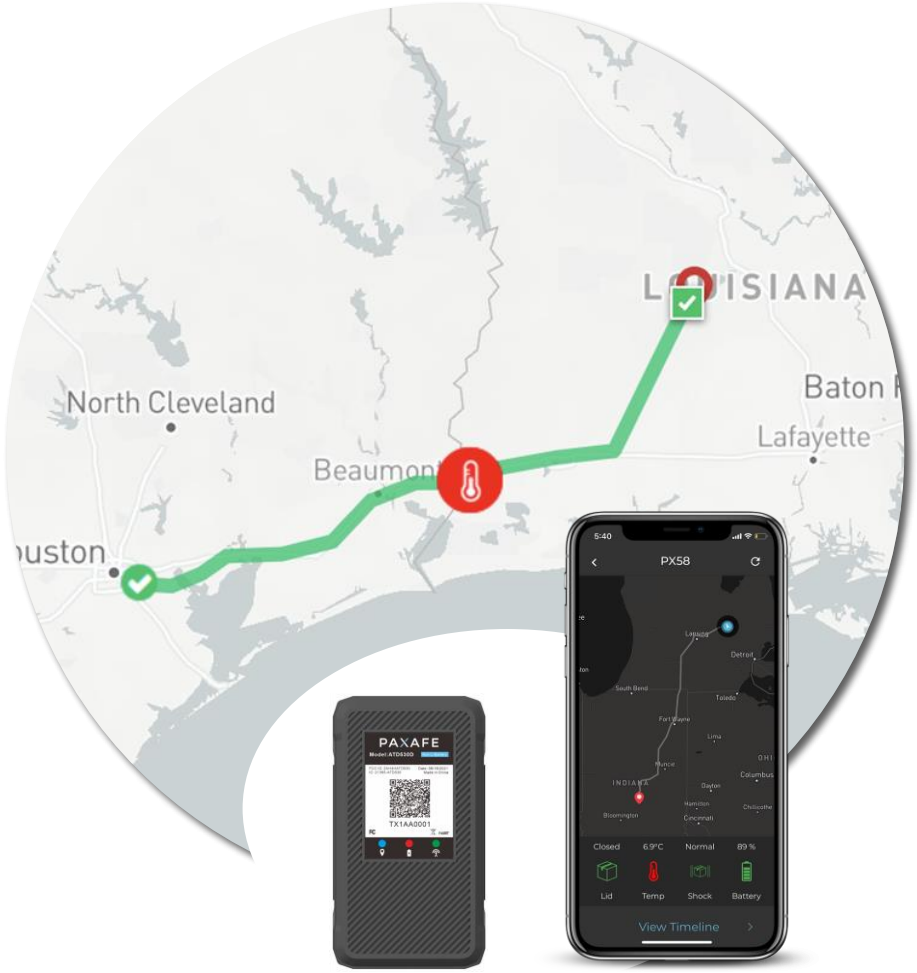
PAXAFE

Playbook for PDF Parser (Passive Lane Risk)

