



**PRIVACY**



SMART GLASS SOLUTIONS FOR  
**HEALTHCARE**  
APPLICATIONS

# SMART GLASS FOR SMARTER HEALTHCARE ENVIRONMENTS



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## THE FUTURE OF HEALTHCARE CONSTRUCTION

### ■ COVID & BEYOND...THE BENEFITS OF SMART GLASS

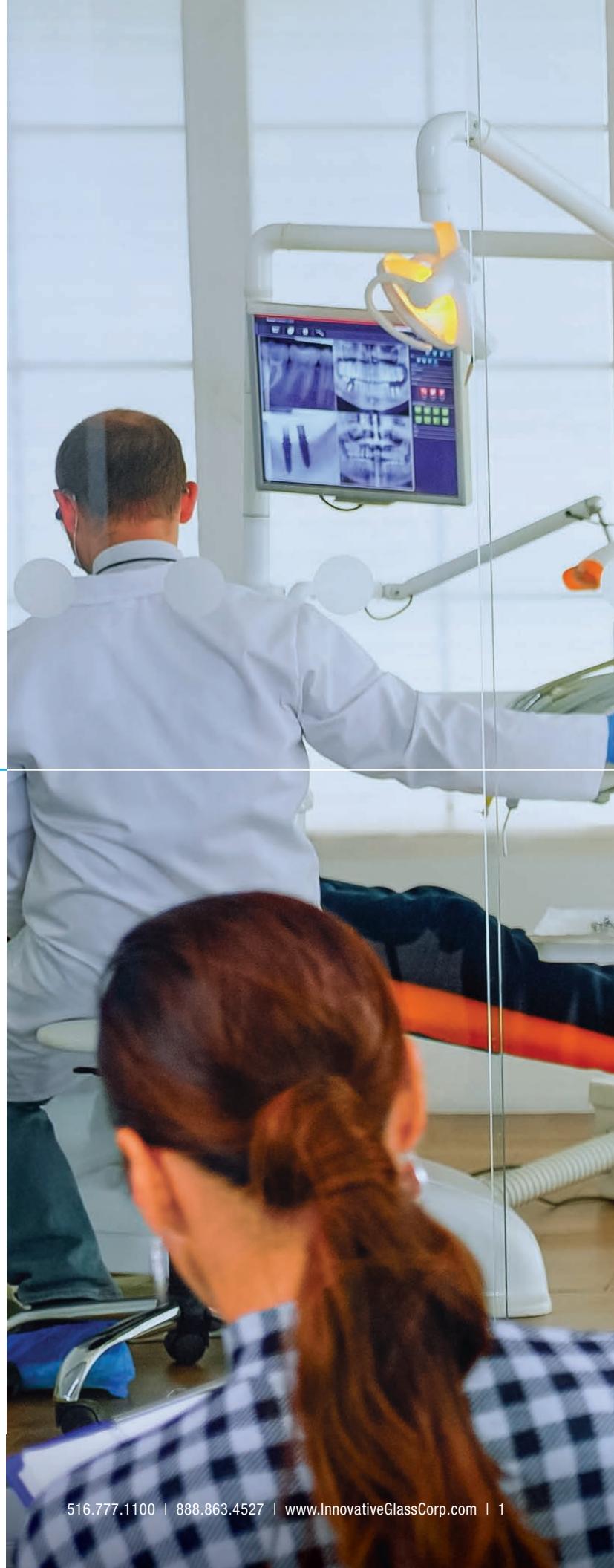
The primary goal of healthcare facilities and providers is to ensure excellence in clinical care, an environment conducive to healing, and of course, patient comfort and satisfaction. And for Healthcare Architects and Designers, choosing the right materials to support these goals is the key to a successful project.

Additionally, in today's service-driven healthcare economy, where patients are also seen as revenue-generating consumers with the power of choice, the stakes are now even higher.

Patient engagement is the new vital metric which includes ensuring high satisfaction and regulatory compliance across a full range of patient experiences — *privacy* and *infection protection*, being two of the most essential. Ironically, these are also the two areas where providers tend to struggle most.

*Until now.*

 **INNOVATIVE GLASS**  
INNOVATORS & PRODUCERS OF **EGLASS®**





Happier Healthier Patients & Staff — Increase in Hospital Ratings

#### ■ ON-DEMAND PRIVACY + INFECTION CONTROL

**S**witchable LC Privacy Glass, powered with eGlass® brand technology, delivers game-changing patient engagement advantages, ensuring exceptional visual and audible privacy as well as infection protection across all healthcare settings.

