

# LOGISTICS SMART LOCKER EFFICIENCY & ROI GUIDE

Smarter Deliveries. Streamlined Operations.  
Lower Costs. Higher Efficiency. Stronger Results.



### IMPROVE EFFICIENCY

Automate handovers and reduce manual intervention.



### REDUCE COSTS

Lower operating costs and improve resource utilization.



### ENHANCE SECURITY

100% transaction logging and secure, controlled access.



### 24/7 ACCESS & FLEXIBILITY

Enable after-hours deliveries and collections.



### MAXIMIZE ROI

Increase throughput, reduce delays and improve customer satisfaction.



SMART LOCKERS.  
SMARTER LOGISTICS.  
STRONGER RESULTS.



CONTACTLESS DELIVERIES



LAST-MILE OPTIMIZATION



PROOF OF DELIVERY



REAL-TIME NOTIFICATIONS



SEAMLESS WMS INTEGRATION



# LOGISTICS INDUSTRY

## SMART LOCKER EFFICIENCY NUMBERS

Typical operational benchmarks achieved when replacing manual parcel rooms, staffed issue counters, cage storage and manual asset distribution with smart lockers across logistics, warehousing, distribution and transport operations.

METRIC	TRADITIONAL PROCESS	SMART LOCKERS	TYPICAL IMPROVEMENT
1  Parcel Collection Time	2–10 mins	<30 secs	↑ 80–95% FASTER
2  Asset Issue & Return	3–15 mins	<60 secs	↑ 70–95% FASTER
3  Driver Waiting Time	5–30 mins	<2 mins	↓ 60–95%
4  Staff Involvement	High	Minimal	↓ 50–90%
5  Throughput Capacity	20–100 Transactions/Hour	200–600 Transactions/Hour	↑ 200–500%
6  Manual Administration	High	Automated	↓ 70–95%
7  Asset Visibility	Limited	Real-Time	100% TRACKING
8  Lost Equipment Incidents	Occasional	Rare	↓ 70–95%
9  Audit Trail Compliance	Manual Logs	Automated Records	100% ACCOUNTABILITY
10  Availability	Staff Hours	24/7 Self-Service	CONTINUOUS ACCESS
11  Inventory Retrieval Time	Minutes–Hours	Seconds	↓ 70–95%
12  Internal Distribution Effort	High	Automated Collection	↓ 50–80%
13  Shift Change Delays	Common	Minimal	↓ 50–90%
14  Driver Queue Formation	High	Low	↓ 40–80%
15  Asset Utilisation	Variable	Optimised	↑ SIGNIFICANT



### SMART LOCKERS DELIVER



**FASTER OPERATIONS**  
Reduce collection times and driver waiting.



**BETTER VISIBILITY**  
100% tracking and audit trail for every transaction.



**HIGHER THROUGHOUT**  
Process more transactions without increasing headcount.



**24/7 AVAILABILITY**  
Always available for staff and drivers.



**IMPROVED SECURITY**  
Controlled access and real-time item tracking.



**OPERATIONAL CONTROL**  
Automate processes and improve compliance.



**LOWER COSTS**  
Reduce labour, admin and asset loss costs.

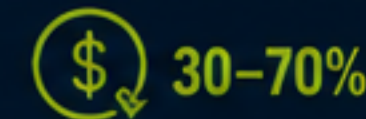


**STRONGER ROI**  
Deliver measurable returns across your operations.



### THE BOTTOM LINE

Smart lockers transform logistics operations by streamlining asset and parcel management, reducing manual effort, improving accuracy and boosting efficiency across your supply chain.



LOWER OPERATING COSTS



HIGHER THROUGHPUT



VISIBILITY & ACCOUNTABILITY



HAPPIER DRIVERS & TEAMS

# LOGISTICS INDUSTRY

## SMART LOCKER ROI NUMBERS

Measurable ROI. Stronger operations. Happier customers.

