creating custom packages tailored to meet your unique requirements for every storage area. With national coverage, we manage the entire project life cycle from design to delivery. Our expertise lies in fast and efficient installations, ensuring minimal disruption to your daily operations.



## EDUCATION AND ONGOING SUPPORT

Following installation, our commitment extends beyond mere implementation. We provide comprehensive education on maximising the efficiency and effectiveness of your storage solution. Our team conducts post-installation audits to assess evolving needs and changes in your operations. Through these audits, we identify opportunities for enhancements or expansions to ensure your storage solution remains aligned with your future requirements. With ongoing support, we ensure your storage solution continues to evolve alongside your business needs.

## MODULAR FLEXSHELF



Flexshelf is a modular storage system designed to create the highest density of storage with the smallest footprint. In most cases, converting from a traditional “tubs on shelves” storage to flexshelf can either halve your footprint or double your storage capacity, and significantly increase organisation and potential compliance issues.

### ALUMINIUM

Flexshelf is made from aircraft grade anodised aluminium. No rust and no powder-coating to chip off. Just long lasting aluminium

### MODULAR

Connect multiple bay configurations to create the most suitable storage solution for the department's needs. If needs change in the future, just disconnect and reconfigure

### DENSITY

The Modular basket system offers significant increases in storage density when compared with typical open shelving and compactus setups. Minimal space is lost between baskets, creating very high density storage in a smaller footprint

### DIVIDE

Dividers for baskets makes creating individual locations for individual products easy and clear.

### LABEL

Coloured label system to easily locate products based on category or speciality

### TOOL-LESS

Tool-less position adjustment for baskets and shelves, providing continuous refinement

### INFECTION

Infection control compliant Aluminium, ABS Plastic and stainless steel. Easy to clean and completely non-porous

### ACCESS

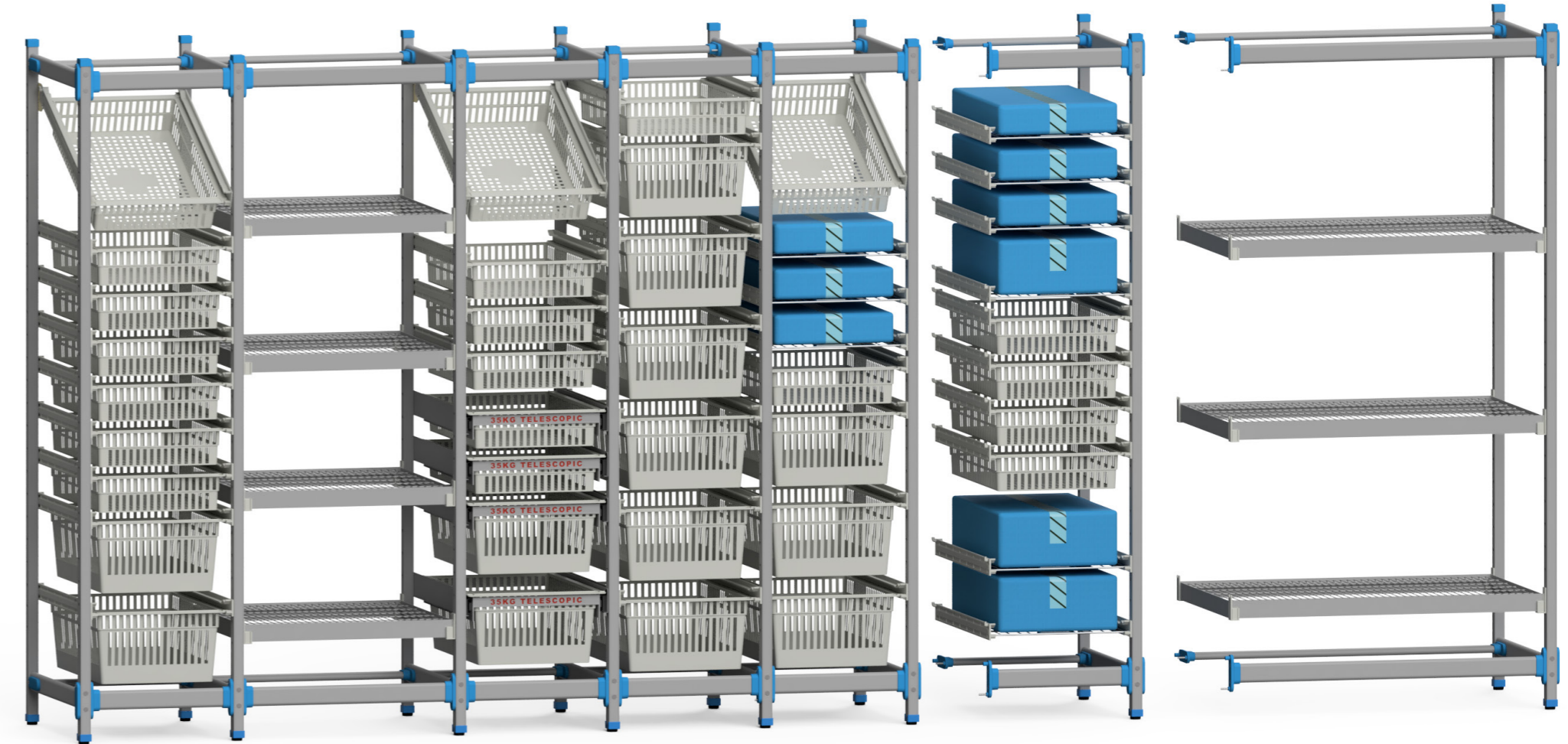
Standard baskets pull out giving full access to all product. Option for angled top basket for easy access for all staff regardless of height