LC Privacy Glass is a laminated glass with an embedded electrified film. In the unpowered default state, the glass is completely opaque, providing 100% privacy from both sides while allowing light to pass through. When electricity is introduced, the molecules in the film reorient, and the glass becomes instantly transparent. This is done with the flip of a wall switch, a remote control device operated by

the patient or at a nearby nursing station, or hands-free via motion sensors or voice command.

#### ■ EASY INSTALLATION

LC Privacy Glass is easily installed in fixed or sliding walls, within partitions, and in swinging or breakaway doors typically used in ICUs and ERs. It is virtually soundproof because of its lamination, and can be tempered for near-indestructibility if needed. Wiring methods can range from simple door loops or electrified hinges, to our patented **PowerTrack™** (see p.6), an integrated power transfer system for sliding and breakaway doors, which completely conceals all wiring.





## ■ HOSPITAL CURTAINS VS. GLASS PARTITIONS

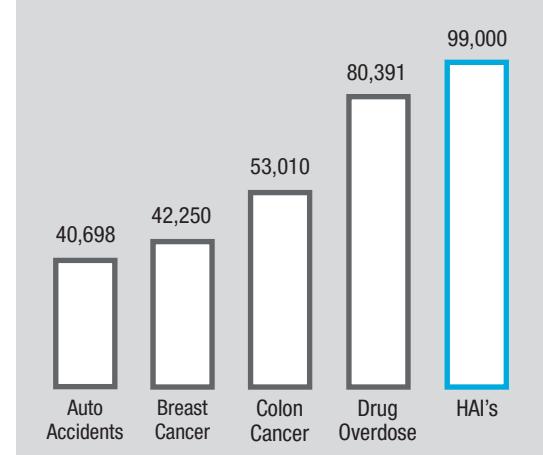
As healthcare providers well know, fabric curtains offer little to no privacy or protection because they are not soundproof and collect germs that result in cross-contamination. In fact, several published studies on Hospital Acquired Infections (HAI) report that rising infection rates are costing hospitals thousands, and up to millions of dollars in lost Medicare reimbursements.

Plain glass dividers and doors offer no real solution either because they still require curtains, blinds or mechanical shades which are ineffective for protecting privacy and confidentiality, and are costly and labor-intensive to sanitize and maintain.

With LC Privacy Glass, *these issues are solved once and for all.*

## ■ EASY SANITIZING

Cleaning and sanitizing is easily done by simply spraying and wiping the surface with a disinfecting antibacterial solution. Compare this to the time, effort, and cost of the nearly impossible task of keeping hospital curtains germ-free.



In the U.S., HAI's kill more people each year than breast cancer and colon cancer combined.

Additionally, each year, 1 in 25 U.S. hospital patients acquires a healthcare-associated infection (HAI). \$28-\$45 billion is spent annually on this potentially preventable healthcare cost.\*

\*Source: CDC

# PATIENT PRIVACY & COMFORT

Discover the Many Applications of LC Privacy Glass for the Healthcare Industry



## LC PRIVACY GLASS HEALTHCARE APPLICATIONS

On-demand switching from a transparent to a private state is done using wall switches, remote controls, or via hands-free motion sensors or voice commands.

Versatile and cost-effective eGlass® brand LC Privacy Glass offers extreme privacy and infection protection across a diverse range of healthcare applications...

### INTENSIVE CARE & EMERGENCY ROOMS

Used in partition walls, windows, and doors, including sliding and breakaway doors.

### PATIENT ADMITTANCE OFFICES

Provides complete discretion during meetings.

### OPERATING ROOMS & SURGICAL THEATERS

Patients comfortably enter with privacy; glass becomes transparent when needed.

### PHYSICIAN, SPECIALTY & DENTAL OFFICES

Ensures patient privacy and confidentiality during exams, treatments and consults.

### NURSERIES & NICUS

Provides full viewing for families with instant privacy when administering care.

### X-RAY, MRI, CT & OTHER DIAGNOSTICS

Complete privacy during patient prep — instant technician viewing during the procedure.

### HIGH SECURITY PSYCHIATRIC UNITS

If required, layers of laminated glass and polycarbonate provide attack-rated protection and one-way mirroring.

### CONFERENCE & MEETING ROOMS

A very popular application where open views and privacy can coexist in one multi-purpose environment. LC Privacy Glass can also function as an ideal rear-projection screen for impressive presentations. It has white board capabilities as well.

