

DESIGN GUIDE





MOVING DESIGN. ENDLESS POSSIBILITY.

Since 2009, AD Systems has been redefining interior sliding and swing door solutions for commercial spaces where performance, privacy, and aesthetics matter. Originally designed for high-end office fronts, our systems have expanded to serve healthcare and other demanding environments. With premium materials, acoustic performance, and tailored design options, we partner with architects and builders to deliver innovative solutions that meet the evolving needs of modern interiors. We pioneered the category, and we're still sliding forward.





IT ALL ADDS UP TO SOMETHING SPECIAL

At AD Systems, we are proud of our doors because we craft them ourselves. Unlike the competition, we are a manufacturer, not just a distributor. Our rigorous third-party testing, lean operation, design options, digital quoting and ordering, and emphasis on transparency all add up to make a difference.



The experience of the pioneers & innovators in the industry.



A trusted history of more than 15 years of experience.



The proven performance of over 150k installations.



Support from specification through installation.



Expertise in all 50 states + Canada, Latin America, the Middle East & Africa.



Door systems as a single assembly, by a single source, covered by a single warranty.



Our space-saving design eliminates the space needed for a swing path.

PRODUCT SOLUTIONS

CORE SYSTEMS

As pioneers in the industry, AD Systems has developed a robust lineup of door solutions, tailored to meet the unique demands of diverse applications. With decades of experience, our products are trusted by professionals worldwide for their durability, precision, and performance.



EXAMSLIDE™ SLIDING DOOR SYSTEM

Surface-Mounted Sliding Doors.

Ideal for clinics, patient rooms, medical office buildings, free standing emergency rooms, patient restrooms and other health care applications.

ExamSlide was specifically designed to meet the rigorous demands of today's lean health care medical facilities. Constructed with the highest quality, commercial grade hardware and precision engineered framing system to provide years of trouble-free service.



Space-saving design saves up to 30 square feet, when compared to a swing door



Soft-close dampening system for noise and slam reduction



Heavy-duty track system for seamless operation



CASE STUDY

Pacific Medical Center at Providence Health Gately-Ryan Building

Pacific Medical Centers' new location prioritizes patient-focused care with accessible design features like AD Systems' ExamSlide sliding doors. These ADA-compliant doors save space, improve wayfinding, and enhance efficiency by eliminating swing clearance, enabling more exam rooms. The facility also incorporates sustainability through FSC-certified materials, modern amenities, and streamlined operations to create a welcoming and efficient health care environment.



We learned these barn doors save 10 square feet per exam room because they require no swing clearance, so we standardized on their use."

~ Erin Couch, Director of Architectural Standards & Design at Providence Health

INSETSLIDE™ SLIDING DOOR SYSTEM

Inset-Mounted Sliding Doors with Integral Sidelite.

InsetSlide combines the best features of a traditional barn door with an integral sidelite, allowing it to fit seamlessly between walls.

Its space-saving, top-hung design ensures smooth operation without a floor track, while the aluminum frame protects wall construction. This system offers a clean look with no corridor projection.



Space-saving design with a top hung roller for smooth operation with no floor track



Easy-to-clean aluminum frame wraps around and protects wall construction



Integral sidelite that can feature almost any glazing or infill panel



CASE STUDY

MultiCare Indigo Urgent Care Clinics

Indigo Urgent Care Clinics, designed by BCRA for MultiCare, blend health care functionality with a relaxed, lounge-inspired atmosphere. To support this vision, AD Systems developed the InsetSlide sliding door, an acoustically sealed, space-saving system that sits flush with the wall for a clean, modern look. Originally custom-designed for Indigo, InsetSlide is now a standard offering thanks to its success in enhancing privacy, aesthetics, and clinic efficiency.



We love any opportunity to work with architects to find new ways to improve our products or add features that they know their clients will appreciate."

~ Tysen Gannon, Business Development Manager for AD Systems

OFFICESLIDE™ SLIDING DOOR SYSTEM

Surface-Mounted Sliding Doors with Integral Sidelites, Transoms, etc.

Get the most form and function for your meeting rooms, offices, and collaboration rooms.

With OfficeSlide, high performance coupled with design flexibility is all in a day's work. These commercial, educational or institutional sliding office doors mean business by delivering the complete package of custom finish options, stylish hardware, increased security, improved acoustics and unmatched aesthetics.