### TELESCOPIC

Upgrade option for baskets using 35kg soft-close telescopic runners for heavier items such as fluid bags and nutrient feed, reducing risk of manual handling injury

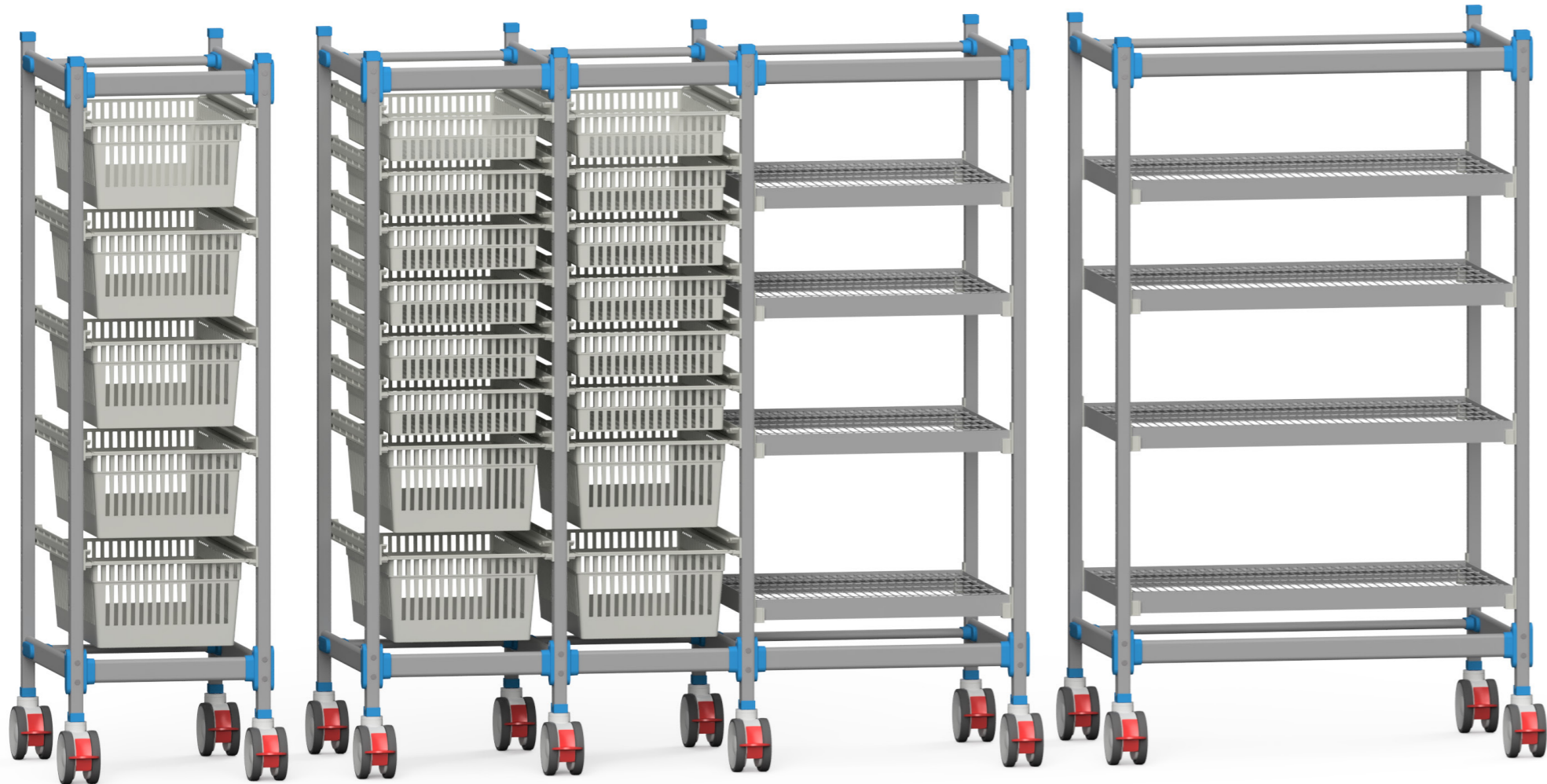
## MODULAR FLEXSHELF

Flexshelf is completely modular, meaning that expanding an existing Flexshelf system is as simple as joining on an extra bay. This also means that if an installed Flexshelf set of bays needs to be relocated to a new space, they can be separated and reconfigured to suite the new space, greatly extending service-life and further reducing replacement costs



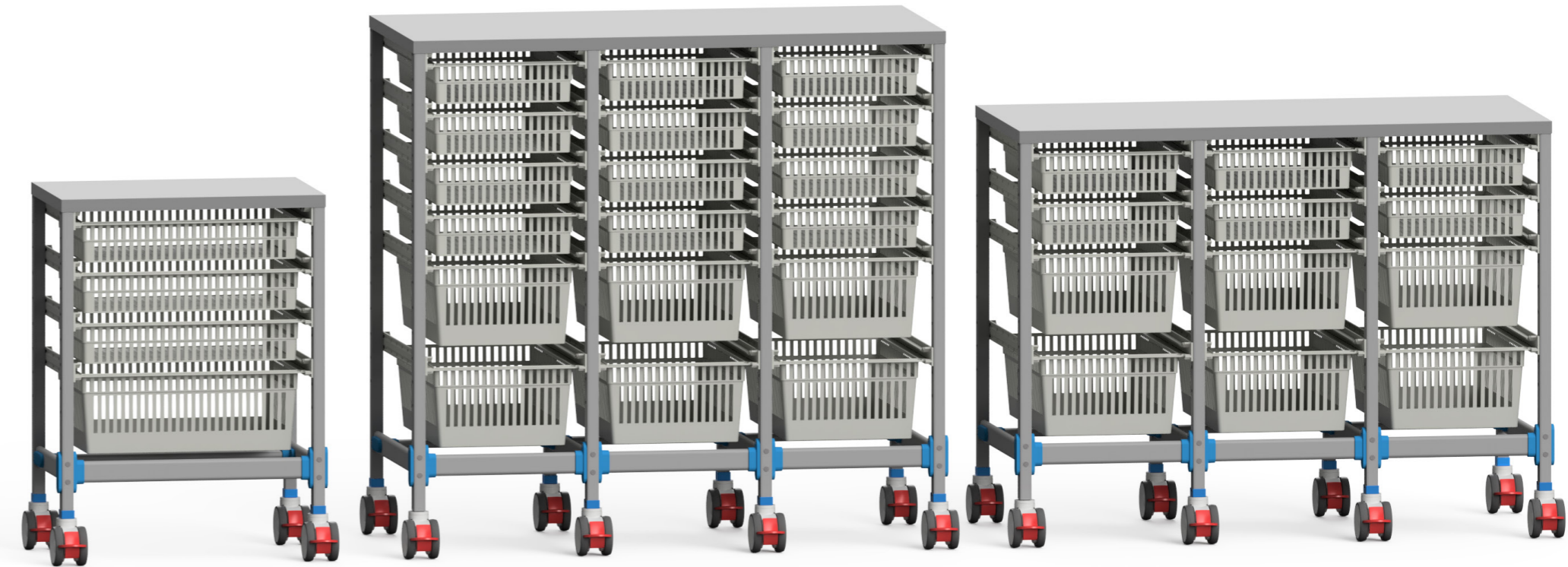
## TRANSPORT TROLLEYS

Flexshelf transport trolleys are just as flexible as their taller non mobile counterparts. These transport trolleys are 1697mm tall and come in several different individual bay configurations, which can be used stand alone, or joined together to create a customised solution



## POINT OF CARE CARTS

Flexshelf Carts come in five different heights, ranging from 799mm to 1311mm, and in Single, Double and Triple bay configurations. A flat stainless steel top gives the perfect work surface for staff completing patient care tasks, and are easy to clean between cases. Flexshelf carts use the same baskets that are in their full height and transport trolley counterparts, which could be setup for "Hot swap" restocking, where at the end of a day staff swap the depleted basket with a prepared basket, leaving the depleted basket to be restocked, ready for the next day.



