

Teknion architectural products



optos

Optos overview

Optos® is a seamless glass wall system with a refined design aesthetic. The wall provides full-height space division with extensive leveling tolerances, as well as visual and functional integration with Teknion's Altos wall system.

Simple in concept and intelligent in design, Optos features:

- Sophisticated Aesthetic – seamless transparency with precision-fitted joins project a highly refined image
- Functionality – provides two leveling ranges to accommodate variations in floor surfaces
- Integration – connects with Altos and interfaces with building architecture
- Sustainability – design and materials support environmental responsibility

space division



A variety of glass finish options and the Optos finished wall end create attractive wall division for casual areas.

boardroom



Clear glass defines meeting spaces, creates acoustical privacy and allows natural light to penetrate interior spaces.

storefront



Designed with clean lines and refined details, Optos projects an elegant storefront application.

curved storefront



Optos' curved wall feature extends the capabilities of full-height seamless-glass partitioning, enabling it to be easily planned along a curved path.

Aesthetics

Optos projects a highly refined image distinguished by simplicity and continuous transparency.

SEAMLESS TRANSPARENCY

- Glass panels are joined using an unobtrusive, high bond adhesive tape to minimize vertical joints and create a seamless glass transition
- Glazed corners have a mitered edge employing the same joining method

REFINED DETAILING

- Low profile, unobtrusive base and ceiling trim provide a high degree of fit and finish
- Mitered glass and minimal aluminum transitions provide a precision fit at joins

FINISH / MATERIAL OPTIONS

- Single 10mm center-mounted glass is available tempered or laminated
- Glass options include clear, frosted or graded-in glass from Teknion's Vanceva and Skyline program
- Optos trim surfaces are offered in anodized aluminum
- Reveals are available in clear anodized, platinum or black to coordinate with Altos



>> OPTOS:
Glass – Graded-in Vanceva, Pure White and Clear
 TABLE:
Casual Oval Lounge Table, Surface – Foundation Laminate, Storm White
 SEATING:
Aegis, Upholstery – Gabriel Wool, Gaja Orange
Base – Foundation, Storm White

>> OPTOS:
Glass – Clear
 TABLE:
Casual Oval Lounge Table, Surface – Flintwood, Flax
 SEATING:
Tux, Upholstery – Leather, White
Ceiling/Base Reveal – Clear Anodized/Platinum
Base – Mica, Platinum

Functionality

ADVANCED LEVELING RANGES

- Two base designs offer two leveling ranges up to 1 inch and 2 inches
- Both leveling options can be used within the same installation to accommodate point leveling and floor deviations

SUSTAINABILITY

- Aluminum and steel components can be separated for end-of-life recycling; steel components contain recycled content
- Supports LEED initiatives by admitting natural light to the interior of a building while providing exterior views

CERTIFICATION / CODE COMPLIANCE

- GREENGUARD® Certified for Indoor Air Quality
- ISO 9001-2000 Quality Management System
- ISO 14001-2004 Environmental Management System
- CSA/UL certified

ACOUSTICAL PERFORMANCE

- STC (sound transmission class):
 - Tempered glass 34 STC
 - Laminate glass 35 STC
- Offers a balance of acoustic and territorial privacy while still transmitting light
- Offers acoustic seals on glass-connecting components and on doors

RELOCATABLE

- Optos can be dismantled, moved and reused to maximize the life of the product and reduce cost of ownership



>>
 OPTOS:
 Glass – Clear
 Ceiling/Base Reveal – Black

ALTOS:
 Fascias – Flintwood, Flax

TABLE:
 Oval Meeting Table,
 Surface – Flintwood, Flax
 Base – Chrome

SEATING:
 Metrix,
 Upholstery – Gabriel
 Wool, Gaja Orange

>>
 OPTOS:
 Glass – Clear
 Ceiling/Base Reveal –
 Anodized/Platinum;
 Background: Black

ALTOS:
 Fascias – Flintwood, Flax

TABLES:
 Audience Boat Boardroom
 Table and Rectangular
 Work Table,
 Surface – Flintwood, Flax
 Base – Chrome

STORAGE:
 Audience Credenza,
 Case – Flintwood, Flax
 Doors – Glass

SEATING:
 Metrix,
 Upholstery – Leather,
 White and Gabriel Wool,
 Gaja Orange



Integration

Optos walls can be used in any office environment, integrating with building architecture and with Teknion's Altos wall system for increased functionality.