Operational Guide
August 2024



40 TEAM

Oct 2018 FOUNDED

Indianapolis HQ LOCATION

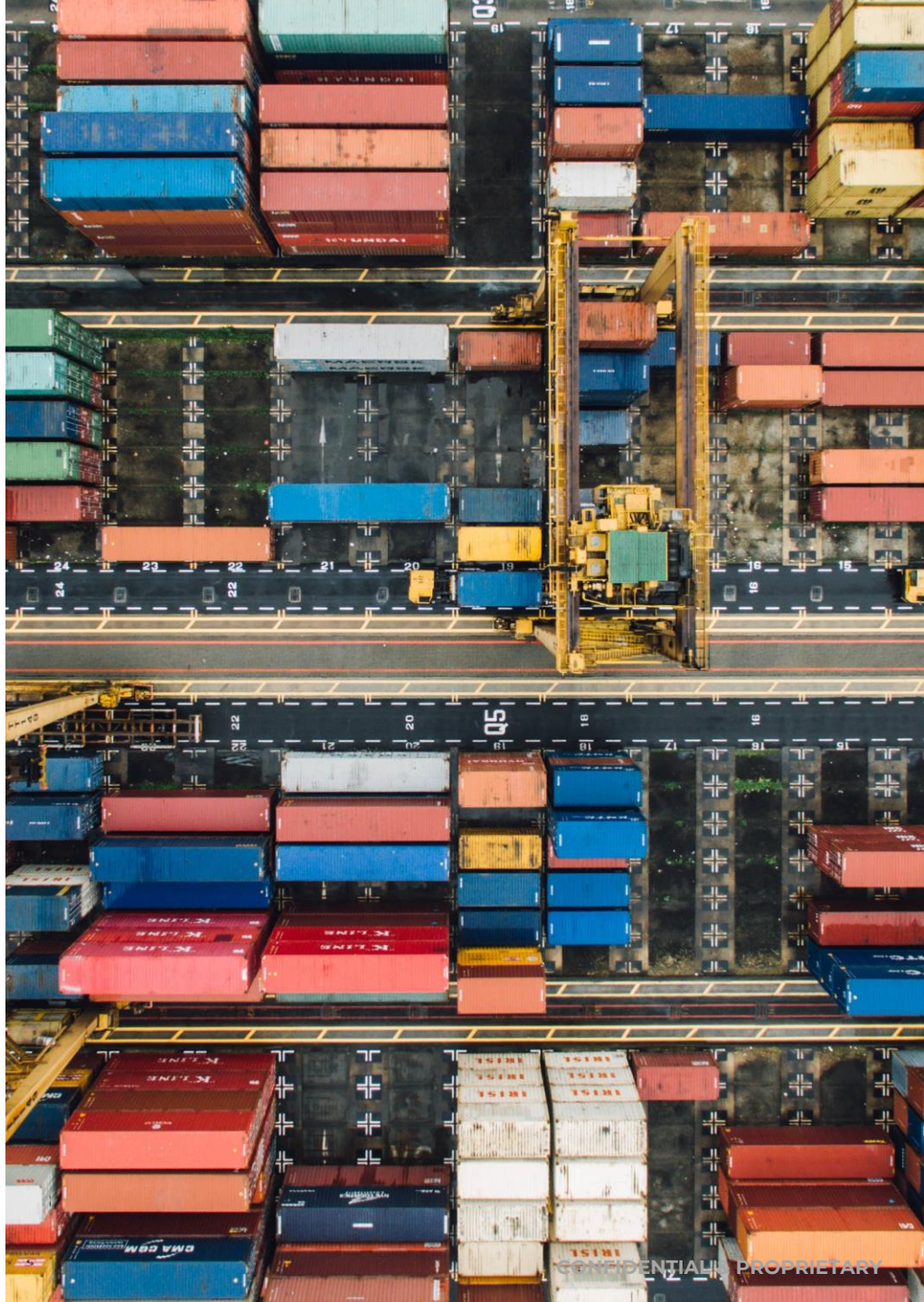
The Problem with Passive Temp Data

Transporting perishable and temperature-sensitive goods is crucial in various industries, such as food and beverage, pharmaceuticals, and healthcare. These products are highly susceptible to temperature and environmental changes, with any deviations during transit potentially causing significant reductions in quality, shelf life, and revenue.

However, there's a shortage of comprehensive in-transit supply chain diagnostic solutions to address timely evaluations of temperature excursions. At present, many shippers and carriers depend on historical data gathered from passive data loggers, also known as temp tails. This approach results in numerous time-consuming manual tasks, human errors, and additional staffing to ensure product quality.

Let’s face it – the process for extracting, analyzing and making quality temperature decisions using passive data loggers is manual, laborious, and costly. The process has a,

- ❑ Lack of a standardized and centralized repository for passive logger data
- ❑ Manual PDF review to analyze temperature data when determining accept, reject, or quarantine quality decisions
- ❑ No scalable passive data insights resulting in wasted logger data
- ❑ Expensive middleware specific to branded IoT solutions



PDF PARSER

All Groups | Paxafe

BULK UPLOAD

SELECT DEVICE BRAND

LIBERO

PDF PARSER PROFILE

Pdf Parser Profile 01

BULK UPLOAD

FILTERS | Search Documents... | SEARCH

Clear Filters

PARSED PDFs | TOTAL PDF 1220 | STR ALARM 828 | PTR ALARM 1122

Batch Id	File Name	Type	File Count	Timestamp	Download
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BID001	LiberoUpload.zip	Validation failed Invalid files zip contains ...		01/03/2024 at 10:19	
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PDF PARSER

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- LIBERO-PDF-Report-20210407090938... — Device Id: 7107 0353 759 — Libero
- LIBERO-PDF-Report-20210401005716-... — Device Id: --- — PDF Error
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PX001 Internal