Space-saving design up to 30 square feet, when compared to a swing door



Soft-close dampening system for noise and slam reduction



Heavy-duty track system for seamless operation



Integrated openings to a variety of storefront configurations, sidelites, 90-degree angles, and transom



CASE STUDY

Peoples Bank

Peoples Bank in Munster, Indiana, transformed its outdated offices into a modern, collaborative workspace through a four-phase renovation. Featuring AD Systems' OfficeSlide sliding doors and swing doors, the project prioritized space efficiency, acoustic privacy, and design coherence. These high-quality door systems enhanced functionality, confidentiality, and aesthetics, creating a vibrant and community-oriented environment that exceeded expectations.



Because AD Systems provided the door, hardware, frameworks and glazing, it gave peace of mind that the system worked as a unit and that the specifications were cohesive."

~ Don Duncan, Shive-hattery, Inc.
(Architect)

SPECIALTY SYSTEMS

At AD Systems, we are always pushing the limits to provide exciting new solutions for your door systems. Since pioneering the industry, AD Systems has expanded our sliding and swing door offerings to provide flexible openings and other customized options.



AUTOMOTION™ SLIDING DOOR SYSTEM

Automatic Surface-Mounted Sliding Doors.

We set the future in motion with our automatic sliding door solution.

Our automatic sliding doors are designed to meet your needs for acoustic isolation and space-saving design, all while offering the ease of hands-free access. They are quiet, safe, easy to install, and built to last. Plus, with a variety of accessories, they're as flexible as they are efficient



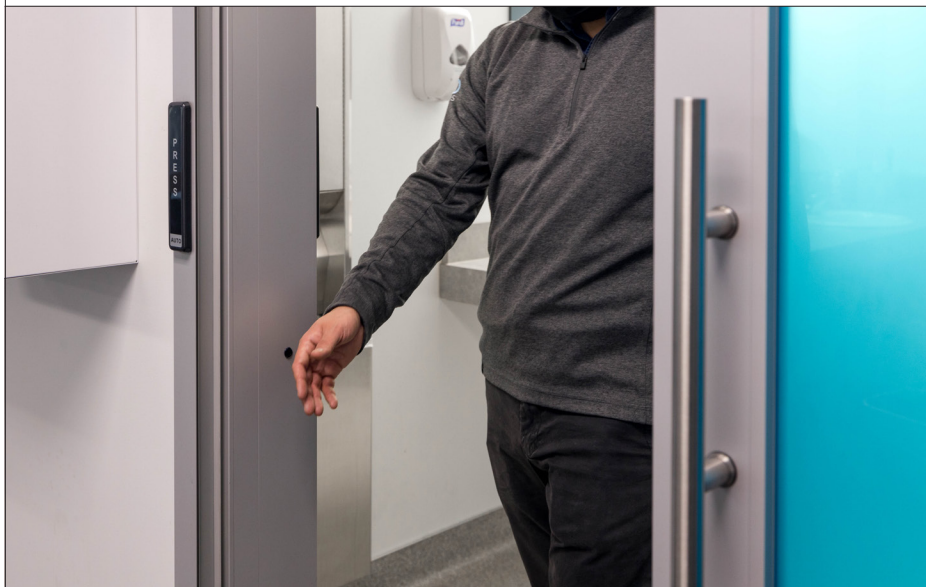
Standard kit allows for installation of a single door or a bi-parting pair



Low-energy operator with safety sensors to ensure safe passage



Low noise unit – simple installation, affordable price point



FIRESLIDE™ SLIDING DOOR SYSTEM

Surface-Mounted, Fire-Rated Sliding Doors.

Discover the industry's first fire-rated sliding door system. Get the same modern aesthetic of a sliding barn door, fire-rated for up to 45 minutes.

AD Systems has blazed a new trail with FireSlide, an award-winning, surface-mounted, top-hung sliding door system. These single-leaf doors combine a clean, contemporary look with space-saving functionality, acoustic performance, and hardware versatility.



Achieves a 45-minute fire rating, tested to UL 10B test standard



Acoustic seals on three sides for added privacy and noise reduction



Heavy-duty track system for seamless operation



SUITESLIDE™ SLIDING DOOR SYSTEM

Surface-Mounted Sliding Doors without Sound Attenuation.