# HEALTHCARE APPLICATIONS



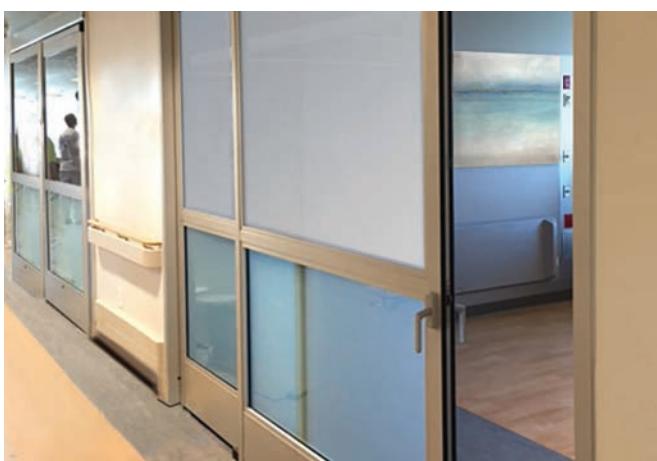
Medical and Dental Offices



ICUs, ERs, and ORs



Hospital Patient and Exam Rooms



TeleHealth Departments



## CUSTOMIZED SOLUTIONS

Hospital Doors Slide, Fold, or Break Away — *providing easy access into ERs, ORs, and ICUs with gurneys and hospital equipment*



SCAN FOR DEMO

### ■ POWERTRACK™ POWER TRANSFER SYSTEMS

Our patented PowerTrack, available only at Innovative Glass, takes smart glass technology to a whole new level. It gives our switchable privacy glass the unique ability to seamlessly integrate into sliding, breakaway, telescopic, and automatic door systems. Additionally, our PowerTrack allows doors and windows made with LC Privacy Glass to maneuver easily — *with no visible wires!*

All of our PowerTrack-enhanced door, wall, and window systems are hand-crafted and custom built to *your* specifications. It's a great space-saver, and its clean, sophisticated look provides endless design options for modern hospitals and healthcare facilities.

### ■ UNIQUE SHAPES & SIZES

We provide precise machining of our LC Privacy Glass, which includes custom shapes, sizes, cut-outs, and even bent and curved glass. We also have various edge treatments, including miters, to accommodate butt-glazing for glass-to-glass glazing strip installations.

### ■ SMART CONTROLS

We can provide all of the interfaces for smart controls, using wall switches, remote controls, mobile devices, and hands-free voice commands with Alexa or Google Home. Our glass easily integrates with AV control systems such as Crestron, Lutron, and other smart systems.

## TECHNICAL SPECS

LC Privacy Glass Partitions, Doors, and Wall Systems

### ■ SAMPLE STYLES & OPTIONS



Single Sliding



Telescopic



Single Swinging



Double Swinging



Steel Frame



Bifold/Accordion



Double



Slide & Stack



Herculite



Frameless



Shaped Glass



Modern

### ■ CORE FEATURES

Primary Function	Privacy
Color	White (Off) / Transparent (On)
Wires (User Control)	✓
Powered By	Electrical
Privacy	✓
Variable	—

### ■ RECOMMENDED APPLICATIONS

Interior / Exterior	✓
Windows	✓
Doors	✓
Skylights	✓
Partitions	✓
Curtainwalls / Glass Walls	✓

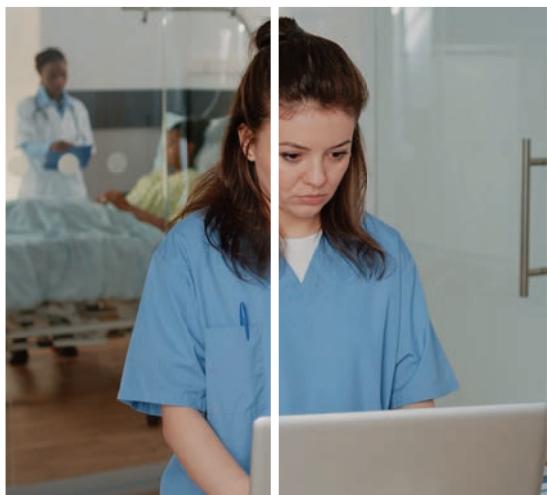
### ■ CONFIGURATION OPTIONS

Laminated Glass	✓
Insulated Glass	✓
Impact / Attack Rated / Bullet Resistant	✓
Bent	✓
Shapes	✓
Holes	✓
Retrofit / Surface Applied Film	Option Available

