

**INDUSTRY
SECURITY**

PORCH SECURE

INNOVATION



RESIDENTIAL AND COMMERCIAL PARCEL SECURITY

INDUSTRY SECURITY



When an 'addressee' has a separate Porch Box, both Manual and Drone deliveries can be made. The Drone simply transmits the Tracking Number and the Porch Box opens to secure it.

In gated communities, a Community Box can be used either at the Security Gate or at the Community Center.

In some circumstances, especially condominiums, shared Porch Boxes can be located at each Housing Block.

Whenever Community Porch Boxes are utilized, the box will only re-open when facial recognition software on security cameras matches a currently held Delivery with a matching Tracking No.



PORCH SECURE

INNOVATION

The Supplier:

All goods are covered, insured and video logged until securely delivered

Logistics Company:

All goods are Tracked from Depot to Logged Delivery Point.

Driver:

All goods are Tracked from Pickup to Drop Off.

Porch Box:

Delivery Data is transmitted to Logistics and Recipient

Recipient:

Goods are Tracked, Securely delivered, Goods and Premises are secured, video verification & logging.

Insurance Company:

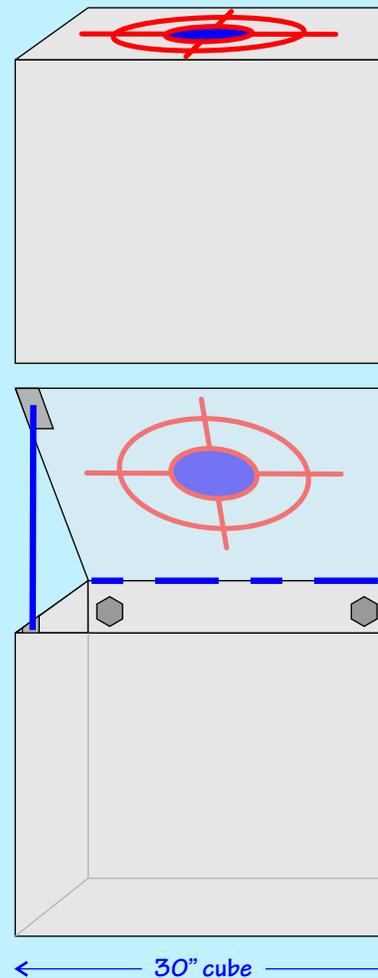
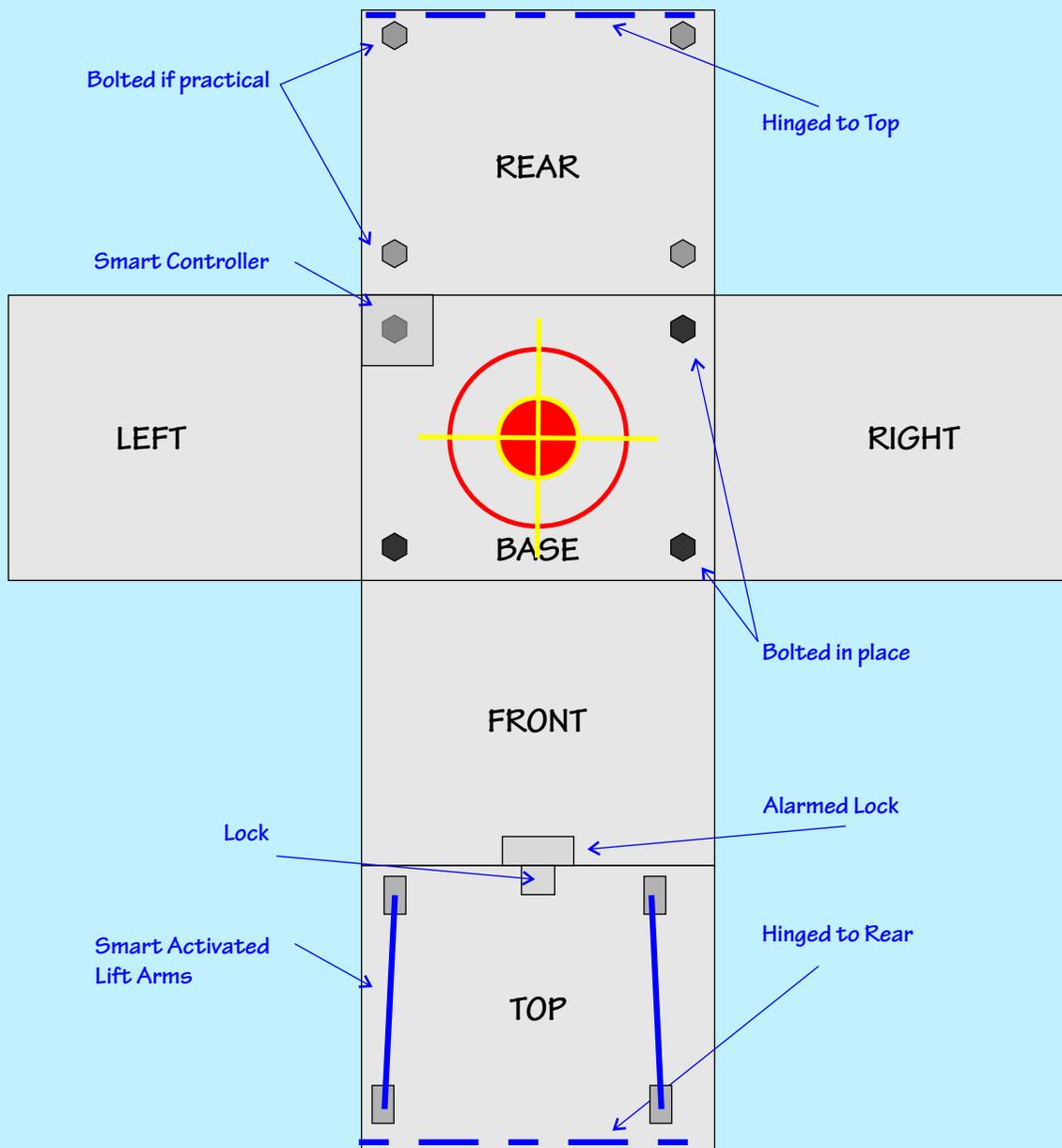
Reduced claims, Increased Goodwill, Lower Premiums.