Perfect for residential care facilities, multifamily residential and hospitality projects that don't require acoustic mitigation or advanced hardware functionality.

SuiteSlide is an economical, surface-mounted, sliding barn door system including the door slab, specialty frame and commercial grade hardware for superior quality and convenience. It's the ideal choice for spaces where design meets practicality.



Space-saving design up to 30 square feet, when compared to a swing door



Soft-close dampening system for noise and slam reduction



Heavy-duty track system for seamless operation



XTENDSLIDE™ SLIDING DOOR SYSTEM

Surface-Mounted or Inset-Mounted Telescoping Sliding Doors.

When a wide opening is needed but space is limited, choose our telescoping door system that stacks on top of each other.

The innovative XtendSlide Telescoping Sliding Door system is best suited for flexible spaces requiring large openings but with limited wall space. Choose from surface mounted or inset with an integral sidelite. Additional configurations include biparting doors and bypass biparting doors that can slide in any direction without restriction.



Doors that glide and overlap for spaces requiring large openings to create optimal flexibility



Soft-close dampening system for noise and slam reduction



Heavy-duty track system for seamless operation



DUALSWING™ SWINGING DOOR SYSTEM

Unequal Pair of Swinging Doors.

For health care applications when an extra wide opening is required, choose our innovative DualSwing™ swinging door system.

The AD Systems DualSwing door system consists of an unequal pair of swinging doors, designed for various health care environments such as acute care patient rooms, med-surg patient rooms, hospital imaging suites, and operating suites.



Unequal leaf swing doors create a wider opening when needed without additional door clearance



Self-closing and self-latching mechanisms and ADA compliant hardware for ease of operation



Heavy-duty, high-performance aluminum frame protects wall opening and resists impact



CASE STUDY

Atrium Health Levine Children's Hospital

Atrium Health Levine Children's Hospital renovated its pediatric ICU to enhance patient care and functionality. NBBJ selected AD Systems' ExamSlide™, InsetSlide™, and DualSwing™ doors to address spatial constraints, improve visibility, and support high-acuity needs. These durable, easy-to-maintain doors optimize space, streamline construction, and meet code requirements, creating a safer, more efficient environment for patients and medical staff.

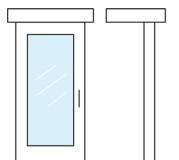


Specifying the right patient door was critical for this project. The facilities staff vetted the final selection, intending to standardize on a product for consistency and ease of maintenance. DualSwing doors met the requirements for the medical staff's everyday operations."

~ Angela Shirley, IIDA, LEED AP BD+C,
EDAC Associate and Senior Interior
Designer at NBBJ

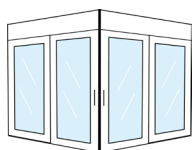
CUSTOMIZATION

AD Systems makes a difference when you need custom solutions. We work collaboratively with owners, architects and contractors to meet job-specific requirements and designs. No matter your project needs, our expert engineering team will adapt or craft the right sliding door solution for you.



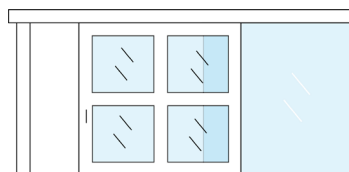
Barrier Free – Bed Lift Sliding Door Assemblies

The Barrier Free design option adapts our standard ExamSlide™ door to work with a bed lift, allowing for patients to be transported by lift through a sliding door opening. This is an increasingly popular solution for inpatient restrooms.



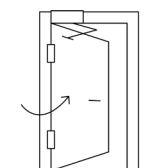
90-Degree "Magic Cube"

This bi-parting 90-degree sliding door system opens in perpendicular directions, allowing one or both panels to be open simultaneously. It's ideal for tight spaces where traditional sliders won't work, creating large openings with minimal available wall area.



Oversized Doors

Oversized sliding doors provide wide, flexible openings at up to 10 feet per pair. Perfect for connecting or dividing large areas like classrooms or kitchens, they support adaptable layouts without sacrificing space or traffic flow.



