

Altos overview

Altos® is an innovative architectural wall system designed with a clean, modern aesthetic. Simple and efficient, Altos facilitates cost-effective reconfiguration or full relocation as required. Its unique universal framework allows changes in elevation, dimension, Fascia function and finish to maximize the life of the product.

Altos provides a perfect balance of form and function:

- Understated Design clean, crisp European aesthetic
- Functionality fully relocatable, modular wall system
- Integration interfaces with building architecture and integrates with furniture products
- Sustainability reusable parts promote environmental responsibility

- Acoustics/Performance offers both soundblocking and sound-absorbing properties
- Return on Investment easily reconfigured components translate to low cost of ownership
- Technology clear wall cavity accepts four types of electrics, both hard-wired and quick disconnect systems; as well as standard off-the-shelf UL/CSA approved boxes

storefront

Designed with distinct lines and simple

details, Altos lends itself to use as an

elegant storefront.

space division

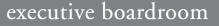




Varied combinations of colors, materials and Fascia styles allow a creative approach to dividing space and defining levels of privacy.

Altos walls combine privacy and aesthetics in the managerial office. Solid Fascias provide visual and acoustical privacy, while clear glazing permits visual access and brings light into the office. Wall-suspended furniture enhances wall functionality. executive office







Altos offers a simple way to define spatial boundaries. Smart Fascias, such as Whiteboard and Tackboard, facilitate training and project room activities. Clerestory glazing transmits light at the upper level, while the Pocket Door maintains privacy.

Solid Fascias finished in warm veneers project a prestige appropriate to the board-room. Wall-mounted storage cabinets utilize the vertical plane while minimizing required floor space.

The simple contemporary elegance of Altos
is ideal for executive settings. Walls finished
in rich veneers complement the range of
Teknion's wood furniture.

Altos offers a simple way
boundaries. Smart Fascias
and Tackboard, facilitate
room activities. Clerestor
light at the upper level, w

Understated design

The clean, crisp lines of Altos harmonize with building interiors. Use of laminate, veneer, glass and fabric on vertical surfaces offers creative use of finishes. Thin anodized frames project a modern aesthetic, while vertical and horizontal reveals add visual interest.

ARCHITECTURAL FEATURES

- ¼-inch frames intersect to create clean connections and a crisp look
- ¼-inch reveals between Fascias match datum lines of Teknion furniture for visual continuity
- The design of radius-profile Glass frames and square-edge Solid Fascias allow Altos to be used as a traditional moveable wall system, as well as a permanent Storefront
- Perpendicular walls connect off-module to maintain the homogenous look offered by same-width Fascias on the primary/ spine wall



Light Grey

Functionality

Altos is a completely modular wall system. Offered as a series of individual components, it is constructed as a build-up and shipped disassembled to easily reconfigure and relocate between floors or buildings.

UNIVERSAL FRAMEWORK

- Ceiling/base channels and vertical posts act as the framework for Altos wall segments
- The framework accepts Fascias that can be removed and interchanged without deconstructing the framework, saving time and costs

 The framework easily reconfigures to accommodate change — horizontal rails can be added to change wall elevation or to manage electrics

HANGING COMPONENTS

- Vertical posts have standard slotting at every inch:
- permits overhead cabinets, worksurfaces and accessories to be hung at any height
- reduces furniture costs of associated worksurface supports such as modesty panels and end gables

DURABILITY VS. DRYWALL

 Altos Fascias require less time and expense to replace versus the repair or reconstruction of drywall



Building integration

Altos walls can be used in any building environment and almost anywhere on a floorplate. Vertical posts with 1-inch increments accommodate standard ceiling heights between 8 and 10 feet. Non-standard ceiling heights can also be fitted to a maximum of 12 feet.

- Vertical posts enable independent floor/ceiling vertical adjustment of +1½ inches and -½ inch, adapting to floor/ceiling variances
- Walls can begin at the building perimeter, window mullions, columns or drywall
- Standard-size panels can be cut in the field for scribing around window sills, bulkheads, etc., adjusting to construction elements

Product integration

Altos offers functional and aesthetic integration with Teknion's Optos seamless glass wall, systems furniture, casegoods, storage and seating. Altos also accommodates lighting requirements and raised floor applications.

• Altos walls connect to Optos at 2-, 3- and 4-way corners as well as variable angle corners

- Altos is compatible with Transit worksurfaces that can be wall-mounted or semi-suspended to furnish a complete office
- To conserve floor space and enhance functionality, walls accept shelving and mounted storage from Teknion's Filing & Storage program





Sustainability / certification

Unlike drywall, Altos walls are completely reusable — making Altos the sustainable product choice.

