

CASE STUDY



From Historic Floors to Future Stores: **Lavi's Magnetic Barriers Enable Just Walk Out Technology at Historic Wrigley Field**

Venue Owner:

**Chicago Cubs /
Wrigley Field**

Certified Builder:

Gallery

Tech Platform:

Amazon JWO

Barrier System:

Lavi Industries

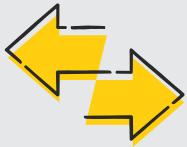
Average Wait Time



<2 min

Fans return to seats
before next pitch.

Peak Throughput



~600

Guests per hour
Keeps 100-year-
old concourse from
clogging.

Labor Redeployed



-2 cashiers
per shift

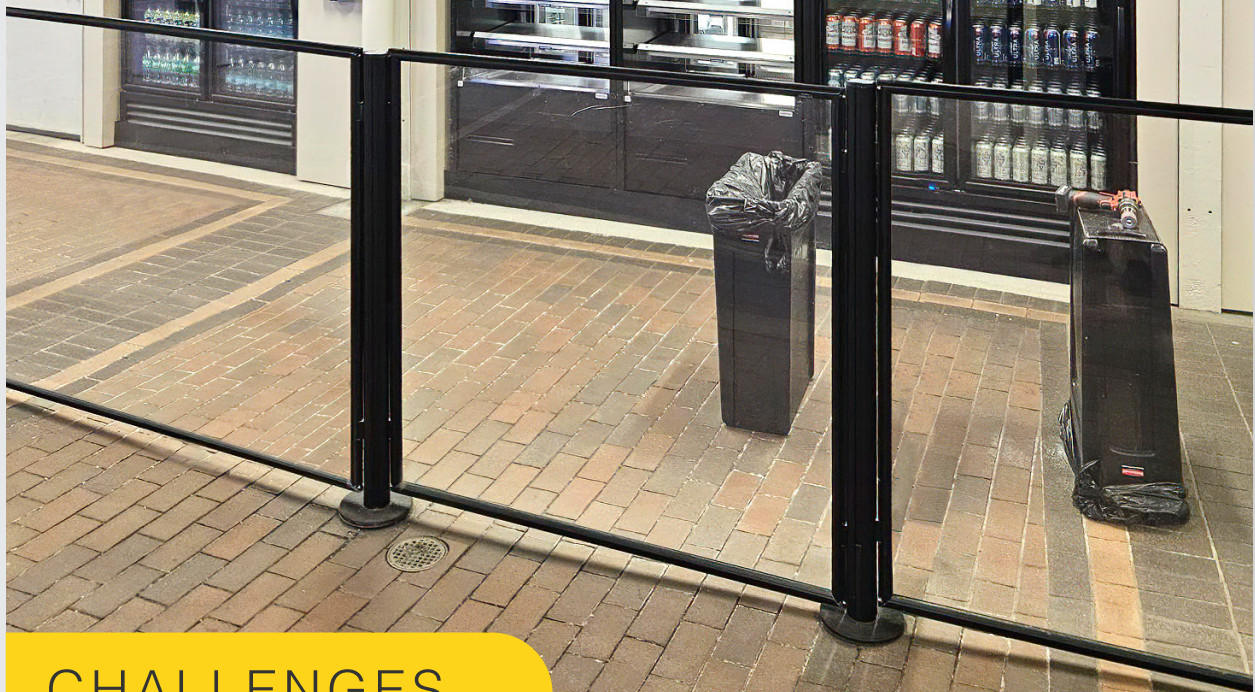
Moved staff to upsell
& runner roles.

NPS Score



+19 points

Drives repeat food &
beverage spend.



CHALLENGES

- Historic brick floors meant Cubs Facilities issued a “**no core-drill, no anchor**” mandate—standard partition walls were off the table.
- Amazon Just Walk Out sensors demanded **crystal-clear camera sight-lines** at the entry lane.
- All work had to fit within a **limited construction window**.

HIGHLIGHTS

- **Magnetic-Base Beltrac® Post & Panel Kit**
Thin stainless floor plates bond to brick flooring with industrial 3M adhesive; high-strength magnets embedded into post bases lock uprights into place without marring heritage brick. **No bolts, no dust** — completely removable when layouts change. Clear acrylic panels simply slide onto the posts, **tool-free**, to complete setup.
- **Fast, easy install**
Gallery's crew prepped the floor, mounted the floor plates, and installed 14 Post & Panel Barriers in a couple hours.
- **Brand-ready & camera-friendly**
Clear panels **preserve sensor sight-lines** while the powder-coat matches Cubs brand; future sponsor wraps can drop straight into the panel channels.