Swing Doors

AD Systems can complement sliding systems with matching swing doors, offering a seamless look and full-scope solution. Through a partnership with Allegion, customers benefit from expert hardware, integrated finishes, and streamlined sourcing for complete door packages.

Specialty Solutions

Looking for something different? We deliver an assortment of unique solutions like lead-lined doors, smoke-rated systems to UL 1784 Standard for Air Leakage Tests of Door Assemblies, and other opening code requirements.



CASE STUDY

Thacher School

The Thacher School in Ojai, CA, collaborated with Blackbird Architects and AD Systems to create a flexible, multidisciplinary learning hub featuring oversized OfficeSlide sliding doors. These doors enhance visual connectivity, acoustic isolation, and accessibility, supporting the school's mission of openness and collaboration. With ADA-compliant hardware and acoustic seals, the design balances openness and privacy, fostering student well-being and adaptable learning environments while embodying real-world applications.



The large, glazed sliding doors can be opened when activities benefit from connectivity to adjacent spaces or remain closed when acoustic privacy is needed."

~ Alayna Fraser from Blackbird Architects

ACOUSTIC PERFORMANCE

To support acoustic privacy and patient confidentiality, AD Systems offers sliding doors with perimeter gasketing and optional drop-down bottom seals. This creates a tight seal on all four sides for effective sound control. ExamSlide doors, for example, achieve up to NIC 39, meeting healthcare privacy standards.



CASE STUDY

University of Kentucky's Albert B. Chandler Hospital

In 2024, the University of Kentucky consolidated its medical and cardiovascular ICUs onto a newly redesigned 12th floor, informed by lessons from COVID-19. To enhance flexibility, efficiency, and staff well-being, the design team incorporated AD Systems' sliding doors, which improve space use, acoustic isolation, and visual connection. These features support patient care, staff focus, and long-term resiliency in healthcare environments.

“

Sound attenuation is an extremely important detail. Being able to close the doors and limit distractions is essential for an ICU. There are a lot of beeps and buzzes—the staff talked frequently about alarm fatigue. Limiting sound transfer helps mitigate the noise that's happening on the floor at any given time. In both work and rest areas, these doors not only help maximize useable space, but they also create sound privacy.”

~ Matt Nett, Associate GBBN

DESIGN OPTIONS



FRAMING

Looking for design that borders on greatness? The framing design & finishing options for our interior sliding door solutions support your goals for creating functional and beautiful spaces. Select a frame design and finish to enhance the décor or make a statement.

Wraparound Frame

This unique solution is designed to protect wall openings and aid in superior sound performance. AD Systems frames feature a Kynar® finish (as opposed to clear anodized), so touch-ups are easy and the designs look great for years. The wall thickness adds resiliency from impact.

The frames are also designed to accommodate variations in wall construction, ensuring quality fit and finish. The integral jamb “stile pocket” receives the door leaf, ensuring acoustic performance and strike plate integration.

Wall Thickness:

- Standard wall thickness options: 4-7/8", 5-1/2", 7-1/8"
- Custom: Custom wall thickness designs are available

Finishes:

- Painted hardcoat finish by Kynar® (meets AAMA 2604)
- Standard Color: Light Sequin (match to clear anodized)
 - Custom Color: Color match to almost any paint color

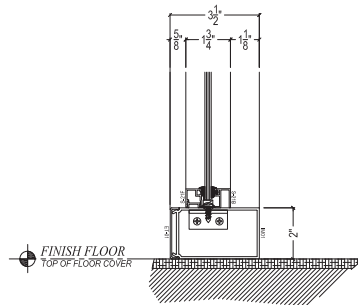


FIXED LITES

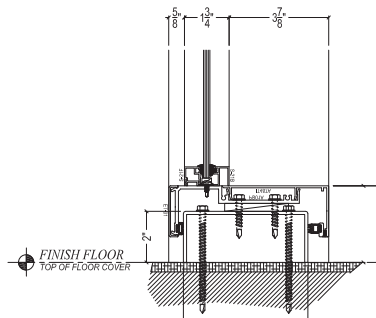
For ExamSlide®, OfficeSlide® and InsetSlide® designs featuring fixed lites (sidelites), AD Systems offers a variety of sill profiles:

- **Standard**
- **Full Depth**
- **U-Channel**

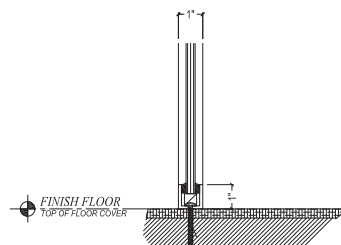
Standard sill option Using IM-01
At SideLite



Full Depth Option
At SideLite



U-Channel Options
At SideLite



DOOR LEAF DESIGN

Inspiration starts with options. From natural wood to laminate, glass, and aluminum, AD Systems offers an array of door leaf designs to match your vision and performance needs.