Win Win Win Win !!!!

PORCH SECURE

INDUSTRY
SECURITY

INNOVATION



The Domistat porch Secure Electri-Door

can be controlled by a number of different methods:

- Phone App with *secure code*.
- Approved Tracking Number /Bar code.
- Approved Keypad Pin.
- Approved QR / Bar Code
- Internal Manual Over-ride.

A delivery driver can arrive, be seen by “Ring”, scan a parcel and the door will open, beep, accept the parcel and close automatically in 30 seconds (providing the entrance is unobstructed).

Two beeps indicate the door is securely closed.

The process is monitored continuously by “Ring Cameras” and software, so the owner is able to converse with the delivery driver, record the video and allow or deny entry to the Porch Secure Electri-Door.

An End to Porch Pirates



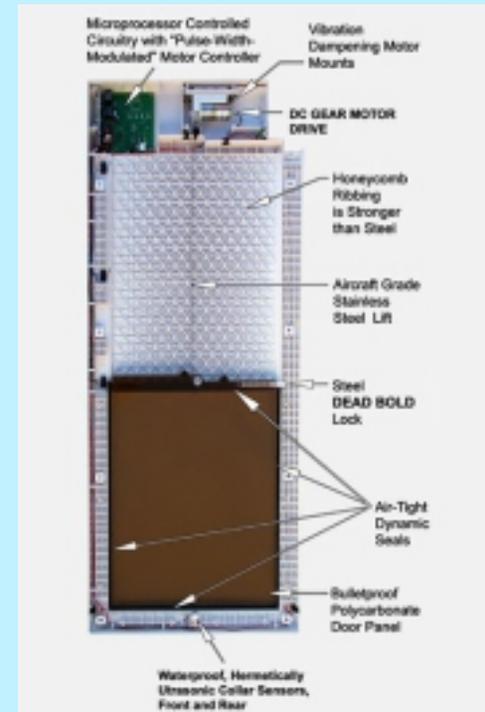
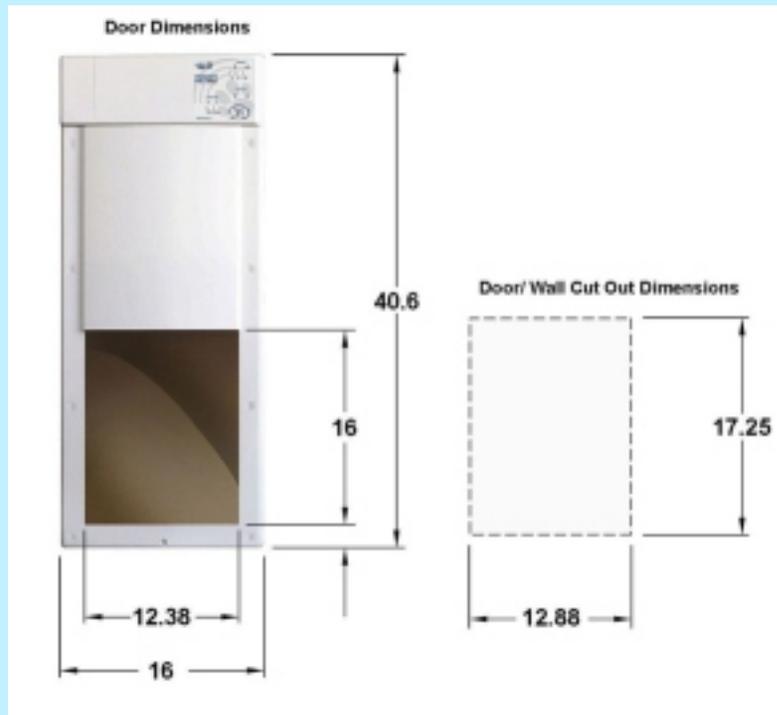
The Porch Secure Electri-Door can be scaled to any reasonable size and can be attached to an internal conveyor belt that takes parcels away from the door so that subsequent delivery staff have no access to prior deliveries.

The Porch Secure Electri-Door can be fitted to any exterior wall or door. Ideally fitted to many garages or entry wall.

Industrial Roll Up Doors can be fitted and activated by the Electri-Door system,

Commercial / Industrial Deliveries can readily be made out of hours, while residential deliveries can be received with complete security, while the home-owner is away .

An End to Porch Pirates



A driver simply scans the parcel and the tracking number matches to the delivery address, advises the receiver via text that the Tracking Number has been activated, turns on the “Ring” and will automatically open the Porch Secure Electri-Door on approach of the delivery driver so that the delivery can be made.

A sensor beeps on either a visual change or pressure sensor and the Porch Secure Electri-Door closes, a text is sent to the receiver to state :

Tracking Number: 1234567890 from Amazon/USPS has been received at 10:37 a.m. August 25th 2023

(together with an image and link to a Ring Video of the delivery.)

