

PEGASUS ULD

SIMPLE. SMART. SUSTAINABLE.





Pharmaceutical air transport with a

USP

Transporting bulk quantities of pharmaceuticals and vaccines just got a whole lot more economical and efficient.

That's because the Pegasus ULD has landed – the first passive Unit Load Device (ULD), pioneered by Sonoco ThermoSafe.

It's a unique selling proposition, specifically for the Life Science and Healthcare community.



SIMPLE

Pegasus ULD is a cargo-friendly container supplied as part of a customer-friendly rental package.



SMART

Integrated onboard telemetry monitors your shipment on the ground and in the air, recording everything from temperature to tilt.



SUSTAINABLE

It's time to ground those single-use containers. The rental model means Pegasus ULDs are reused several times over. On retirement, they are 90% recyclable by weight.



As easy as...

ABC

If you set out to design the ideal temperature-controlled bulk pharmaceutical container, there would be three must-haves:

A

IT SHOULD BE

A ULD

Look out of the window next time you're on a plane awaiting take-off. See those shiny metal things all over the tarmac? They're ULDs, and these standardized air cargo containers deliver several advantages.

- **Simplified and speedier ground handling** – FAA and EASA approved, and designed to lock into aircraft holds.
- **Simpler and more economical for you** – supplied pre-conditioned ready to load and go. No extra materials, no special handling.
- **Exempt from customs declaration** – no fees to pay, no hold-ups at origin or destination airport.
- **Preferred by carriers and handlers** – no additional packaging, straightforward loading, no wasted space in cargo hold.

B

IT SHOULD BE

PASSIVE

Until now, the only ULDs available for pharma products relied on active temperature control. That means your high-value pharmaceuticals were accompanied by a compressor, or other mechanical device, introducing complexity and cost into the equation.

The first passive ULD, Pegasus combines efficiency with economy.

- High-tech insulation and PCM provides more than 120 hours of qualified performance at 2 to 8°C.
- Eliminates risk of mechanical failure.
- Unrivalled price/performance ratio.

C

IT SHOULD HAVE

INTEGRATED TELEMETRY

To explain what our integrated telemetry really means, we need a whole page to cover it. Turn over the page to explore what makes Pegasus smart.



Rocket science?
Maybe not.
Aircraft science,
certainly.

Unrivaled FYI

Let's go on a journey, one smart step at a time.

Every time you ship in a Pegasus ULD, essential data is collected by the integrated telemetry.

It's gathered in real-time and stored in the cloud high above the aircraft that's carrying your cargo.

That data is a record of that individual shipment, and it's your reassurance that it arrived safely, securely and without incident or excursion.