### ■ SPECIFICATIONS

Operating Voltage	48-65 VAC
Operating Current	20 mA / Sq Ft
Power Consumption	< 1w / Sq Ft
Visible Light Transmission	91% (On) / 50% (Off / Private)
Parallel Light	75% (On) / 2% (Off / Private)
Diffused Light	63% (On) / 4% (Off / Private)
UV Blocking	99%
Maximum Size	78" w x 168" h
Minimum Glass Thickness	5/16"
Maximum Glass Thickness	1 1/2"
Response Time	0.1 Sec (On) / 0.4 Sec (Off)
Temperature Limits	14° to 122° F

## BUY WITH CONFIDENCE



### ■ WE WANT TO PARTNER WITH YOU

**A**s a provider for some of the largest Partition companies in the world, we want to earn your trust. Our distinguished partner list includes *Steelcase, KI, Innovant, Tecno, Infinium, Dritt, Adotta, CRL, IOC, Dormakaba, Haworth, and Klein* to name a few. For sliding, breakaway, and telescopic ICU, ER, and OR doors, we work with top hospital door manufacturers including *Tormax, Nabco, Dormakaba, Assa Abloy, and Stanley*.

We give you the confidence to install our glass by simplifying the process for you. We have years of know-how and creativity to resolve almost any challenge that we encounter, and give you the customer service and engineering support that you should expect from Innovative Glass. Along with that is our five-year no-nonsense warranty — the longest in the industry.

Whatever your industry — from Commercial and Healthcare to Hospitality and Education — we've got the solution you're looking for.

### ■ HOW TO BUY OUR PRODUCTS

When working with Architects and General Contractors, we recommend that they contact an Innovative Glass sales team member early in the process. This can help avoid oversights and potentially costly errors down the road. This also helps to ensure that the selected products fit the design intent, and are feasible with the rest of the construction.

We pride ourselves on building strong relationships and can do so in large part because of our solutions-based approaches and technical expertise. We'll help you navigate the intricacies of glass thickness, wiring solutions, and any special design requirements you may have.

Once this is done, it's time to decide how to have the glass supplied and installed. This is usually done through an independent Glazing Contractor. A door system, such as a swing, sliding, or breakaway door, might be provided by a third party door manufacturer such as Tormax, Nabco, and others such as the ones named above.

### ■ TAX ADVANTAGES

Demountable partitions and wall systems offer the tax advantage of Section 179 of the IRS Tax Code and added bonus depreciation. This gives companies an expedited depreciation schedule over traditional drywall installations.

### ■ CONTACT US

For more information, please contact us at **888.863.4527**, or go to **[www.InnovativeGlassCorp.com](http://www.InnovativeGlassCorp.com)** and submit your plans and inquiry on the contact page of our website. You can also email us at **[info@eGlass.com](mailto:info@eGlass.com)**. We look forward to partnering with you on your next project!

## WHY CHOOSE INNOVATIVE GLASS?

### ■ WHO WE ARE

Since 2003, Innovative Glass, guided by the vision and leadership of Chairman and CEO Steve Abadi, has devoted substantial research, development, engineering and manufacturing resources to completely redefine the properties of glass. Our family of eGlass® products are powered exclusively by dynamic “smart glass” solutions. We integrate glass with electronics and other smart glazing technologies so that partitions, windows, doors, walls and skylights can provide instant privacy when needed.

With a reputation for quality, integrity, and award-winning customer service, Innovative Glass has become one of the nation's leading innovators of dynamic glazing solutions.



STEVE ABADI  
CHAIRMAN & CEO

### ■ WHY WE'RE #1 IN THE SMART GLASS INDUSTRY

- Superior quality products
- We provide all engineering services
- Proprietary technologies such as our patented PowerTrack™ and other concealed power transfer systems (*ie: electrified hinges; folding and sliding mechanisms*)
- Orders are customized to your specifications
- Products integrate in almost any partition system
- Comprehensive quotes within 24-48 hours
- Award-winning customer service
- Longest warranty in the industry
- Products are UL / CSA approved and made in the USA



VIRTUAL  
SHOWROOM TOUR

### ■ AWARD-WINNING PRODUCTS & SERVICES



### ■ A FEW OF OUR DISTINGUISHED HEALTHCARE CUSTOMERS

When it comes to providing on-demand visual and enhanced audible patient privacy, as well as ensuring protection from cross-contamination of viruses and infections, there's no better solution than LC Privacy Glass. So many of the world's leading healthcare facilities, architects and designers have turned to Innovative Glass to help ensure regulatory compliance, improve patient satisfaction and outcomes, and increase hospital ratings.

These are just a few of the world-renowned healthcare clients that we have proudly served:



Memorial Sloan Kettering  
Cancer Center





OUR PRODUCTS ARE  
  
MADE IN THE USA



INDUSTRY LEADER & INNOVATOR SINCE 2003

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