INTEGRATION WITH ALTOS

- Optos connects with Altos to provide solid walls and to support wall-mounted furniture

- Optos walls connect to Altos at 180 degrees and 2-, 3- and 4-way corners
- The width of the Optos wall matches Altos for a uniform look

BUILDING INTERFACE

- Walls can begin at the building perimeter, window mullions, columns, bulkheads or drywall surfaces for maximum planning flexibility
- Two leveling ranges – 1 inch and 2 inches – adapt to a range of floor variances

- Optos is available in 1-inch height increments to accommodate ceiling heights between 8 and 10 feet
- Glass is available in 1/8-inch width increments to ensure a precise fit



>>
OPTOS:
*Glass – Clear
 Ceiling/Base Reveal – Black*

ALTOS:
Fascias – Flintwood, Flax

TABLE:
*Rectangular Work Table,
 Surface – Flintwood, Flax
 Base – Chrome*

SEATING:
*Metrix,
 Upholstery – Gabriel Wool,
 Gaja Orange*

>>
OPTOS:
*Glass – Clear
 Ceiling/Base Reveal – Black*

ALTOS:
Fascias – Flintwood, Flax

TABLE:
*Rectangular Work Table,
 Surface – Flintwood, Flax
 Base – Chrome*

SEATING:
*Metrix task chair and
 Aegis bench,
 Upholstery – Gabriel
 Wool, Gaja Orange*



Optos doors

Optos offers doors in a selection of styles with a range of lock/handle hardware. A solid side panel can be used in combination with all door styles to accommodate wiring/switching access for lighting and electrics.

DOOR STYLES

- Single Hinged Glass Door
- Double Hinged Glass Door
- Glass Barn Door
- Double Glass Barn Door
- Single Hinged Solid Door

DOOR FEATURES

- Glass doors are available in tempered, laminated or graded-in glass from Teknion's Vanceva program
- Solid doors are available in Laminate or Veneer

- Available in 1-inch height increments to accommodate ceiling heights between 8 and 10 feet
- To prevent wall damage, swing doors include a base-mounted door stop

- Single Hinged and Double Hinged Doors use conventional architectural lock and handset hardware



A. DOUBLE GLASS BARN DOOR

- 72 and 80 inches wide with door frame
- Glass thickness is 10mm
- Enhanced seals on all sides minimize acoustic transmission
- Dampening mechanism safety feature slows doors as they open/close

B. GLASS BARN DOOR

- 40 and 42 inches wide with door frame
- Glass thickness is 10mm
- Enhanced seals on all sides minimize acoustic transmission

C. SINGLE HINGED GLASS DOOR

- 40 and 42 inches wide with door frame
- Glass thickness is 10mm
- Features a 180-degree door swing
- Optional 10-inch-high kickplate is available

D. SINGLE HINGED SOLID DOOR

- 40 and 42 inches wide with door frame
- Door leaf measures 1 3/4 inches thick
- Features a 180-degree door swing

E. DOUBLE HINGED GLASS DOOR

- 72 and 80 inches wide with door frame
- Glass thickness is 10mm
- Features a 180-degree door swing

- Vertical seal and stop are included between doors
- Doors are fixed at 84 inches high; transoms are included above doors in 1-inch height increments to accommodate ceiling heights between 8 and 10 feet

Optos features

90-DEGREE CORNER

Mitered glass and aluminum corner trims provide a precision fit and a clean aesthetic.



3-WAY OFF-MODULE GLASS CONNECTION

Glass demising wall connection uses the same high bond adhesive tape to create a minimal glass corner transition.



CURVED OPTOS

Straight modules of glass join to create faceted glass walls. The modules are joined using Optos' standard clear high bond adhesive tape to create a seamless glass transition.



