

# Architectural Access

## Planning

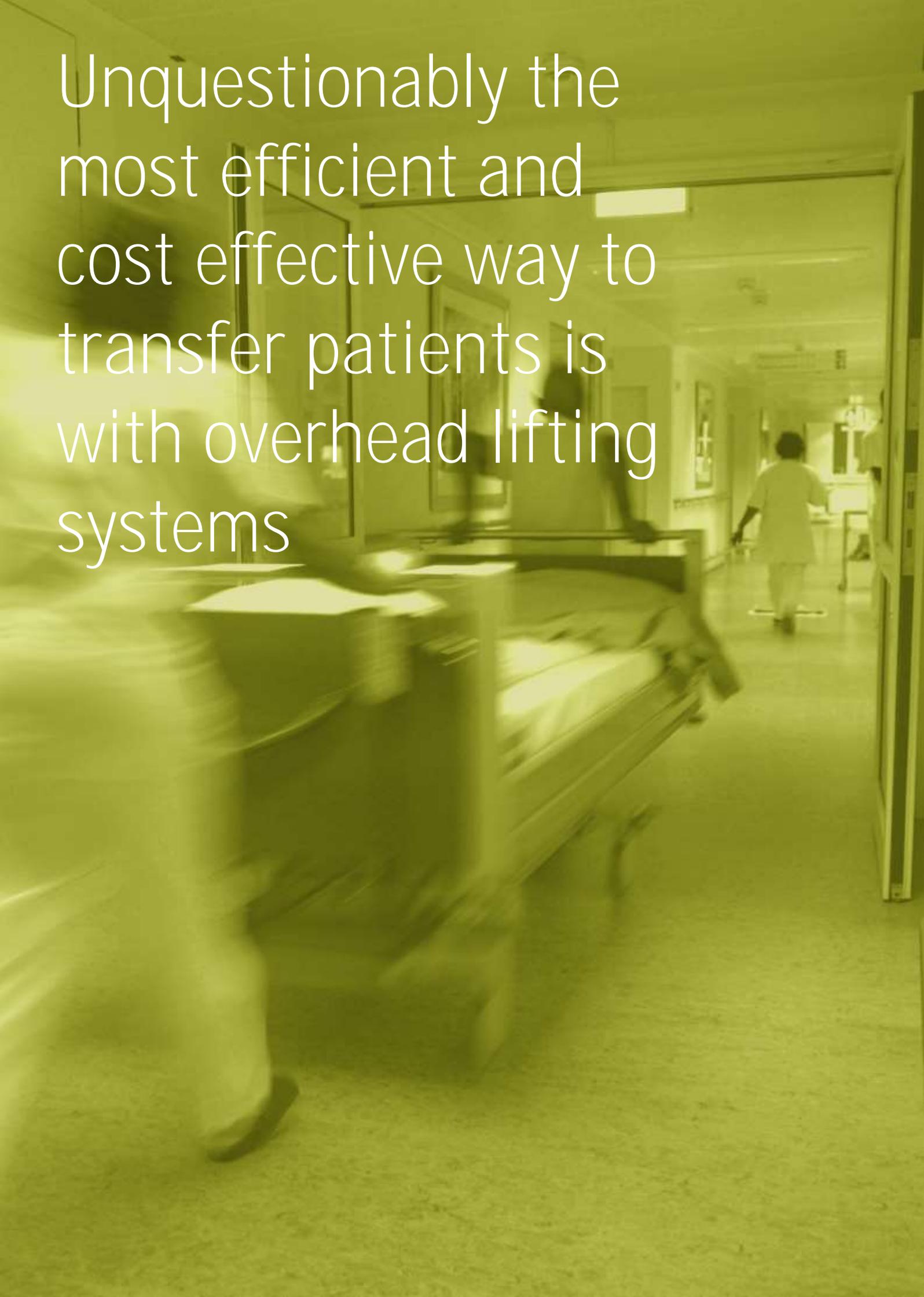




Archability - a fusion of  
'architecture' and 'ability' -  
delivering uncompromised  
accessibility to the built  
environment



Unquestionably the most efficient and cost effective way to transfer patients is with overhead lifting systems



# Overhead lifting systems for diverse patient-centred projects

Overhead patient lifting systems are an integral part of modern healthcare design, enabling safe and efficient transfer of persons with a range of physical disabilities. Typical areas of specification will include hospitals, aged care, supported housing, accessible residences and integrated education projects.

## Support from Archability

Technical support is available as in-house or on-site consultation. Projects can be presented in 2D and 3D files or video animation. This gives clients a clear understanding of the appearance and functionality of their chosen design.



## Choosing the right product

A number of options need to be considered when specifying overhead patient lifting systems – the most important being the points of transfer the client is seeking to achieve.