- Reduces drywall construction and demolition waste shipped to landfills
- Reduces carpet waste associated with cutting around drywall construction
- Reduces on-site dust, noxious fumes and noise pollution associated with drywall construction
- Improves indoor air quality associated with lack of drywall dust and paint fumes

CERTIFICATION / CODE COMPLIANCE

- GREENGUARD® for Indoor Air Quality
 - ISO 9001-2000 Quality
 - ISO 14001-2004 Environmental Management System

Management System

- Meets ICC-ES building code standards, including compliance for seismic zones
- CSA/UL certified



Acoustics / performance

Altos walls can provide both sound-blocking and sound-absorbing properties. Altos' ability to block sound transmission equals or exceeds standard drywall construction or other wall systems. No insulation is required to achieve normal speech privacy.

- Solid monolithic elevation provides:
- 40 STC with no insulation
- 48 STC with insulation
- Double Glazed full-height elevation provides:
- A balance of acoustic privacy and light penetration

- Acoustic Fascias provide:
- 32 STC with no insulation
- 40 STC with recycled cotton insulation
- Standard drywall construction:
- 38-40 STC with no insulation

NRC (NOISE REDUCTION COEFFICIENT) PERFORMANCE TESTING

- Acoustic Fascias provide:
- 0.75 NRC

- Tested in accordance with ASTM E90 requirements — airborne sound transmission loss of building partitions and elements
- Up to Class A fire rating



Return on investment

Altos' intrinsic ability to be reconfigured and repurposed maximizes the life of the product, translating to a low cost of ownership.

- Reduced cost of change universal frame permits change in Fascia aesthetic, width, function and elevation
- Compressed construction schedules
- Phased-in installation
- Inventory management
- Accelerated depreciation

• For tax purposes, in North America Altos is classified as office furniture and equipment. As a result, its cost can be depreciated on an accelerated basis over 7½ years versus 39 years for fixed construction.



SHOWN: Altos with Almanac Cabinets, Conference Table and Contessa task seating

GLASS FASCIAS: Front - Clear/Clear Back/Sides - Clear/Frost SOLID FASCIAS: Veneer - Flintwood, Flax Glass - Frost

BARN DOOR:

STORAGE: Almanac, Case – Mica, Platinum Doors - Glass, Frosted

Drawers – Flintwood, Flax

CONFERENCE TABLE: Natural Veneer – Maple SEATING: Contessa, Frame - Tess Silver Upholstery - Tess Mesh, Light Grey

Altos fascias

Fascias sheathe the Altos framework to enclose, separate and define space. Classified by materials and elevations, Fascias readily interchange to alter aesthetics and function without costly, time-consuming and disruptive replacement of an entire wall section.

FASCIA FFATURES

- To expand planning applications and customize design, inner and outer Fascia elevations and finishes may differ
- Fascias are available in laminate, veneer, glass and fabric all supported within the same framework
- Fascias build up to accommodate ceiling heights of 96 to 120 inches in 1-inch increments
- Ceiling and Base Fascias are available
 4 and 6 inches high (not used with Monolithic Fascias)

- Fascias are offered in core widths of 12, 30, 36, 40, 42 and 48 inches to accommodate integration of furniture products
- Standard widths are accommodated with 1-inch incremental sizes between 12 and 48 inches
- Working Wall elevations integrate Smart
 Fascias which provide functionality to the
 vertical surface of the wall
- Smart Fascias include Tackboard,
 Whiteboard and Accessory

STANDARDIZED PLANNING

Planning with standardized core Fascia widths offers the following advantages:

- Permits worksurfaces, mounted storage and accessories to be suspended from Altos walls
- Simplifies planning with limited number of Fascia width variations
- Better accommodates reconfiguration and inventory management
- Maintains a homogenous aesthetic

WALL ELEVATIONS

- Monolithic no horizontal reveals
- Full-Height one Fascia between Base and Ceiling Fascias
- Segmented two Fascias between Base and Ceiling Fascias; one reveal at 84 inches above finished floor
- Segmented Monolithic no Base and Ceiling Fascias; two Fascias between floor and ceiling; one reveal at 84 inches above finished floor
- Working Wall three Fascias between
 Base and Ceiling Fascias; two reveals
 at 36 and 84 inches above finished floor
- Working Wall Monolithic no Base and Ceiling Fascias; three Fascias between floor and ceiling; two reveals at 36 and 84 inches above finished floor



ΓACKBOARD FASCIA

The Tackboard Fascia has a fabric-wrapped surface available in all Teknion panel and Architectural fabrics. It can be used with a 3-inch shelf to display and support items.