# PHARMACY / MEDICATIONS FLEXFLOW



## ANGLED TRAYS

5cm deep trays on a 20° angle to allow stock to slide to the front. This angle also provides a clearer visual for average-height staff

## STOCK ROTATION

Pick from the front and replenish to the back. Trays pull forward to allow new stock to be placed at the back. Reduce the amount of product expiring before use by always picking from the front and using the oldest first

## CLEAR OR SOLID

Baskets and trays available in Clear Polycarbonate, or grey ABS Plastic.

## TELESCOPIC

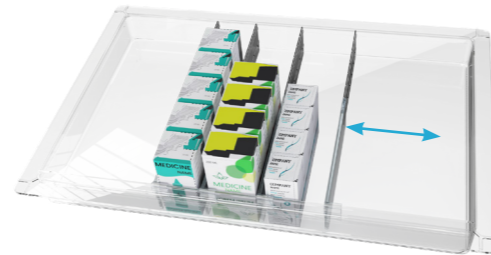
Upgrade option for baskets using 35kg soft-close telescopic runners for heavier items such as fluid bags and nutrient feed, reducing risk of manual handling injury

## MULTI-PURPOSE

Ideal for multi function spaces requiring pharmacy products and heavy fluid products, such as medication rooms and clean utilities.

## SLIDING DIVIDERS

Sliding dividers used to create "lanes" which can easily adjust to the width of the product.



# CSSD / THEATRES INSTRUMENTS



## COMPLY

Comply with Sterile Instrument storage requirements by the reducing the need to stack individual sets on top of each other. Provide each instrument set with their own space and adequate airflow on a smooth stainless steel mesh shelf.

## ORGANISE

Split up your Sterile Store into the different specialities and store required instrument sets, consumables and steripeel instruments together, using a combination of shelves and baskets.

## FUTURE PROOF

If you are considering a transition from wrapped instrument sets to aluminium containers, flexshelf is suitable for both, ensuring longevity and reducing changeover costs

# THEATRE TROLLEY STERILIUS

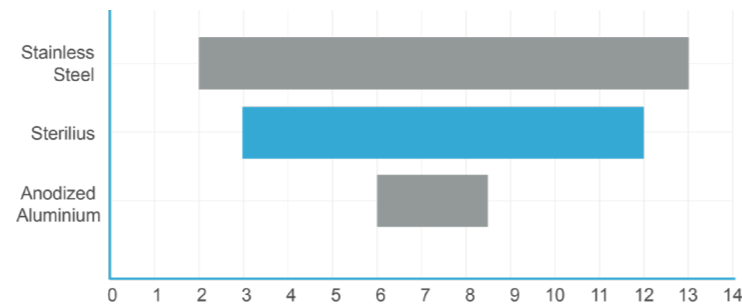


## DESIGN

Sterilius sterile theatre supply trolley is designed and manufactured in Denmark by Medic-AL ApS, in collaboration with the AluCluster Foundation, and Norwegian Industrial designer Hans Christian Bauer. The result is a sterile instrument/supply trolley that is light and manoeuvrable, aesthetically sleek and physically durable, meeting both the hospital requirements and users needs.

## SIZE

Sterilius is available in three different heights (1106mm, 1316mm and 1576mm) and in Single and Double configurations. Ortek can help determine which size works best for your work flow, while considering the size of your washers, lifts and hoists.



## WEIGHT

Starting at 50kg when empty, they are less than half the weight of traditional stainless-steel trolleys and significantly reduce the chances of manual handling injury. Smooth, dual-rolling castors with directional locking capability ensure the trolley glides easily across hospital floors and making "heavy duty" light work.

## WASH

Sterilius Trolleys are coated in a proprietary material capable of withstanding detergents in cart washers with a pH range from pH3 to pH12, up to 90°C, substantially greater than regular anodized aluminium, and near comparable to stainless steel, at a fraction of the weight

# THEATRE TROLLEY STERILIUS

## DOUBLES

Double width Sterilius Trolleys  
Ideal for larger cases that require a wider array of instrument sets



## SINGLES

Single width Sterilius Trolleys  
Ideal for hospitals with smaller hallways and lifts



# THEATRE TROLLEY STERILIUS

Integrate Sterilius Trolleys into your Theatre and CSD work flow.