This will dictate whether a linear system, with or without curves and / or turntables will be sufficient. For more flexibility a room-covering [or X-Y] system can be installed, using either the ceiling or walls for support.

For new projects, clients may wish to consider the more aesthetic option of recessed tracking.



# Accessible bathing and changing products for health and hygiene

Adjustable height fixtures in accessible bathrooms allow for ease of use by all patients and provide ergonomic benefit for carers. Typical applications for Archability bathing systems are supported housing, aged care and some hospital wards. Change tables predominately feature in private homes, educational facilities and aquatic centres.

## Adjustable bathing systems

Adjustable bathing systems are offered in a number of configurations, generally selected on the basis of the clients ability to transfer.

All products offer height adjustability to enable transfers and to facilitate correct working height for carers.

Accessibility options include side entry doors and integrated lifting seats.

Therapeutic options include hydrotherapy, aromatherapy, chromotherapy and music therapy. Clients may also choose between standard thermostatic temperature control or the unique touch-free RADA Sense system.

## Change Tables

Change tables are available in both adult and junior sizes and may be customised to suit clients' spatial requirements and design preferences.

All items are height adjustable except for the basic fold-away wall-mounted model.

Select between a padded upholstered changing surface or a self draining polypropylene shower stretcher.



# Enabling bathrooms by Archability feature fittings in a range of styles from contemporary to traditional designs and in a variety of materials

Fittings and fixtures for accessible bathrooms are traditionally clinical in design and appearance, with an emphasis on stainless steel as the primary construction material. Archability offers products of elegant form and excellent function in keeping with an ethos of creating 'homes' not 'hospitals'.



## Grab rails

Grab rails are available in multiple sizes and configurations to meet the needs of the individual client as well as compliance with accessibility standards.

Both fixed and drop down models have the option of round or elliptical tubing – the latter being for improved grip.

Surface finishes include epoxy coating in various colours, chrome-plating, SOFT grip, Cu+ copper and traditional stainless steel.



## Shower seats

Shower seats allow persons with limited or no capacity to stand to shower safely without the need for bulky mobile equipment.

Archability offers numerous designs with features such as height adjustability, folding function and warm-to-touch polypropylene seats.



# Create healthcare facilities which are 'homes' not 'hospitals', with aesthetic yet functional furnishings

Archability offers design-award winning European furnishings for aged care and supported housing. Adjustable beds are complemented by matching side tables and cabinetry, all with integrated gripping surfaces to facilitate safe mobility.



## Adjustable beds

When specifying furnishings for residential facilities, it is essential to maintain a home-like appearance in conjunction with hospital-style functionality.

High quality European beds offer choice of timber décor, fabric accents and various head/foot board designs. Beds with varying applications [e.g. low lying beds for clients who tend to fall or extra wide beds for the larger client] are all finished identically to avoid any sense of discrimination.

Adjustable beds by Archability raise and lower within their own foot print, rather than in an arc. This saves space and protects wall surfaces. Concealed or semiconcealed lifting mechanisms are an additional means of achieving a non-clinical environment.