A secondary update is sent to the original goods supplier and the logistics center. Video logs are maintained to mitigate litigation. This system can be equally adapted to manual or autonomous delivery systems.

Goods are maintained in a secure environment,
Suppliers are assured of completed deliveries,
Logistics are assured of completed deliveries,
Recipient is assured of security of completed deliveries.

This procedure can be scaled to Commercial and Industrial deliveries, to prevent shrinkage and maintain a video log of all inward and outward deliveries.

Insurance costs can be reduced as claims will decrease.
Installation costs can be defrayed over the contract period.

Initial costs of the sensors and activators will be quickly offset by the savings in shrinkage, and any costs can be negotiated with contract suppliers.

An End to Porch Pirates

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Driver:

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Recipient:

Goods are Tracked, Securely delivered, Goods and Premises are secured, video logging.

Insurance Company:

Reduced claims, Increased Goodwill, Lower Premiums.

Win Win Win Win !!!!

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INNOVATION

PORCH PIRATES: THWARTED

INSURANCE CLAIMS: HALVED

CLIENT SATISFACTION: DOUBLED

RESIDENTIAL AND COMMERCIAL PARCEL SECURITY



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PORCH SECURE

INNOVATION

Securing the Bottom Line

The Enterprise ROI of Zero-Touch Logistics
and Automated Asset Protection.

A B2B Financial Justification & Commercial Impact Analysis.



RESIDENTIAL AND COMMERCIAL PARCEL SECURITY

Standard receiving infrastructure is an active liability on the modern P&L statement.



Shrinkage & Liability

The cost of traditional asset loss extends beyond the stolen inventory to carrier SLA penalties and skyrocketing replacement costs.



Labor Bottlenecks

Receiving docks constrained by traditional 8-hour staffed shifts strangle delivery volume and drive up hourly labor overhead.