Transport your sterile wrapped instrument sets and Alu Containers from your Stores to Theatres in the enclosed Sterilius Trolley.

Return the trolleys to CSD after the procedure with your dirty instrument trays, process the trolleys through the cart washer and return the Sterilius trolley to Stores, ready to be prepared for the next round of procedures.



Sterilius Trolleys are ideal for situations where the Main Store and Theatres are separated by significant distance or on separate floors, making transporting instrument sets on open trolleys impossible. Keep your sterile sets clean going to theatre, and keep your hallways safe coming back with dirty trays. Mitigate the infection risks of transporting dirty instruments throughout theatre.

# THEATRE TROLLEY STERILIUS

## BRAND

Branding is available using 3M Vinyl Decals made to handle high temperatures, moisture and a wide pH range.

## COLOUR

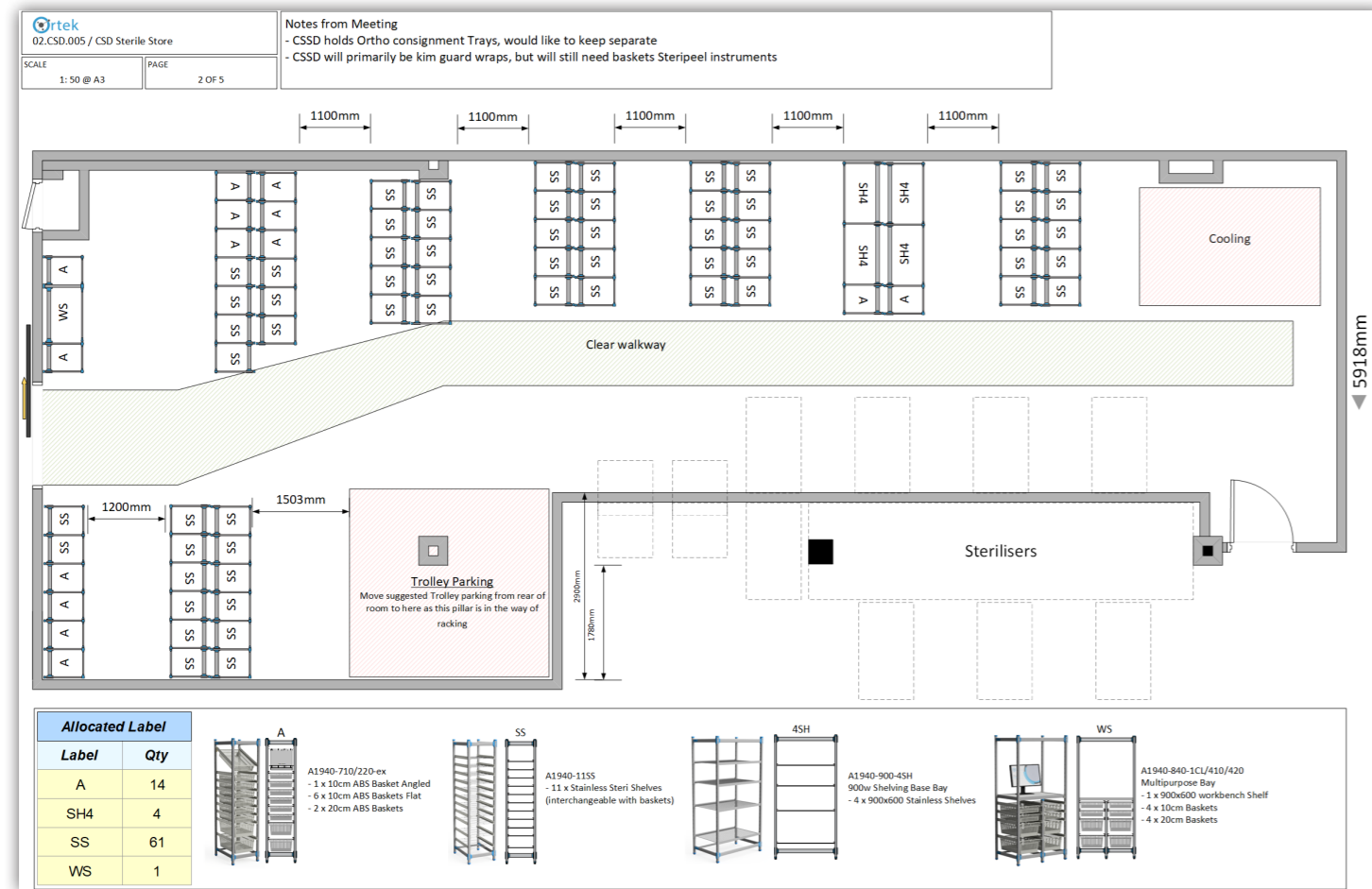
Panels are available in a wide range of colours. Use colour coding to designate trolleys for specific purposes/departments\*