CHICAGO DOGS

THE SOLUTION

At historic Wrigley Field, modern innovation must coexist within a 111-year-old foundation steeped in tradition. To honor the ballpark's storied brickwork, Gallery turned to its partner, Lavi Industries, for their innovative Beltrac® Magnetic Post & Panel barrier system — its installation requires **no drilling, no anchoring, and no dust**—yet it delivers the rock-solid security Amazon Just Walk Out technology demands. The result: modern retail convenience for today's fans, and a preserved historic venue for future generations.

How the magnetic system works, and flexes for your brand:

Stainless receiver plates, not bolts

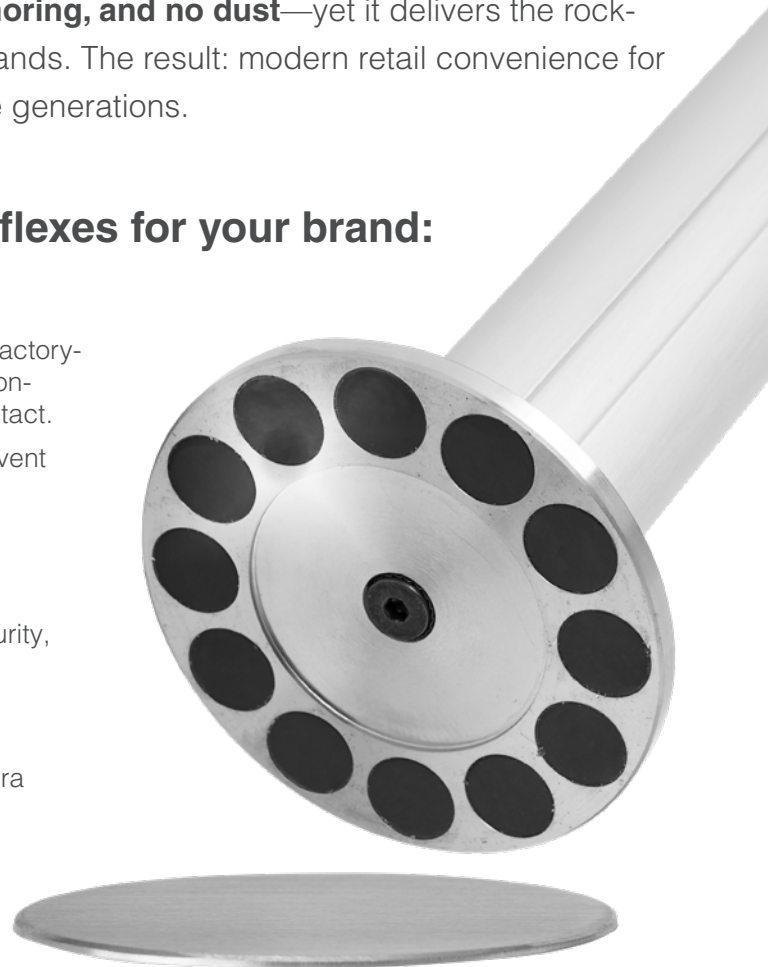
- Measuring 5.5 inches in diameter, the plates arrive with factory-applied 3M™ VHB™ adhesive. The best part? They're non-invasive, keeping Wrigley's original 1914 brick flooring intact.
- Plates sit almost flush; if the stand is ever re-themed, solvent lifts them with no surface damage.

High-strength magnets do the heavy lifting

- Each Beltrac® magnetic post packs 12 magnets that deliver ~28 lbf tip-over resistance—rigid enough for security, yet posts pop off in seconds for cleaning or re-layout.

Tool-free, fully brandable panels

- Crystal-clear acrylic panels were used to preserve camera sight-lines and keep the historic brick visually open.
- The panels can just as easily accept custom-printed graphics, letting venues turn the partition wall into a marketing or branding opportunity.





SOLUTION OUTCOMES

- **Preservation:** No holes, no spalling, no heritage-board approvals. If the Cubs ever re-theme the stand, the posts lift off and the plates pry up with solvent.
- **Speed:** A traditional drilled partition would have added extensive installation time and cost. The magnetic kit turned the barrier install into a couple-hour line item.
- **Future Revenue:** Sponsor graphics or venue branding can quickly slide into the same barrier frames without shutting the stand, or the lane, down.
- **Easily Scalable:** This flexible, modular barrier kit can easily scale across hundreds of unique locations.

The Impact:

- **Non-invasive mounting accelerates approvals:**
Lavi's Magnetic Post & Panel kits removed structural reviews and historic-site objections.
- **Prefabrication = Predictability:** When build-outs include factory-built, tool-free components, quick, scalable installs become realistic even in unique and varied venues.

Need a secure, code-compliant barrier, without drilling a single hole?
Let's get started.

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