ARTICULATING CORNERS

Articulating corners provide variable angle adjustment between +10 and -10 degrees, for use with straight or curved Optos application.



LEVELING

Optos offers a leveling range up to 1 inch for use with raised floors or where leveling requirements are minimal, and a 2-inch range for more uneven areas. Reveals are available in platinum or black.



BARN DOOR SEAL

To maximize acoustic privacy, Barn Doors include integrated vertical and horizontal seals on all sides.



INTEGRATION WITH OPTOS

Optos intrinsically integrates with Altos, including leveling range, finishes and transition reveals.



OPTOS CLERESTORY

Demising walls, using Optos Clerestory and Altos fascias, provide seamless integration with Optos storefronts.



OPTOS CLERESTORY

Optos Clerestory modules are used above 84 inches high with Altos fascias below. Altos walls support furniture and storage and are available in all standard Altos elevations.

At a glance

<p>Frames</p>	<p>wall start h 96" – 120"</p> 	<p>variable angle wall start h 96" – 120"</p> 	<p>wall end h 96" – 120"</p> 	<p>curved wall end h 96" – 120"</p> 	<p>ceiling top spacer w 36", 48", 72", 96", 120"</p> 	<p>curved wall ceiling top spacer – glass w 20" – 36"</p> 	<p>curved wall ceiling top spacer – door w 40", 42"</p> 	<p>ceiling frame beam w 36", 48", 72", 96", 120"</p> 	<p>curved wall ceiling frame beam – glass w 20" – 36"</p> 	<p>curved wall ceiling frame beam – door w 40", 42"</p> 	<p>base frame & channel assembly w 36", 48", 72", 96", 120"</p> 	<p>curved wall base frame & channel assembly w 20" – 36"</p> 	<p>vertical post h 96" – 120"</p> 	<p>vertical trim h 96" – 120"</p> 	<p>curved wall vertical trim – door h 96" – 120"</p> 	<p>ceiling horizontal trim w 36" – 120"</p> 	<p>curved wall ceiling horizontal trim w 20" – 36"</p> 	<p>base horizontal trim w 36" – 120"</p> 	<p>curved wall base horizontal trim w 20" – 36"</p> 
<p>Fascias</p>	<p>glass kit h 96" – 120" w 20" – 36"</p> 	<p>electrical side panel h 96" – 120" w 12"</p> 																	
<p>Doors</p>	<p>glass barn door h 96" – 120" w 40", 42"</p> 	<p>double glass barn door h 96" – 120" w 72", 80"</p> 	<p>single hinged glass door h 96" – 120" w 40", 42"</p> 	<p>double hinged glass door h 84" w 72", 80"</p> 	<p>single hinged solid door h 96" – 120" w 40", 42"</p> 														
<p>Corners & Connections</p>	<p>OPTOS TO OPTOS [h 96" – 120"] >></p>																<p>OPTOS TO ALTOS [h 96" – 120"] >></p>		
<p>two-way 90° corner connection</p> 	<p>articulating two-way 90° corner connection – glass</p> 	<p>articulating two-way 90° corner connection – door</p> 	<p>three-way corner connection</p> 	<p>articulating three-way corner connection – two glass</p> 	<p>articulating three-way corner connection – one glass; one door</p> 	<p>articulating three-way corner connection – two doors</p> 	<p>four-way 90° corner connection</p> 	<p>two-way 90° corner connection with door</p> 	<p>three-way connection with one door</p> 	<p>three-way connection – two doors at 90°</p> 	<p>three-way connection – two doors at 180°</p> 	<p>four-way connection with one door</p> 	<p>four-way connection – two doors at 90°</p> 	<p>four-way connection – two doors at 180°</p> 	<p>180° connection</p> 	<p>door 180° connection</p> 			
<p>two-way 90° connection – glass</p> 	<p>two-way 90° connection – door</p> 	<p>articulating two-way 90° connection – glass</p> 	<p>articulating two-way 90° connection – door</p> 	<p>three-way connection – two Optos at 180° – two glass</p> 	<p>three-way connection – two Optos at 180° – two doors</p> 	<p>three-way connection – two Optos at 180° – one glass; one door</p> 	<p>three-way connection – two Optos at 180° – two glass</p> 	<p>three-way connection – two Optos at 180° – one glass; one door</p> 	<p>three-way connection – two Optos at 180° – two glass</p> 	<p>three-way connection – two Optos at 180° – one glass; one door</p> 	<p>three-way connection – two Altos at 90° – glass</p> 	<p>three-way connection – two Altos at 90° – door</p> 	<p>three-way connection – two Altos at 180° – glass</p> 	<p>three-way connection – two Altos at 180° – door</p> 	<p>articulating three-way connection – two glass</p> 	<p>articulating three-way connection – one glass; one door</p> 	<p>articulating three-way connection – two doors</p> 		
<p>four-way connection – two Optos at 90° – two glass</p> 	<p>four-way connection – two Optos at 90° – one glass; one door</p> 	<p>four-way connection – two Optos at 90° – two doors</p> 	<p>four-way connection – two Optos at 180° – two glass</p> 	<p>four-way connection – two Optos at 180° – one glass; one door</p> 	<p>four-way connection – two Optos at 180° – two doors</p> 	<p>four-way connection – three Optos – three glass</p> 	<p>four-way connection – three Optos – two glass; one door</p> 	<p>four-way connection – three Optos – one glass; two doors</p> 	<p>four-way connection – one Optos – glass</p> 	<p>four-way connection – one Optos – door</p> 									
<p>glass module h 12" – 36" w 12" – 48"</p> 	<p>vertical post h 96" – 120"</p> 	<p>in-line connection h 96" – 120"</p> 	<p>two-way 90° corner connection – glass h 96" – 120"</p> 	<p>two-way 90° corner connection – door h 96" – 120"</p> 	<p>two-way 90° corner connection with Altos h 96" – 120"</p> 	<p>two-way 90° corner connection h 96" – 120"</p> 	<p>articulating two-way connection – glass h 96" – 120"</p> 	<p>articulating two-way connection – door h 96" – 120"</p> 	<p>three-way connection – glass h 96" – 120"</p> 	<p>three-way connection – door h 96" – 120"</p> 	<p>three-way connection – two doors h 96" – 120"</p> 	<p>three-way connection h 96" – 120"</p> 	<p>three-way connection with Altos h 96" – 120"</p> 	<p>articulating three-way connection – two glass h 96" – 120"</p> 	<p>articulating three-way connection – one glass; one door h 96" – 120"</p> 	<p>articulating three-way connection – two doors h 96" – 120"</p> 			
<p>Clerestory</p>																			