\*Coloured trolleys require additional manufacturing time and are not stocked

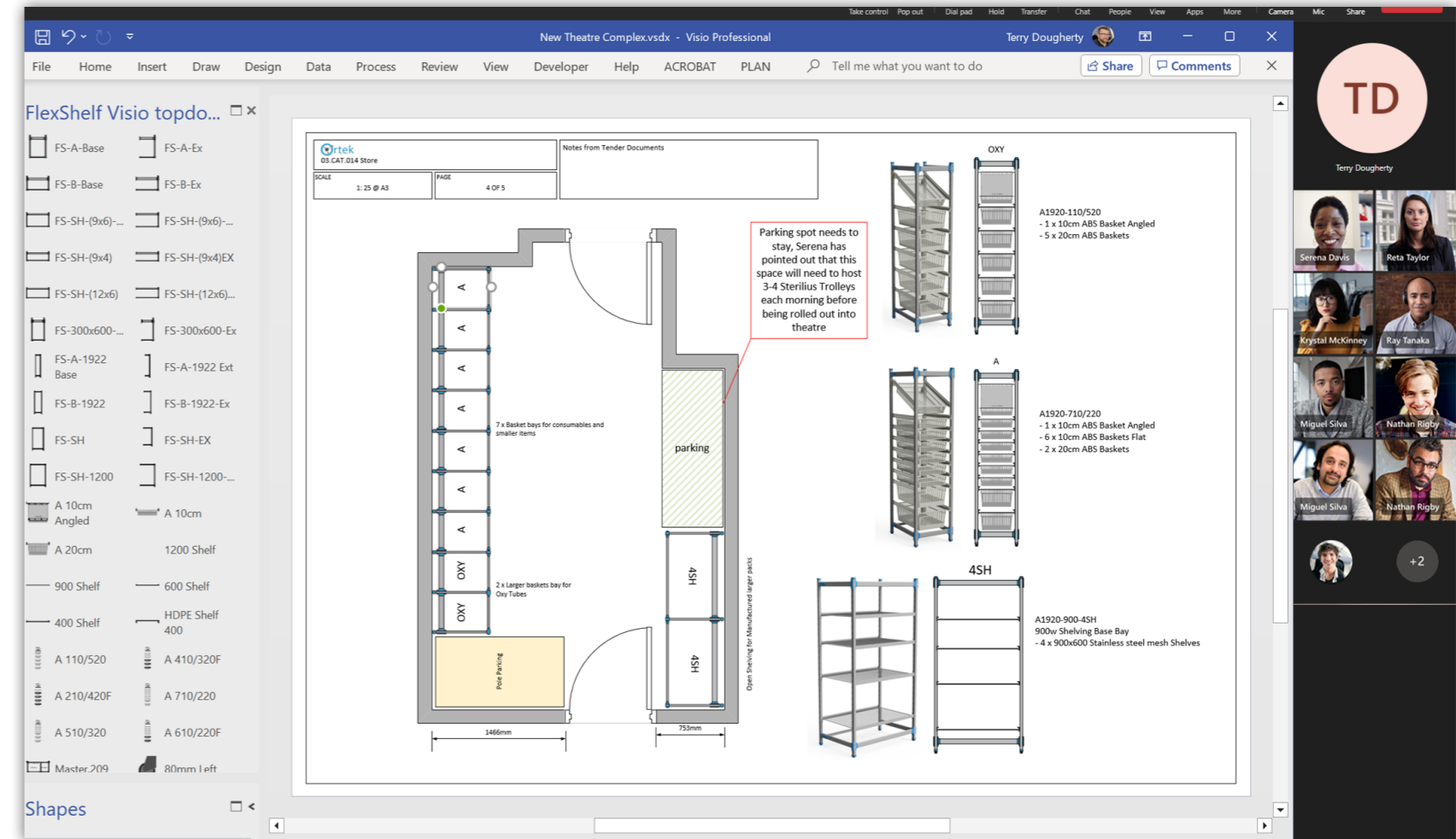
# VISUAL DRAWINGS

Ortek offers drawings that are end user focused. Rather than multiple pages of architectural elevations and hard to understand plans, Ortek keeps the information as clear as possible and easy to interpret. Layouts take into consideration the use of the room, suggested walkways, access issues and most importantly the efficiency and capacity of storage.



