Logistics security and automation are ripe for disruption

2-4%
Percentage of tampering/theft due to ineffective sealing leading to losses worth 1 Million/day

46000
FTE hours required to scan bags at a typical hub handling 700 bags each hour

40%
of India's total logistics costs of $270–310 billion caused due to inventory carrying, theft, damages and losses

Manual Effort
Individual truck and carton data manually captured into ERP to facilitate tracking across supply chain

Imagine your vehicles can talk to YOU and tell you...

- Where they are

- How long have they been there

- When did they leave the factory or warehouse

- When and where they were tampered

- And much much more...

Sepio LogiSmart – Vehicle Security and Tracking

Safeguard your vehicles

Real-time vehicle tracking using GPS

Improved **Physical and Digital Security with reusable electronic locks**

Deter and detect Theft and Tamper via **real-time alerts for tamper**
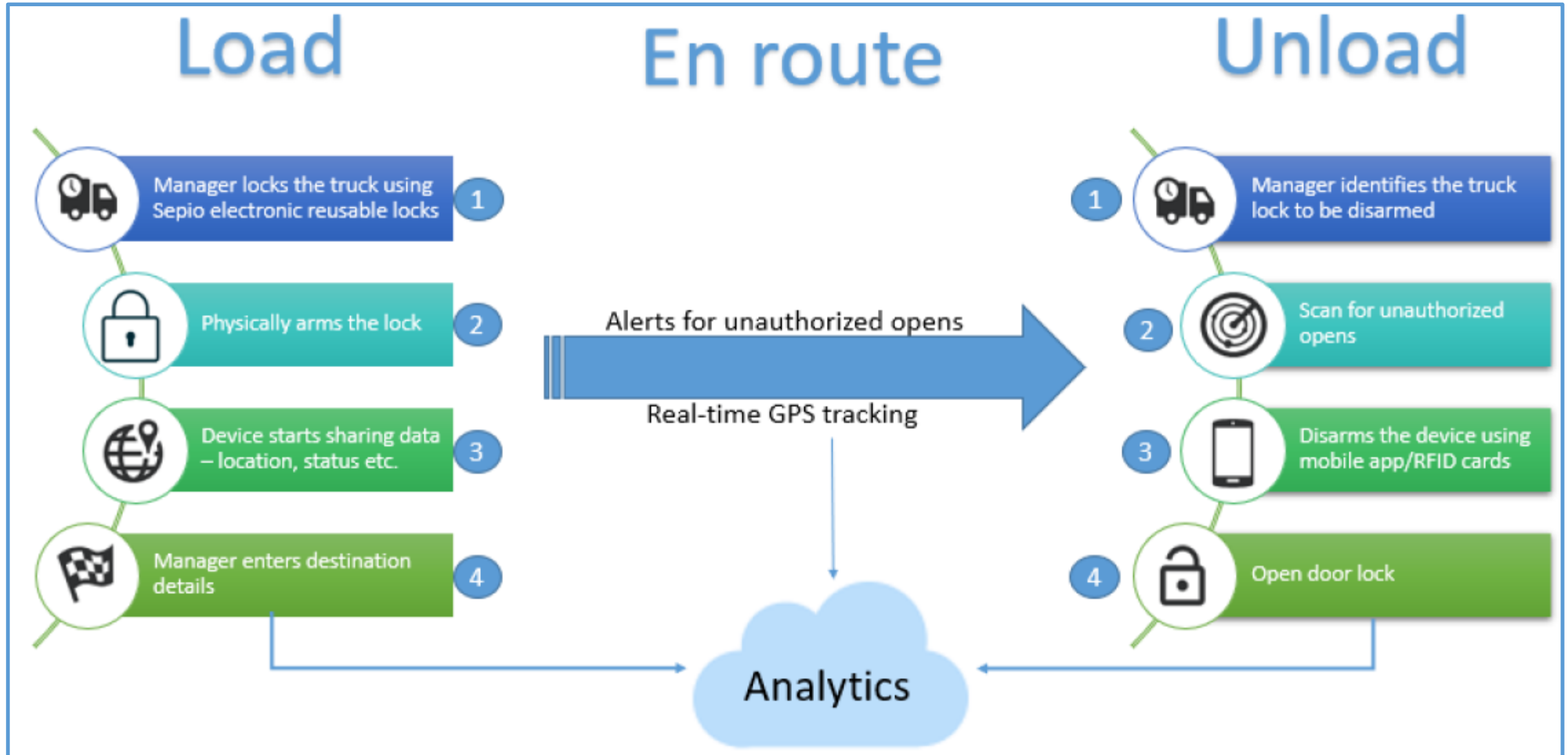
Track key metrics such as on-time arrival/departure, routes with maximum delays, reasons for delays etc.