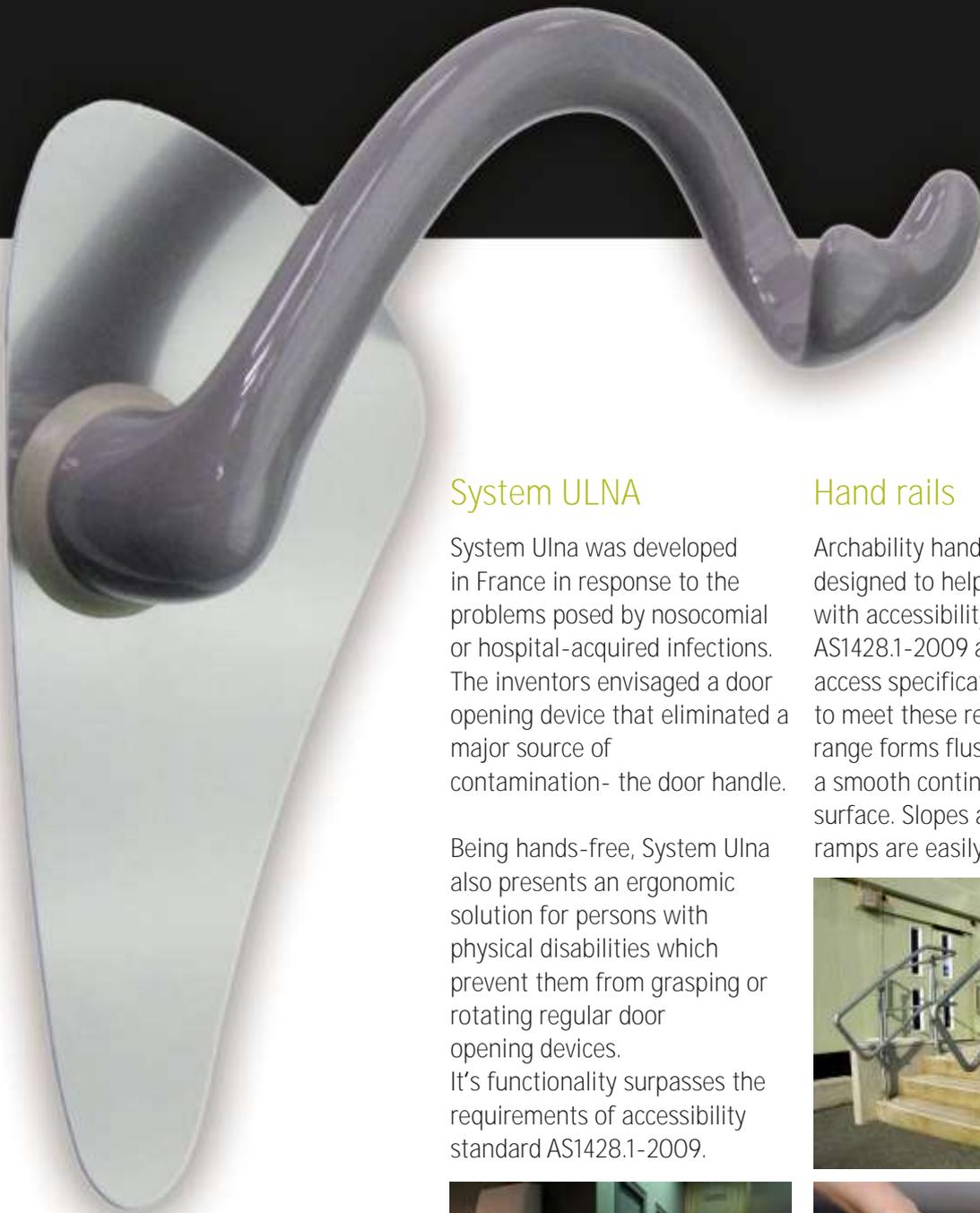


## Sensory furnishings

Sensory furnishings by Archability are the ultimate accessory for designing to facilitate clients suffering from dementia or other cognitive disorders. The SenSit chair —available in 3 designs and numerous colours —is an essential for aged care, mental health, supported housing and special schools.



# Design for access with budget in mind



## System ULNA

System Ulna was developed in France in response to the problems posed by nosocomial or hospital-acquired infections. The inventors envisaged a door opening device that eliminated a major source of contamination- the door handle.

Being hands-free, System Ulna also presents an ergonomic solution for persons with physical disabilities which prevent them from grasping or rotating regular door opening devices. It's functionality surpasses the requirements of accessibility standard AS1428.1-2009.



## Hand rails

Archability handrails are designed to help compliance with accessibility standard AS1428.1-2009 and other public access specifications. In order to meet these requirements, the range forms flush joints to offer a smooth continuous gripping surface. Slopes and access ramps are easily accommodated.



# Archability makes recreational activities available to all persons-regardless of any disability



When designing for accessibility, it is no longer acceptable to consider only healthcare and residential facilities. Persons with physical and/or cognitive disabilities need to be able to effectively access recreational venues as well.

## Pool access

Archability offers a wide range of lifting devices which can provide access to any pool environment. Budgetary constraints and the complexity of patrons' requirements are important considerations. Changing areas may also require accessible features such as lifting hoists and adult-size change tables.



## Playground access

An accessible and inclusive playground means it is as easy as possible for everyone to play, regardless of their abilities or disabilities. Due to community pressure, playgrounds are now being built for maximum inclusion. This may require designing for fixtures such as the Liberty Swing – shown above.



# Changing Places in the public domain are an essential feature of modern community projects

Changing Places is a project to advocate for public toilets with adult-sized change tables and hoists in major public spaces across Australia - meeting the needs of people with complex disabilities.

## Changing Places by Archability Consultancy

Accredited Changing Places toilets feature height-adjustable change tables, overhead patient lifting systems, sufficient circulation space and a centrally placed toilet with room at either end for carers.

Archability offers the complete package of compliant fixtures in addition to fittings such as grab rails which are required by accessibility standard AS1428.1-2009. To create a premium facility, consider including features such as height adjustable basin mounts —at right.

Archability can assist in the design of accredited Changing Places by matching compliant fixtures with the space available. For full accreditation, facilities built after 30 June 2015 must meet Blue Level requirements. For more information, visit [www.changingplaces.org.au](http://www.changingplaces.org.au)



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ACTIVE MOBILITY