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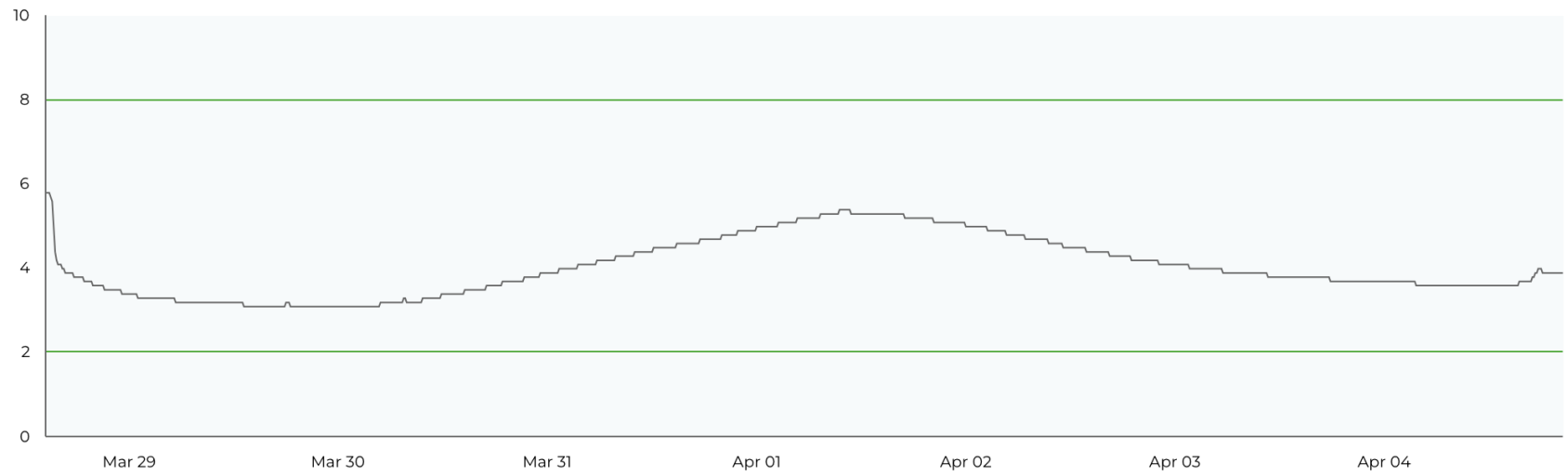
DEVICE ACTIVATION	DEVICE DEACTIVATION	TOTAL ACTIVATION TIME
03/29/2021 at 06:29 (UTC)	04/05/2021 at 12:33 (UTC)	7 days and 6 hours

TEMPERATURE DATA | STR ALARM | PTR ALARM

MIN TEMPERATURE	MAX TEMPERATURE	AVG TEMPERATURE
3.1°C	5.8°C	4°C



PDF PARSER

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PX001 Internal

PDF NAME	DEVICE ID	DEVICE BRAND
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DEVICE ACTIVATION	DEVICE DEACTIVATION	TOTAL ACTIVATION TIME
03/29/2021 at 06:29 (UTC)	04/05/2021 at 12:43 (UTC)	7 days and 6 hours

TEMPERATURE DATA | STR ALARM | PTR ALARM

MIN TEMPERATURE	MAX TEMPERATURE	AVG TEMPERATURE
3.1°C	5.7°C	4.3°C

TIMESTAMP (UTC)	TEMPERATURE DATA (C)
03/29/2021 at 06:29	5.7
03/29/2021 at 06:39	5.7
03/29/2021 at 06:49	5.7
03/29/2021 at 06:59	5.6
03/29/2021 at 07:09	5.5
03/29/2021 at 07:19	5
03/29/2021 at 07:29	4.4
03/29/2021 at 07:39	4.2
03/29/2021 at 07:49	4.1

PDF PARSER

All Groups | Paxafe

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Clear Filters

PARSED PDFs | TOTAL PDF 1219 | STR ALARM 828 | PTR ALARM 1121

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- LIBERO-PDF-Report-20210407090938... (0, 1) — Device Id: 7107 0353 759 — ro (0, 0, 1)

PDF PARSER PROFILE NAME: Pdf Parser Profile 01
LANE ID: Controlant Pilot
PACKAGING TYPE: PckgTYID001
BATCH ID: BID001
SHIPMENT ID: PX001
SENSOR TYPE: Internal