WHITEBOARD FASCIA

Providing a dry-erase surface, the Whiteboard Fascia can be used with a 3-inch shelf to support markers and brushes. It provides a magnetic surface for added functionality.



ACCESSORY FASCIA

The Altos Accessory Fascia has a 15-inch-high accessory rail that can be used to suspend Altos shelves and Personal Organizers.



ACOUSTIC AND FABRIC FASCIAS

Acoustic Fascias provide superior sound-blocking and sound-absorbing properties, addressing both STC and NRC within an enclosed space. A tackable surface adds functionality. Fabric Fascias are fabric-wrapped solid fascias, aesthetically similar to Acoustic Fascias but do not provide sound-absorbing properties.



A BLINDS

For variations in privacy and light transmission, Blinds can be installed within double-sided Glazed Fascias.

A control knob mounted on either side of the vertical frame activates the Blinds.



WODVING WALL EASOLA

The Working Wall Fascia with cutouts supplies face-mounted power/communications access, utilizing receptacle and communications modules to deliver power/data. The cutouts accept client-supplied electrical/data boxes, receptacles and faceplates.

Altos finishes

Altos offers an array of color and material choices. Selecting varying tones and patterns, and applying them to different Fascia elevations, offers creative combinations. Altos finishes and patterns coordinate with Teknion furniture products for a beautifully integrated interior palette.

FASCIA FINISHES

- Solid Fascias
- Available in Laminate and Veneer
- Veneer grain direction is vertical and continues through all Fascia elevations
- Feature a finished square edge
- Glass Fascias
- Available in Clear, Frost and Architectural Patterns
- Glass Fascias may be Double-Sided or Single-Centered for different aesthetic applications
- Radius-profile frame is available in clear anodized and painted finish

- Acoustic and Fabric Fascias
- Available in Architectural fabrics that offer environmentally-conscious sophisticated patterns with linear appeal
- Feature a fabric-wrapped square edge
- Acoustic Fascias feature sound-absorbing and sound-blocking properties

SPECIALTY GLASS

Teknion offers a creative collection of architectural glass on Altos walls.

- Skyline Design
 - A collection of etched patterns offering varying degrees of light and privacy
- Patterns are produced using an environmentally-friendly etching process
- Vanceva
- A collection of laminated colors in transparent and translucent options
- Colors are permanently laminated together between glass forming a durable, easy to maintain surface

Glass Fascias: Clear/Frost Frames: Clear Anodized Solid Fascias: (*left*) Laminate – Stainless; (*right*) Veneer – Flintwood, Light Oak Glass Fascias: Vanceva, Golden Light; Sapphire; Ruby Red Frames: Clear Anodized Solid Fascias: Laminate – Storm White

Glass Fascias: Vanceva, 80% Cool White Frames: Clear Anodized Solid Fascias: Veneer – Flintwood, Flax Glass Fascias: Clear Frames: Anodized Aluminum Solid Fascias: Laminate – Stainless

A Glass Fascias: Skyline, Weaves & Textures, Purl – Option A Frames: Espresso painted Solid Fascias: Fascia Laminate – Stainless

Glass Fascias: Architectural Louvered
Frames: Latte painted
Solid Fascias: (*left*) Veneer – Flintwood, Chianti
(*right*) Veneer – Flintwood, Light Oak

Glass Fascias: Clear; Architectural Frosted Solo Square Frames: Latte painted Solid Fascias: Veneer – Flintwood, Dark Olive A
Glass Fascias: Frost; Architectural Frosted Square Collective

Glass Fascias: Frost; Architectural Frosted Square Collective
Frames: Espresso painted
Solid Fascias: Veneer – Flintwood, Light Oak



SINGLE-CENTERED GLASS FASCIA

Altos doors

Altos offers a selection of doors to meet privacy needs. Most doors are available in Full and Segmented heights, in different styles, finishes and handle options to offer a range of aesthetic choices.