Litigation Exposure

He-said-she-said package disputes and false claims drain administrative hours and force automatic write-offs.

**INDUSTRY
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PORCH SECURE

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Shrinkage Reduction

Direct offset of replacement costs and lost inventory



Insurance Premium Savings

Favorable contract negotiations driven by absolute delivery proof



Operational Efficiency

Scaled throughput without matched labor scaling

Investing in security; reaping compounding margins.

RESIDENTIAL AND COMMERCIAL PARCEL SECURITY

P&L Transformation Dashboard

Direct Cost Reductions

1 Inventory Replacement:

Roboto Mono: Halting the financial burden of stolen goods (**Claims Halved**). 

2 Litigation Expenses:

Roboto Mono: Minimizing the risk of liability claims and potential lawsuits from damaged/lost goods. 

Indirect Margin Gains

3 Contract Negotiation Power:

Roboto Mono: Proven effectiveness leads to favorable terms with carriers and insurers. 

4 Client Satisfaction:

Roboto Mono: **Doubled** retention rates due to guaranteed delivery security (**99%** thwart rate). 

INDUSTRY
SECURITY

PORCH SECURE

INNOVATION

**SYSTEM AUTHENTICATION &
ELECTRI-DOOR ACTIVATION**

**BUCKET 1:
REDUCED
SHRINKAGE
REPLACEMENTS**

Immediate halting of
inventory loss

**BUCKET 2:
CARRIER SLA
PENALTIES
AVOIDED**

Guaranteed delivery logs
protect carrier contracts

**BUCKET 3:
PREMIUM
NEGOTIATIONS**

Demonstrable risk
reduction yields 15%+
lower insurance overhead

WIN WIN WIN WIN !!!!

RESIDENTIAL AND COMMERCIAL PARCEL SECURITY

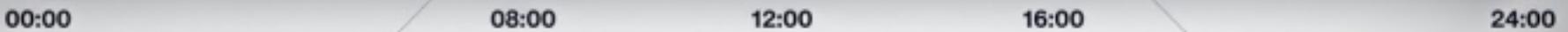
TRADITIONAL LOGISTICS



**15 hours of daily
operational
throughput with
\$0.00 marginal
labor cost.**

PORCH SECURE ENTERPRISE

24/7 AUTONOMOUS OUT-OF-HOURS DELIVERY



PORCH SECURE

ELECTRI-DOOR

1. ARRIVAL:
AGV arrives
out-of-hours.

Labor Cost: \$0.00

1. AGV:
AGV-parcel
staging dock.

Labor Cost: \$0.00

2. AUTHENTICATION:
API matches tracking;
Electri-Door opens.

Labor Cost: \$0.00

3. TRANSFER:
Cargo rolls onto internal
staging conveyor.

Labor Cost: \$0.00

4. SECURITY:
Door secures;
WMS updated.

Labor Cost: \$0.00

ELECTRI-DOOR
APERTURE

ANTI-ACCESS BARRIER



TRADITIONAL DISPUTE

Issue: Missing package claim.

Process: He-said-she-said, delayed carrier disputes, manual camera reviews.

Result: High administrative hours, likely automatic financial **write-off**.

PORCH SECURE PROTOCOL

Issue: Missing package claim.

Process: Immediate retrieval of 90-day Immutable Video Log, Timestamped GPS Tracking, GDPR/CCPA encrypted data audit.



Result: Immediate claim dismissal, **zero financial liability**.