Alerts for key events such as tamper, idle time, truck door opens etc.

Solution Features

Hardware

- Protection rating - **IP67**

- **Dual Sim Support** for increased GPS reliability

- Remote operation via **mobile app, web dashboard and SMS** (sent directly to the device)

- Battery Capacity – **15000 MAH**

- Flexible cable of variable length for **multi-slot sealing**

- **Inbuilt accelerometer** to track movement

- **Inbuilt memory** to store events and transmit later in case of no data connectivity

Software

- **Integration with ERP** using ready APIs

- **Set thresholds** for idle time, delay, authorized opens

- **Alerts** for unauthorized opens and threshold breaches

- **Route history** to see the route taken

- Tracking of events and who performed the event for **increased accountability**

- **Real-time analytics** for better decision making

- **Easy access** using mobile app and web dashboard

Sepio

- **Reduction in theft, pilferage, adulteration and manipulation** due to improved security (physical + digital)

- **Increased visibility into operations** due to real-time vehicle tracking and alerts

- **Reduced overheads** of inventory management, order placing and tracking, transport, warehousing and labor associated with traditional seals

- **Improved decision making** due to data analytics by tracking key operational metrics

- **Increased accountability** due to digitization of trip events and history

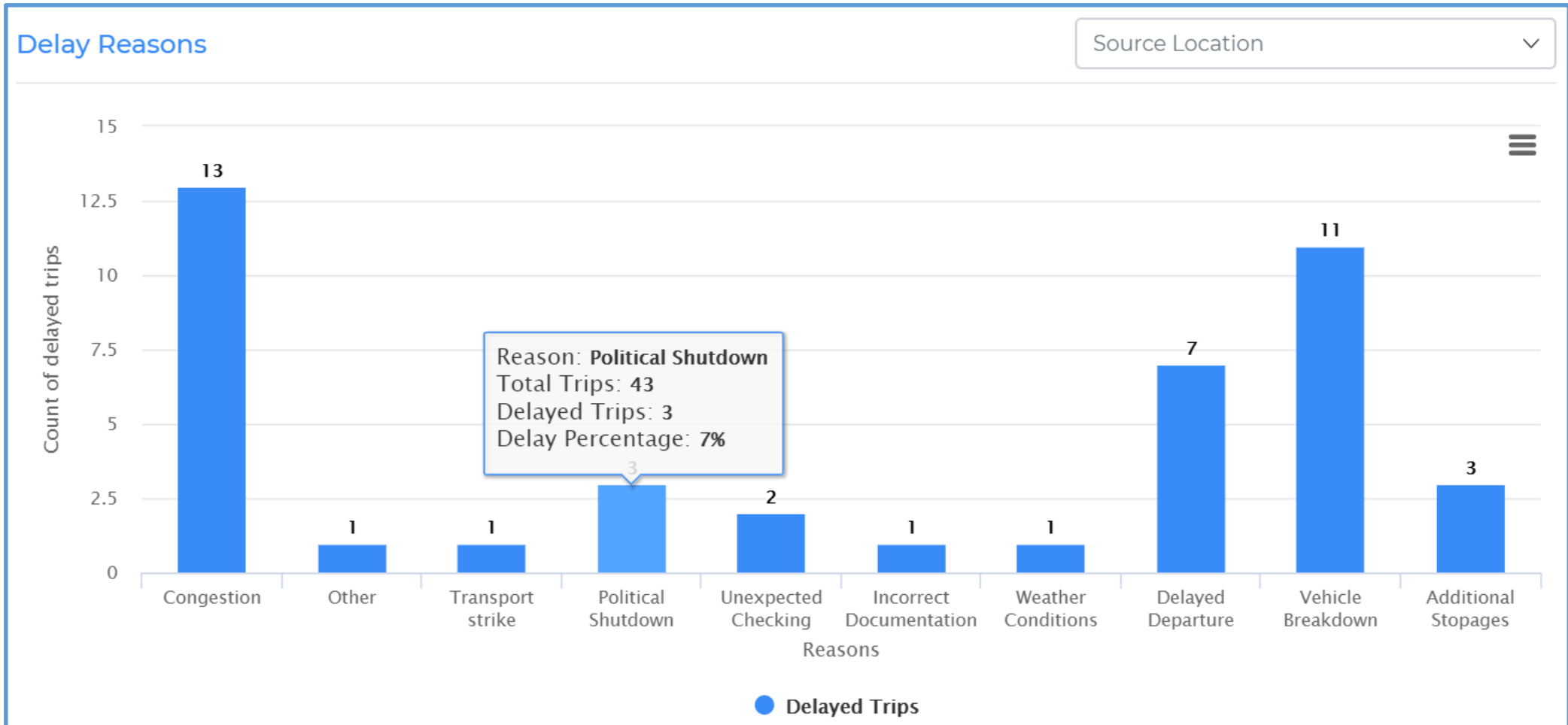|			
Total Trips 85 (▲29) vs prev 30 days	**Timely Arrival** 45.45% (35) (▲34%) vs prev 30 days	**Fleet Utilization** 25.88% (13) (▲144.94%) vs prev 30 days	**Max Delays** From W0001-Pune To Pune-Zensar
Timely Departure 37.65% (32) (▲56%) vs prev 30 days	**Tamper** 51.95% (40) (▲20%) vs prev 30 days	**Avg Idle Time** 3 min (▲1hr) vs prev 30 days	**Max Tamper** From W0001-Pune To Pune-Zensar