DOOR FEATURES

- Full-Height Doors are available for ceiling Transoms are available for use above heights of 96 to 120 inches in 1-inch increments
- Segmented-Height Doors are fixed at 84 inches and can be used for ceiling heights of 96 to 120 inches in 1-inch increments
- Segmented-Height Doors
- To minimize sound leakage, most Doors are available with an optional drop seal
- To prevent wall damage, swing Doors include a base-mounted door stop

DOOR STYLES

- Pocket Door
- Hinged Door
- Hinged Double Door
- Pivot Door
- Barn Door
- Double Barn Door

DOOR FINISHES

Most door styles are available in the following finishes:

- Solid Laminate and Veneer
- Solid with Glass Insert

- Glass Clear and Frost
- Door frames are available in clear anodized aluminum and painted
- Door handles and hinges are brushed chrome

FULL-HEIGHT

- 72 and 80 inches wide (with door frame)
- Glass thickness is 10mm
- Creates a sliding door by mounting to the inside or outside face of wall modules

- 96 inches wide (with door frame)
- Consists of a sliding door leaf that tucks into an adjacent frame cavity, each measuring 48 inches in width
- Door leaf measures 1¾ inches thick
- Space efficient, as no door swing space is required

- 40 and 42 inches wide (with door frame)
- Glass thickness is 10mm
- Creates a 90-degree swing
- An optional 10-inch-high kickplate is available

- 40 and 42 inches wide (with door frame)
- Hinged Double Door (not shown) is available
- 72, 80 and 84 inches in width
- Door leaf measures 1¾ inches thick
- Creates a 180-degree swing
- Pivot Doors (not shown) offer the same features



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GLASS BARN DOOR, SEGMENTED-HEIGHT SOLID BARN DOOR, FULL-HEIGHT

- 40, 42 and 48 inches wide (with door frame)
- Glass thickness is 10mm
- Mounts to the inside or outside face of wall modules

- 40, 42 and 48 inches wide (with door frame)
- Solid door thickness is 1¾ inches
- Mounts to the inside or outside face of wall modules

BARN DOOR WITH GLASS INSERT, FULL-HEIGHT

- 40, 42 and 48 inches wide (with door frame)
- Solid door thickness is 1¾ inches • Glass thickness is 10mm
- Mounts to the inside or outside face of wall modules

Special architectural conditions

Altos adapts to site conditions and architectural features often encountered in building construction, such as bulkheads, window sills, baseboards and drapery pockets. Products such as Filler Panels, Adjustable Wall Ends and Wall Starts tailor fit Altos to building structures.

Hanging accessories

Altos accepts a variety of hanging accessories that personalize the workspace while also adding functionality and efficiently using space.

FILLER PANEL

The Filler Panel can be cut to fit around building structures, such as a bulkhead. It is available as a 24- and 30-inch-wide sheet which is cut to size on-site.

ART HOOK

The Art Hook mounts from the horizontal reveal above the Fascia. The 48-inch-long cord adjusts to position artwork at the desired height.

TOLOMEO LIGHT

Available from Teknion's Complements program, the Tolomeo light neatly mounts into the Altos vertical reveal.









ADJUSTABLE WALL END

The Adjustable Wall End allows dimensional adjustment of wall width on-site to complete a wall run where interfacing with building architecture.

Office Signage coordinates with workstation signage used for systems furniture. Information signage is also available to display information such as meeting schedules and awards.

COAT HOOK

The Coat Hook mounts on-module in the vertical reveal at any height.

Technology

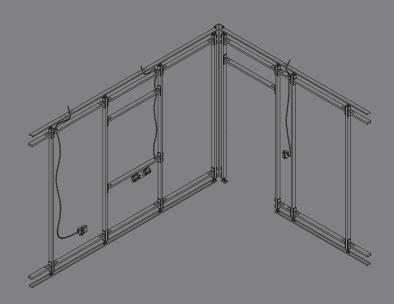
Designed to handle technology, Altos walls are 4 inches thick with 2½ inches of accessible, clear cavity space that allows wires to be run horizontally and vertically. Altos electrics are contained in a metal conduit with RF shielding • Custom locations easily accommodated for separate power/data integrity.