Wood

AD Systems provides a SCLC heavy-duty core, engineered for superior acoustics and durability. When it comes to timeless beauty and lasting performance, nothing compares to wood. Choose from a range of natural species with standard or custom stain finishes.

Veneer

Select from leading plastic laminate brands including Wilsonart®, Formica®, Nevamar®, and Pionite®, or opt for specialty high-impact veneers such as Paladium® with InPro® IPC Rigid Vinyl or Acrovyn® door protection.

Lead-Lined

For health care environments requiring radiation shielding, lead-lined door constructions are available to meet your specific performance needs.



ALUMINUM DOORS & GLAZING

These sleek aluminum profiles are available in standard silver or custom color finishes.

Standard:

- 4" stiles and rails
- Standard color light sequin finish

Optional:

- 10" bottom rail
- Custom colors
- Other 1-3/4" specialty doors on request



© Brandon Stengel



CASE STUDY

Juanita High School

To transform Juanita High School into a modern learning environment, Integrus Architecture partnered with AD Systems to create custom breakout spaces that support collaboration, focus, and flexibility. Using OfficeSlide™ sliding door systems with full-lite glass, transoms, and acoustic seals, these spaces promote daylighting, visual connection, and sound control. They enhance student engagement, while preserving a sense of openness in line with the school's educational goals.

GLAZING

AD Systems offers a variety of glass types and specialty inserts to achieve your desired aesthetic while maintaining the performance and privacy of a solid-core door. Options include different opacity levels, colors, and patterns, as well as alternative materials like markerboard, solid surface panels, or decorative resins. For added functionality, high-tech choices such as integral blinds and switchable glazing are also available.

TEMPERED GLASS

Available in 1/4" clear or frosted varieties, tempered glass provides strength, safety, and a clean, modern look. Ideal for applications that call for durability and simplicity.



LAMINATED GLASS

Choose from clear, translucent, white, or colored interlayers. Laminated glass offers enhanced sound control, safety, and the ability to introduce color or diffusion while maintaining visibility or privacy.



INTEGRATED SHADING SOLUTION

In applications where controlled visibility and privacy are essential—such as exam rooms, patient bays, or nurse stations—glazing systems can be specified with Vision Control® integrated louvers by Unicef Architectural. This engineered solution features patented, hermetically sealed, cord-free louvers housed within the IGU, providing precise control of sightlines and daylight without the use of external shading devices. The fully enclosed design supports infection prevention protocols, eliminates maintenance, and enhances durability over the lifecycle of the installation. Vision Control® is ideal for both interior and exterior wall applications, making it particularly well suited for healthcare and other sensitive environments.



GLASS MARKERBOARD

Transform the door into a functional writing surface. This option is perfect for offices, exam rooms, and collaborative spaces where you want writable surfaces without sacrificing aesthetics.



ART GLASS

Create a cohesive look by incorporating decorative art glass that matches or complements your broader design scheme. Art glass can bring color, texture, and personality to door systems while maintaining light transmission.

SPECIALTY GLAZING

AD Systems can accommodate a wide variety of specialty glazing inserts (up to 1" thick), including resin panels, patterned glass, and other unique materials to meet your project's functional and design needs.



CASE STUDY

Altru Health

From sliding doors that maximize space and reduce noise to glazing systems with integrated louvers that balance privacy, light, and safety, every design choice contributes to a more connected, restorative setting. Discover how AD Systems, Unicel Architectural, and Technical Glass Products help make Altru's vision of a healing, future-ready hospital a reality.

“

By prioritizing indoor-outdoor connectivity, we didn't just enhance well-being and meet the new demands of health care, we enhanced staff workflow, occupant well-being, operational sustainability and regional access to state-of-the-art health care."