Track key operational metrics for business decision making

Track delay reasons

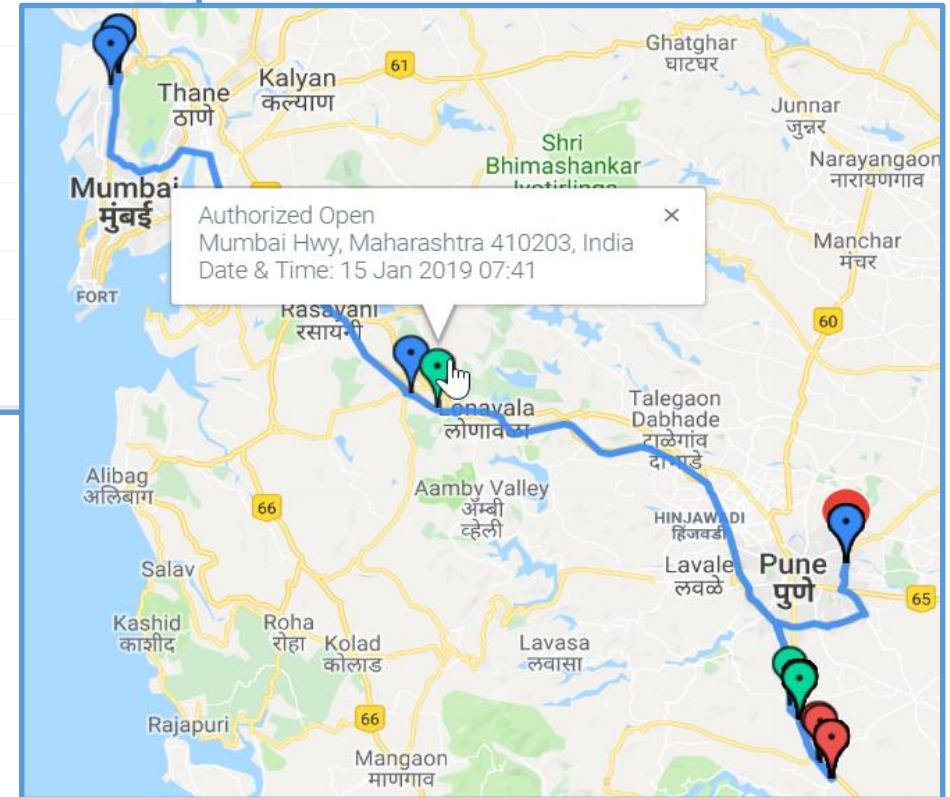|			
17 Jan 2019, 08:40 Actual Departure **17 Jan 2019, 22:41** Actual Arrival	**7.90 hrs** Idle Time **12.18 hrs** Delay Time	**11** Authorized Open **77** Unauthorized Open	Completed Trip Status Trip Ended Last Event