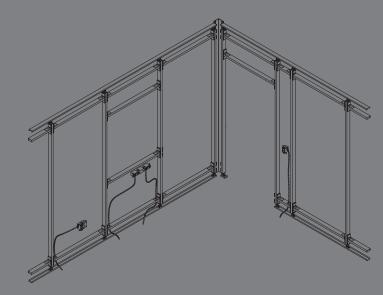
RECEPTACLE LOCATIONS

- Base height
- 18-inch height
- Worksurface height
- 42-inch height for switches

THREE TYPES OF ELECTRICS

- Field Supplied
- client customized
- standard or isolated circuit wire system
- Hardwire
- each receptacle fed individually
- standard or isolated circuit wire system
- Modular Electrics
- allows for spine planning and routing power between receptacles
- requires fewer connections to building power
- cost-effective and easy to reconfigure
- compatible with systems furniture
- supports 4- to 8-wire systems



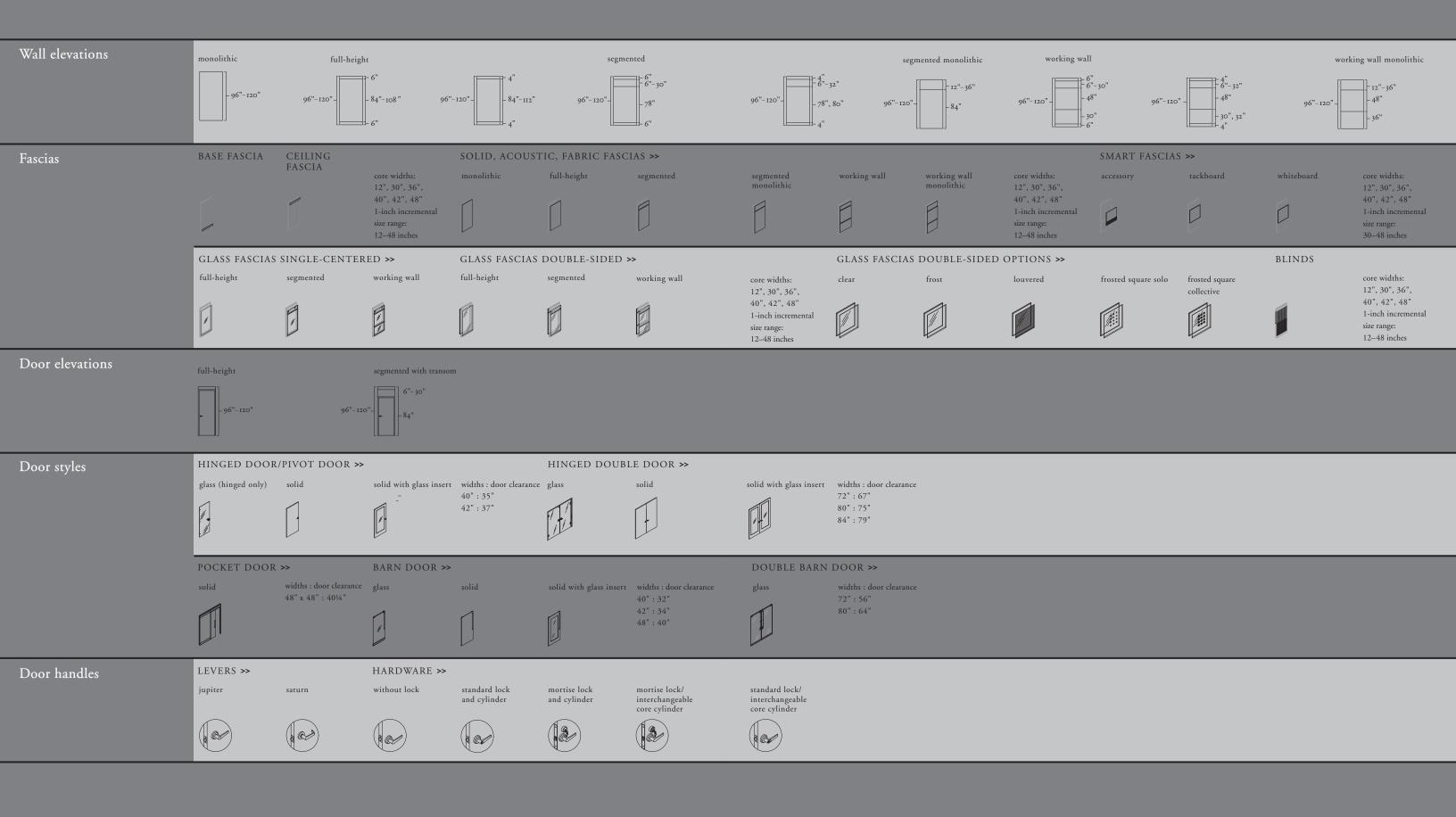


Power and communications cable distribution

CEILING FEED (left) / BASE FEED (right)

Cables are fed from the ceiling or access floors through cutouts in ceiling and base channels to Receptacle and Communications Modules.

At a glance



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