COMMERCIAL READINESS DIAGNOSTIC MATRIX

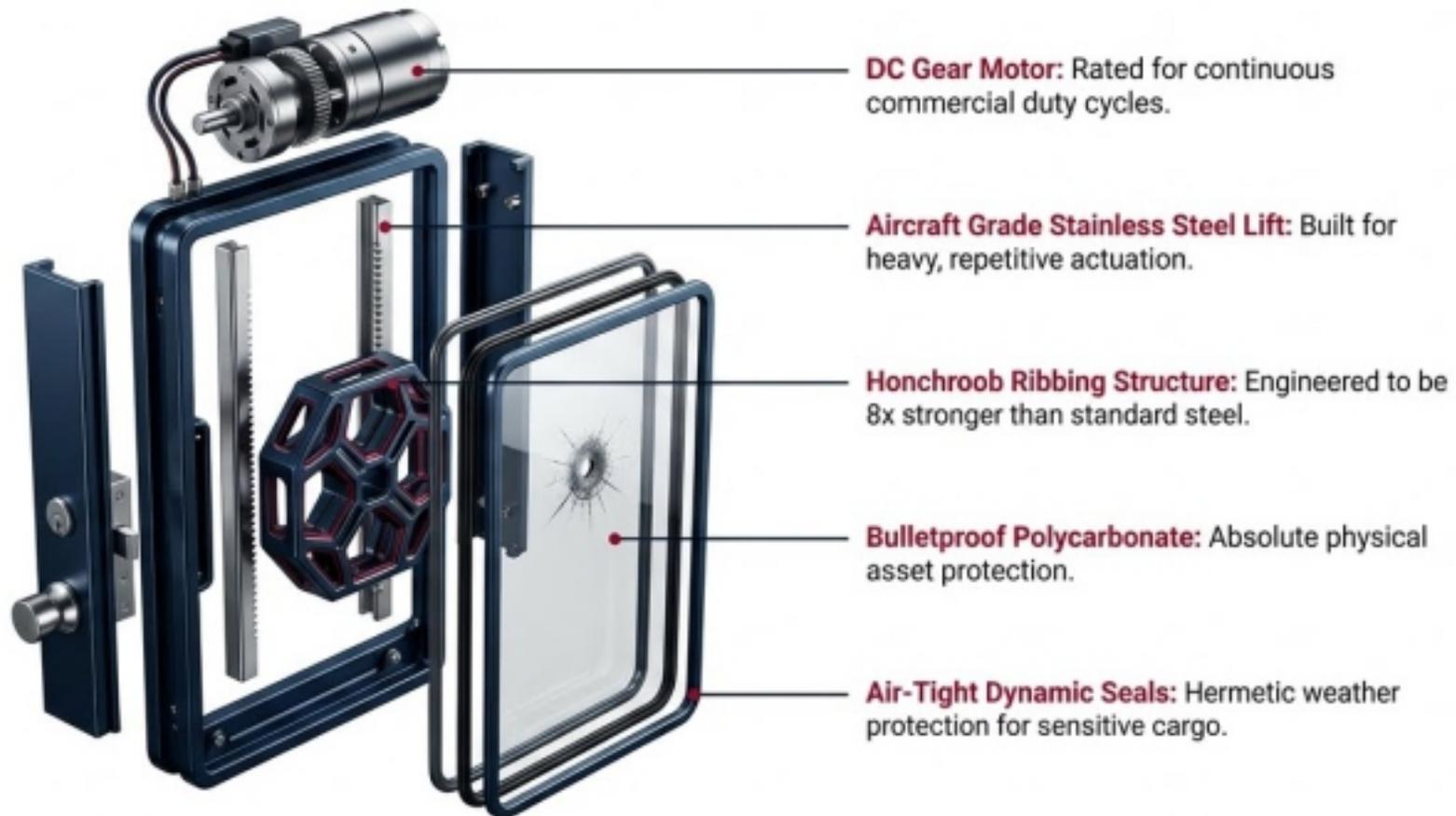
FEATURE	RESIDENTIAL STANDARD	ENTERPRISE GRADE
MAXIMUM CAPACITY	Medium Box	Palletized Cargo (48x40x60 inches)
SYSTEM SCALABILITY	No Conveyor	Integrated Conveyor Options
MOTOR DUTY CYCLE	Intermittent (20 cycles/day)	Continuous (200+ cycles/day)
DOOR MATERIAL	0.5 inch PVC	1.0 inch Steel Plate

KEY INSIGHT

This is continuous-duty infrastructure built for heavy logistics, not occasional front-porch drop-offs.

Electri-Door Hardware Schematic

High-Fidelity Technical View



THE SECURE MEMBRANE: ENABLING ZERO-TOUCH LOGISTICS



API/Tracking Number



Scale enterprise delivery volume exponentially without adding a single dollar to the labor overhead line.

By integrating seamlessly with Amazon Prime Air, UPS Flight Forward, and autonomous ground fleets via open API, Porch Secure transforms the receiving dock from a physical barrier into an automated, highly secure data and cargo conduit.

API/Tracking Number



**Defend the Margin.
Automate the Ingress.
Future-Proof the Logistics.**