~ Todd R. Medd, AIA, Healthcare Practice
Studio Leader at JLG Architects

OPTIONAL SYSTEM COMPONENTS

AD Systems offers a variety of optional components that further enhance the door systems' ability to operate smoothly, safely and efficiently.



SMOKE-RATING

UL 1784 Smoke and Draft Control Assemblies

- Smoke-rated applications
- Doors with air leakage performance as per independent test lab results
- Potential application in pressurized environments

AD Systems smoke-rated configuration comes equipped with self-closer, automatic door bottom and positive latching hardware (AD 6000).



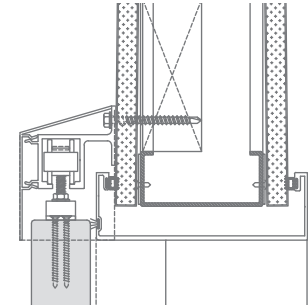
SYNCHRO DOOR DRIVE

Links paired sliding doors so they open and close together with a single motion. It's ideal for double-door setups that need smooth, coordinated operation.



VALANCE

Covers sliding hardware for a clean finish. Standard in square profile, with an optional sloped version for easier cleaning in healthcare environments.



SPRING SELF-CLOSING MECHANISM

Concealed behind the valance, this adjustable spring mechanism ensures the door returns to a closed position smoothly and reliably.



CONCEALED AUTOMATIC DOOR BOTTOM

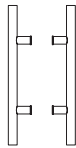
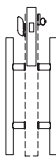
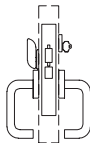
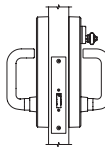
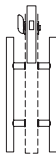
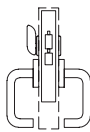
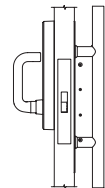
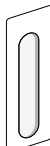
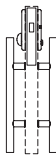
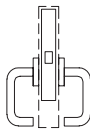
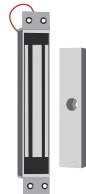
Drops down to seal the door at floor level when closed, improving acoustic performance. Retracts when open and remains hidden. Test data available.



HARDWARE SELECTION GUIDE

If you are looking for the highest-quality hardware for your commercial sliding door systems, AD Systems is a lock. All our doors feature Allegion hardware such as Schlage® Cylinders and lever handles. It's commercial hardware that stands up to commercial use.



DOOR PULLS	DEADBOLTS (AD5000)	SELF LATCH / SINGLE ACTION EGRESS LEVER LOCK (AD6000)	ELECTRONIC LOCKING OPTIONS
 Ladder Pulls: • 16 in US32D - Standard • Other lengths and finishes available	 AD5450P-LP-630 Office: • Deadbolt Cylinder & Thumbturn with Ladder Pulls	 AD6450P-L03-630 Office: • Lock with Cylinder & Thumbturn, with Levers	 Electric strike with control trim with single action egress: • Available in fail safe and fail secure. 12v & 24v options
 Wire/D Pulls: • 12 in US32D – Available	 AD5440-LP-630-I Privacy: • Deadbolt with Indicator (or Coin Override) & Thumbturn with Ladder Pulls	 AD6440-L03-630 Privacy: • Lock with Indicator (or Coin Override) & Thumbturn, with Levers	 Optional Control Trim with Ladder Pull and Interior Lever
 Specialty Pulls: Flush, full-length, anti-ligature and other pull options to meet your design needs available	 AD5440-LP-630-SI Privacy: • Deadbolt with SECTIONAL Indicator & Thumbturn with Ladder Pulls • Also available in SFIC and FZIC	 AD6010-L03-630 Passage: • Lock Passage Latch, with Levers • Also available in SFIC and FSIC	 Magnetic Lock: • Compact Mortise with 850lb of Holding Power • 10"L x 1-7/16"W x 1-1/2"D machined into door leaf



SECTIONAL CYLINDERS:

- The 180 degree visibility indicator offers unparalleled visibility and flexibility.



HIGH
PERFORMANCE
DOORS

AD SYSTEMS STEEL DOORS



specadsystems.com
425.740.6011

ADSYSTEMS™
HIGH PERFORMANCE DOORS

ALLEGION™ 