STR ALARM: No Alarm 1
PTR ALARM: Reject 1

PDF NAME: LIBERO-PDF-Report-20210407090840-7107...
DEVICE ID: 7107 0353 697
DEVICE BRAND: Libero
DEVICE ACTIVATION: 03/29/2021 at 06:29 (UTC)
DEVICE DEACTIVATION: 04/05/2021 at 12:43 (UTC)
TOTAL ACTIVATION TIME: 7 days and 6 hours

TEMPERATURE DATA | STR ALARM | PTR ALARM

PDF Product Profile

STR001

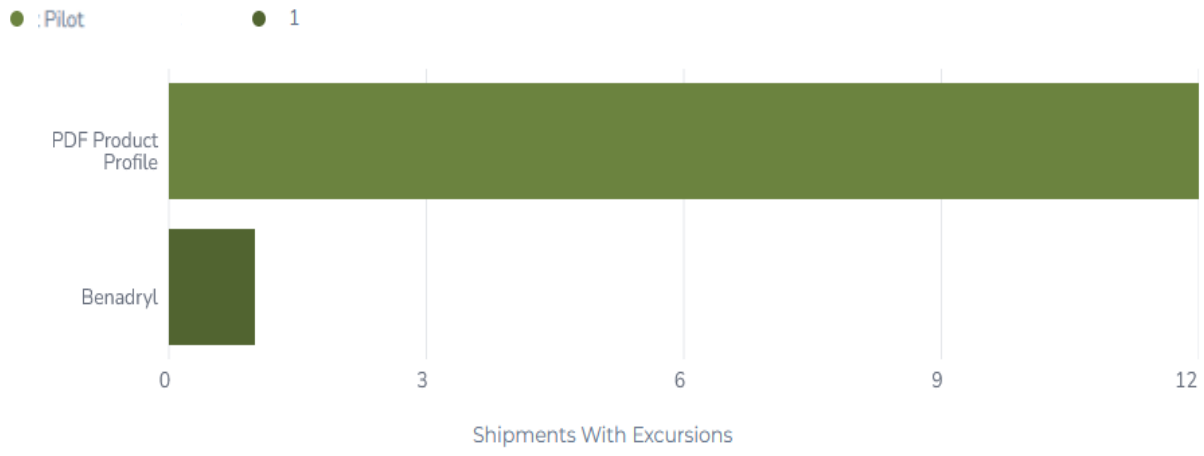
ActIng001

Reject

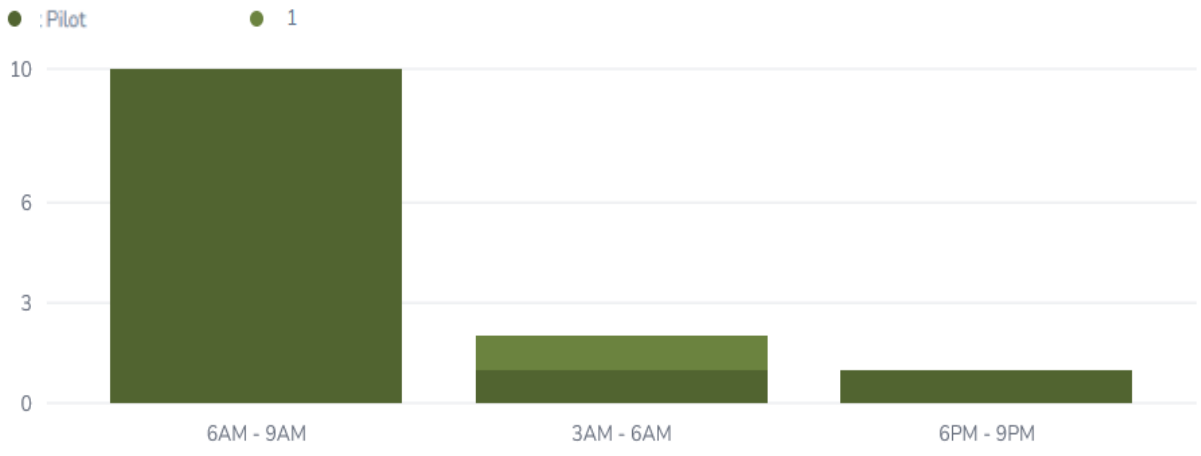
#	RANGE	DURATION	ELAPSED DURATION
1	-10°C - 1°C	5 hours	0 mins
2	1°C - 10°C	2 hours	7 days and 4 hours

Passive Lane Insights

Shipments with Excursions by Product Type



Shipments with Excursions by Start Time



Average Temperature Distribution Over the Journey