# REMOTE COLLABORATION

Once the initial designs are ready, Ortek can host a Microsoft Teams meeting sharing the designs and adjusting them on the fly. This is especially useful for user groups to go through each room's design, suggest changes and see instantly how it effects the layout. This process has substantially greater end-user satisfaction as they feel much more involved, and more often than not, bring insight to the table that the initial architectural team may have overlooked

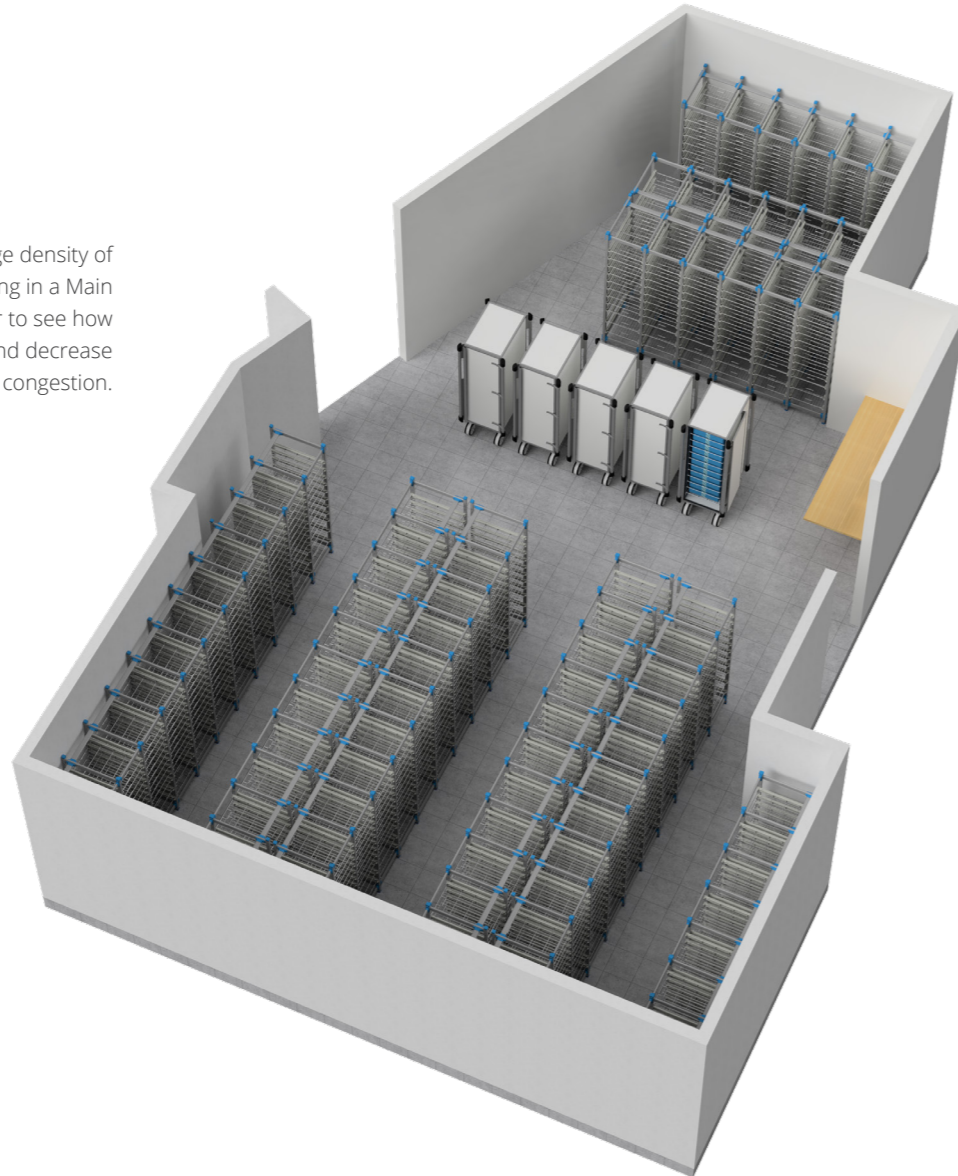




# VISUAL 3D RENDERS

Ortek can offer basic rendered models of your space to help visualize the final layout\*