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TEKNION EMBRACES CHANGE AND ITS INNATE POSSIBILITIES. OUR CULTURE IS ONE OF INNOVATION. IN THAT SPIRIT, WE HAVE STEPPED FORWARD TO INTEGRATE SUSTAINABLE PRINCIPLES AND PRACTICES INTO THE DESIGN, MANUFACTURING AND MARKETING OF OUR PRODUCTS.

TEKNION PRODUCTS PERFORM INDEPENDENTLY AND IN CONCERT, COMBINING IN VIRTUALLY UNLIMITED CONFIGURATIONS. OUR PHILOSOPHY EMBRACES DESIGN AS ONE OF THE BEST TOOLS WE HAVE FOR REALIZING THE BENEFITS OF BUSINESS, WHILE ALSO STRIVING TO REACH SUSTAINABLE GOALS.

WE HAVE LEARNED FROM DESIGN THAT CHANGING A SINGLE DETAIL ALTERS THE WHOLE. EVERY INCH MAKES A DIFFERENCE. EVERY LEAP IS THE SUM OF MANY SMALL STEPS.

TEKNION CREATES FURNITURE THAT CONNECTS PEOPLE, TECHNOLOGY AND SPACES; INTEGRATED DESIGN WITH NEW POSSIBILITIES FOR A HEALTHY, PRODUCTIVE WORLD TOMORROW AND THE DAY AFTER.

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