Trip Events   Trip Delay Reason: **Political Shutdown**

Date & Time	Event	User	Location	Action
🟢 17 Jan 2019, 22:41	Trip Ended	------	📍 Mira Bhayandar	💬
🟢 17 Jan 2019, 22:40	Authorized Open	Anish	📍 Mira Bhayandar	💬
🔴 17 Jan 2019, 21:51	Idle Time	------	📍 Mumbai	💬
🔴 17 Jan 2019, 21:44	Idle Time	------	📍 Mumbai	💬
🔴 17 Jan 2019, 21:13	Idle Time	------	📍 Mumbai	💬
🔴 17 Jan 2019, 20:59	Unauthorized Open	------	📍 Mumbai	💬

Analyze individual trips and associated metrics

Authorized Open
Mumbai Hwy, Maharashtra 410203, India
Date & Time: 15 Jan 2019 07:41

Lock Summary

Lock Details

Lock ID	Status	No. of Trips	Polling Frequency	Lock Location	Battery	Action
🔒 7580613036	Offline	0	30	📍 Mumbai	🔋 60 %	------ 👁
🔒 7580613228	Online	23	30	📍 Mumbai	🔋 50 %	🔓 👁
🔒 7580612552	Online	16	30	📍 Mumbai	🔋 50 %	🔓 👁
🔒 7580612667	Online	64	30	📍 Pune	🔋 85 %	🔓 👁
🔒 7580612944	On-trip	10	2	📍 Mumbai	🔋 75 %	------ 👁

View and track lock summary to know location, battery levels, current status etc.

Trip Summary

Trip Details

Trip ID	From	To	Lock ID	Battery	Lock Status	Trip Status	Action
T100160 ⓘ	Sep-Hub-Dah	Johnson and J...	🔒 7580612944	🔋 75%	Locked	Enroute	🔓 🚚
T100158 ⓘ	Sep-Hub-Dah	W0001-Pune	🔒 7580612944	🔋 75%	Locked	Completed	------
T100157 ⓘ	sep- wh - sak	W0001-Mumbai	🔒 7580612667	🔋 85%	Locked	Completed	------
T100156	Sep-Hub-Dah	W0001-Mumbai	🔒 7580612667	🔋 85%	Locked	Completed	------
T100155	W0001-Pune	W0001-Mumbai	🔒 7580612667	🔋 85%	Locked	Completed	------
T100154 ⓘ	Sep-Hub-Dah	W0001-Pune	🔒 7580612944	🔋 75%	Locked	Completed	------
T100153 ⓘ	Sep-WH	Mumbai- Ban...	🔒 7580612944	🔋 75%	Locked	Completed	------
T100149 ⓘ	sep- wh - sak	ajanta house, ...	🔒 7580612944	🔋 75%	Locked	Completed	------
T100148	sep- wh - sak	ajanta house, ...	🔒 7580612944	🔋 75%	Locked	Completed	------

View and track all the trips – current and historic

Internet of Things – The next big thing!

75 Billion
Number of connected devices by 2025

Statista Estimate

350%
Increase in the number of retail devices connected to IoT platforms by 2021

Juniper Research

$60 Trillion
General Electric's forecast investment in Industrial Internet of Things (IIoT) in the next 15 years!

General Electric

4x
Increase in IoT investment by companies in Manufacturing, Transport, Logistics, Healthcare and Retail

BCG Internet of Things

Let's get your vehicles talking!