### OPERATIONAL EFFICIENCY NUMBERS



**↓ 50-90%**  
REDUCTION  
in manual parcel  
handling



**↓ 40-80%**  
REDUCTION  
in driver wait times  
at facilities



**↓ 60-95%**  
FASTER  
parcel drop-off  
& collection



**↑ 200-400%**  
INCREASE  
in locker throughput  
capacity



**↓ 50-80%**  
REDUCTION  
in customer service  
workload



**↓ 70-95%**  
REDUCTION  
in lost, damaged or  
misdelivered items



**100%**  
REAL-TIME  
tracking & audit  
visibility



**↑ 30-50%**  
INCREASE  
in storage density  
& space utilisation



**24/7**  
AVAILABILITY  
continuous, unmanned  
operations



**↑ 20-40%**  
INCREASE  
in customer satisfaction  
& NPS

### KEY LOGISTICS BENEFITS



Faster operations  
and turnaround



Improved delivery  
flexibility & CX



Higher security  
and accountability



Sustainable,  
paperless processes



Lower costs and  
better resource use



Stronger ROI across  
the supply chain

### FINANCIAL IMPACT – TYPICAL IMPROVEMENTS



**↓ 30-70%**  
LABOUR COSTS  
reduction



**↓ 40-80%**  
FACILITY OPERATING COSTS  
reduction



**↓ 70-95%**  
COSTS FROM LOST, DAMAGED  
OR MISDELIVERED ITEMS



**↓ 30-60%**  
ADMINISTRATION  
COSTS reduction

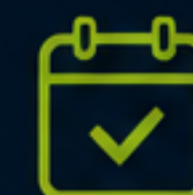


**↑ 20-50%**  
STORAGE SPACE  
UTILISATION



**NEW REVENUE  
STREAMS**  
from value-added  
locker services

### TYPICAL ROI ACHIEVED



**12-24**  
MONTHS  
Payback period



**200-500%**  
3-year ROI  
potential



### THE BOTTOM LINE

Smart lockers transform logistics operations by **reducing** manual handling, eliminating bottlenecks, **improving accuracy and security**, and creating measurable **cost savings** and new **revenue opportunities** across your supply chain.



LOWER  
COSTS



IMPROVE  
SECURITY



HAPPIER  
CUSTOMERS



HIGHER  
EFFICIENCY



STRONGER  
RETURNS



# OPERATIONAL ROI

SMART LOCKERS DELIVER MEASURABLE OPERATIONAL IMPACT ACROSS YOUR LOGISTICS OPERATION.



**LOWER COSTS**  
Reduce operational expenses



**HIGHER EFFICIENCY**  
Do more with the same team



**BETTER CONTROL**  
Increase visibility, security and accountability



**HAPPIER TEAMS & DRIVERS**  
Less waiting, more time on the road



## 1 DRIVER COLLECTION & RETURNS

**↓ 60–95% WAITING TIME**

Drivers no longer queue for:

- ✓ Keys
- ✓ Scanners
- ✓ Route packs
- ✓ Delivery devices
- ✓ Documentation



GET IN. GET WHAT YOU NEED. GET GOING.

## 2 ASSET DISTRIBUTION

**↑ 200–500% THROUGHPUT**

Smart lockers enable:

- ✓ Faster equipment issue
- ✓ Faster returns processing
- ✓ Faster parcel handovers
- ✓ Higher transaction volumes

without increasing staffing.



MORE TRANSACTIONS. MORE CAPACITY. NO EXTRA HEADCOUNT.

## 3 WAREHOUSE ADMINISTRATION

**↓ 70–95%**

Automated:

- ✓ Logging
- ✓ Notifications
- ✓ Audit trails
- ✓ Collection records
- ✓ Exception reporting

reduce manual workloads dramatically.



AUTOMATE. ELIMINATE. REDUCE WORKLOAD.

## 4 ASSET VISIBILITY

**100% TRANSACTION TRACKING**

Every collection, return and handover is:

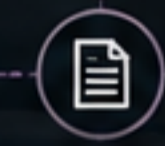
- ✓ User authenticated
- ✓ Time stamped
- ✓ Auditable



USER AUTHENTICATED



TIME STAMPED



AUDITABLE RECORD



COMPLETE VISIBILITY. COMPLETE ACCOUNTABILITY.

## 5 AVAILABILITY

**24/7 SELF-SERVICE ACCESS**

Equipment and parcels remain available:

- ✓ Outside office hours
- ✓ Across shift changes
- ✓ During peak demand periods



ALWAYS AVAILABLE. ALWAYS READY. ALWAYS WORKING.



**BOTTOM LINE**

Smart lockers turn time-consuming, manual processes into fast, automated, self-service experiences that **drive down costs, increase throughput** and **improve service levels**.



LOWER COSTS



HIGHER THROUGHPUT



BETTER CONTROL



HAPPIER TEAMS & DRIVERS

# ASSET MANAGEMENT ROI

Smart lockers commonly improve:



## LOWER COSTS

Reduce loss, shrinkage and replacement.



## HIGHER ACCOUNTABILITY

100% tracking and audit readiness.



## BETTER UTILISATION

Improve availability and maximise asset use.



## STRONGER ROI

Operational efficiency delivers measurable returns.



## DEVICE & SCANNER MANAGEMENT



- ✓ ↓ 70–95% asset loss
- ✓ 100% accountability
- ✓ Real-time visibility



Fewer lost devices.  
Better control. Lower costs.



## KEY MANAGEMENT



- ✓ ↓ 50–90% administration
- ✓ Reduced vehicle downtime
- ✓ Improved fleet utilisation



More uptime.  
More deliveries.  
Higher utilisation.



## TOOL MANAGEMENT



- ✓ Reduced replacement purchasing
- ✓ Higher utilisation rates
- ✓ Better accountability



Lower spend.  
Better utilisation.  
Complete accountability.



## PPE DISTRIBUTION



- ✓ Reduced stock wastage
- ✓ Improved compliance
- ✓ Automated issue records



Safer teams.  
Compliant operations.  
Less wastage.