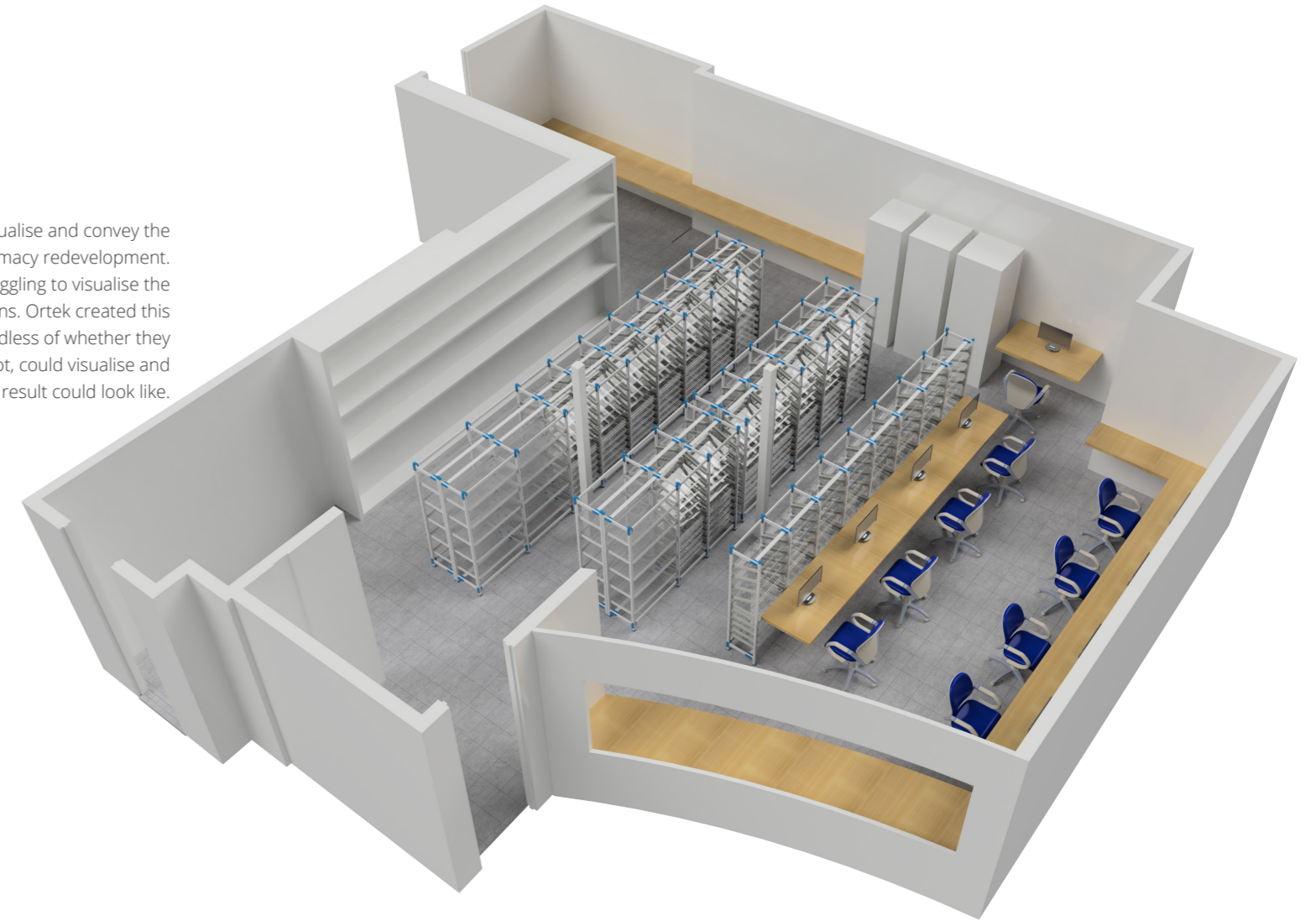
This 3D render was created to help convey the storage density of Flexshelf vs the currently used chrome wire open shelving in a Main Theatre Store. It was also beneficial for the end user to see how the proposed layout would improve their work flow and decrease congestion.



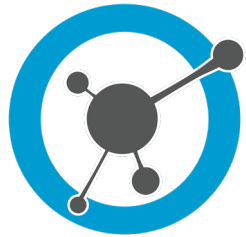
\*3D renders available on a case by case basis

# VISUAL 3D RENDERS

This 3D render was created to help visualise and convey the changes proposed for a Pharmacy redevelopment. Staff involved with the project were struggling to visualise the changes from looking at 2D architectural plans. Ortek created this 3D model so that everyone involved, regardless of whether they could understand architectural plans or not, could visualise and understand that the final result could look like.



\*3D renders available on a case by case basis



**ORTEK** PTY LTD

HEALTHCARE STORAGE SOLUTIONS

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