**SMART LOCKERS.**  
**STRONGER ASSET CONTROL.**



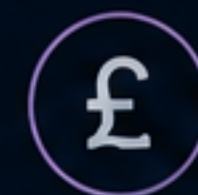
**REDUCE LOSSES**  
Protect assets and reduce shrinkage.



**IMPROVE EFFICIENCY**  
Streamline issue, return and inventory control.



**ENHANCE PERFORMANCE**  
Empower teams with secure, reliable asset access.



**DRIVE ROI**  
Lower costs, higher uptime, better business outcomes.



# LOGISTICS INDUSTRY SMART LOCKER ROI NUMBERS

Typical ROI benchmarks achieved when deploying smart lockers across logistics operations, warehouses, distribution centres, transport hubs and last-mile delivery environments.

## KEY ROI DRIVERS

- REDUCE COSTS**  
Lower operating costs across every process.
- SAVE TIME**  
Faster turnarounds and reduced driver waits.
- REDUCE RISK**  
Lower losses, improved compliance and audits.
- IMPROVE EFFICIENCY**  
Automate distribution and increase throughput.
- GAIN VISIBILITY**  
100% tracking, real-time data and reporting.



FINANCIAL IMPACT	
FINANCIAL AREA	TYPICAL IMPROVEMENT
Labour Costs	↓ 30-70%
Driver Waiting Costs	↓ 60-95%
Manual Administration	↓ 70-95%
Asset Loss & Replacement Costs	↓ 50-90%
Internal Distribution Costs	↓ 50-80%
Equipment Tracking Costs	↓ 70-95%
Compliance Administration	↓ 30-70%
Overtime Costs	↓ 20-50%
Productivity Per Employee	↑ 20-50%
Throughput Capacity	↑ 200-500%
Asset Utilisation	↑ SIGNIFICANT
Return on Existing Infrastructure	↑ SIGNIFICANT

## TYPICAL OVERALL ROI OUTCOMES

- 30-70%** REDUCTION IN OPERATING COSTS
- 200-500%** INCREASE IN THROUGHPUT
- 60-95%** REDUCTION IN DRIVER WAIT TIME
- TRANSACTION VISIBILITY**
- 24/7** SELF-SERVICE AVAILABILITY

## SMART LOCKERS DELIVER MEASURABLE ROI

- LOWER COSTS**  
Reduce labour, admin and operational expenses.
- FASTER OPERATIONS**  
Improve speed, throughput and driver turnaround.
- STRONGER CONTROL**  
Better asset management, compliance and accountability.
- HIGHER VALUE**  
Increase productivity, utilisation and overall performance.

## TYPICAL PAYBACK PERIOD

- SINGLE WAREHOUSE**  
**6-18 MONTHS**
- MULTI-SITE NETWORK**  
**6-24 MONTHS**
- HIGH-VOLUME HUB**  
**3-12 MONTHS**

**SMART LOCKERS HELP LOGISTICS OPERATIONS MOVE FASTER, REDUCE COSTS, IMPROVE VISIBILITY AND SCALE WITHOUT INCREASING ADMINISTRATIVE WORKLOAD.**

# SMART LOCKERS. STRONGER ROI.

MEASURABLE IMPACT. REAL RESULTS.



**LOWER COSTS**  
Reduce operational expenses



**HIGHER THROUGHPUT**  
Do more with the same team



**BETTER CONTROL**  
Increase visibility, security and accountability



**HAPPIER TEAMS & DRIVERS**  
Less waiting, more time on the road







## EXECUTIVE ROI SUMMARY

Smart lockers typically deliver:

- ✓ Reduction in labour costs **30–70%**
- ✓ Reduction in driver waiting time **60–95%**
- ✓ Reduction in manual administration **70–95%**
- ✓ Reduction in asset loss and replacement costs **50–90%**
- ✓ Increase in transaction throughput **200–500%**
- ✓ Reduction in internal distribution effort **50–80%**
- ✓ Transaction visibility **100%**
- ✓ Self-service availability **24/7**
- ✓ Improved compliance and audit readiness ✓
- ✓ Better utilisation of assets, people and infrastructure ✓

## TYPICAL PAYBACK PERIOD

DEPLOYMENT SIZE	TYPICAL PAYBACK
 Single Warehouse	<b>6–18 MONTHS</b>
 Multi-Site Distribution Network	<b>6–24 MONTHS</b>
 Driver & Fleet Operations	<b>6–18 MONTHS</b>
 High-Volume Logistics Hub	<b>3–12 MONTHS</b>



### FAST PAYBACK. LONG-TERM VALUE.

Smart lockers deliver measurable returns quickly and continue to drive savings year after year.

## THE BOTTOM LINE

For logistics operators, warehouses, transport hubs and distribution centres, smart lockers convert manual asset distribution and parcel handling into a **highly automated self-service operation.**

## THE LARGEST ROI DRIVERS COME FROM:



Reduced labour costs



Faster driver turnaround



Lower asset loss



Reduced administration



Higher throughput



Better utilisation of infrastructure



Many logistics operations achieve a **30–70% reduction** in operational costs while simultaneously **increasing throughput, visibility and service levels.**