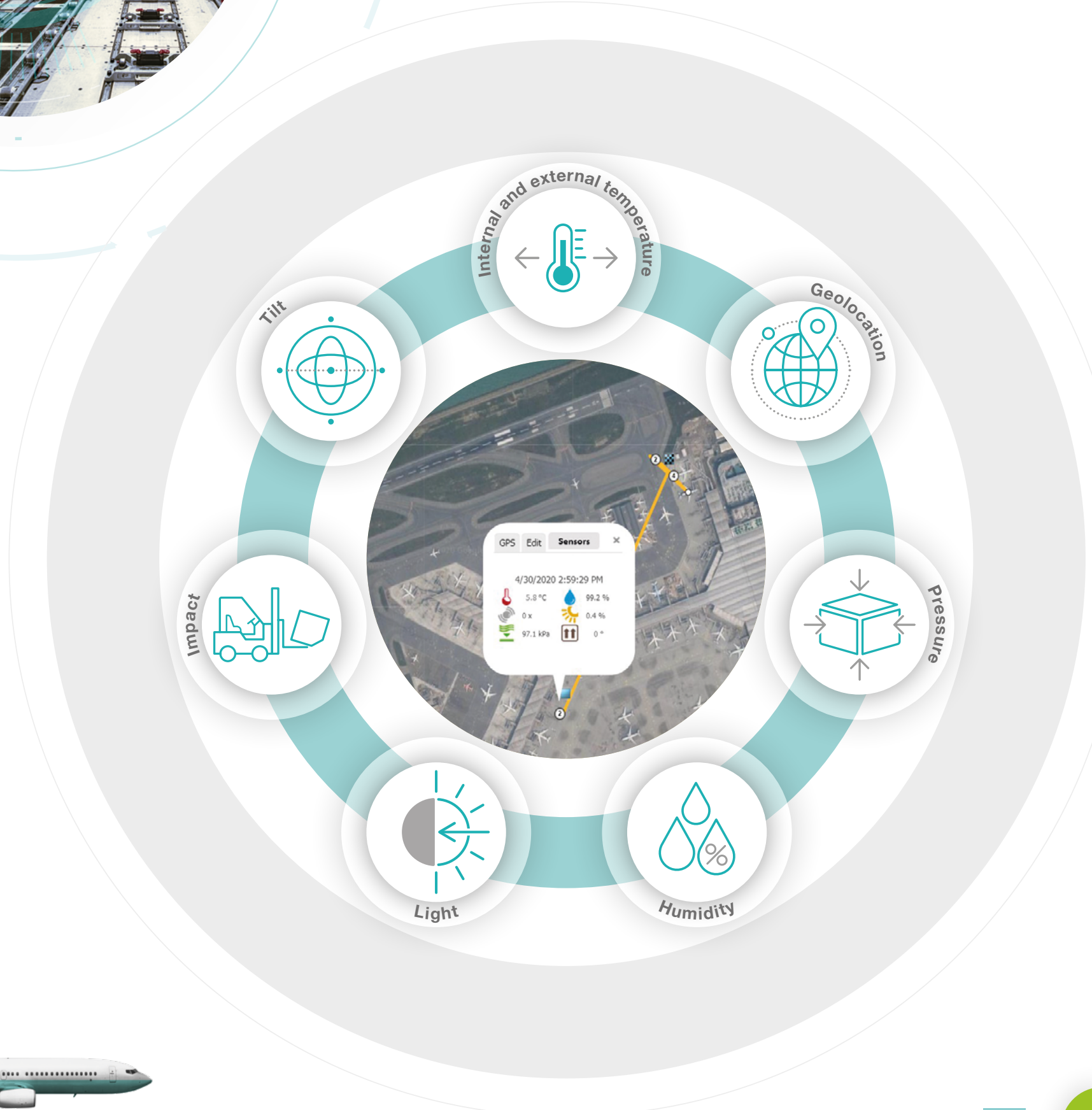
The next step is to pool that data, and convert it into information and insight. Into the kind of knowledge that informs potentially million-dollar decision-making.

- ✓ 100% we can switch to a passive shipper for drug X on Y lanes.
- ✓ Let's avoid that transit location as security has become an issue.
- ✓ Just by changing from lane Z to lane Y we can mitigate risk without compromising compliance or product integrity.
- ✓ We don't need to micromanage every shipment, let's simply manage by exception using notifications in real-time.
- ✓ We can anticipate problems before they happen – we have location and environmental data.

**That's the journey.
One of continuous improvement.**



↓ **VISIBILITY IN TRANSIT
WITH TELEMETRY**



SONOCO & CSR

Sustainability is in its

DNA

As a pharma company, you'll have pretty challenging Corporate Social Responsibility (CSR) goals.

All the more reason to fly Pegasus ULDs.

TRAVELING LIGHT

Pegasus is the product of innovative materials science and advanced aeronautical engineering. Made from composite materials, it is substantially lighter than traditional metal ULDs. This unique lightweight design reduces the carbon footprint on every flight.

FREQUENT FLYER

Single-use packaging options are costly and awkward to dispose of at the destination. Pegasus ULDs are engineered to be re-used multiple times over many years – hence our economical and attractive rental proposition. Similarly, the composite construction is more damage-resistant than metal. And that means Pegasus spends more time in service in the air, less on the ground in the repair shop. On retirement, 90% by weight of each Pegasus is recyclable.

FEWER AIR MILES

With a fast-growing number of Pegasus Network Stations worldwide, our ULDs have a shorter distance to travel from destination back to their nearest Network Station. Bigger global footprint, lower carbon footprint.

Better Packaging. Better Life™

Sonoco is committed to creating sustainable products, services and programs for our customers to support our corporate purpose of Better Packaging. Better Life.

TOP 100

Sonoco is named as one of Barron's 100 Most Sustainable Companies.

+70

Sonoco has helped over 70 customer facilities achieve 'Zero Waste to Landfill' status.

65%

Sonoco recycles, or causes to be recycled, the equivalent by weight of 65% of the product it places in the marketplace.



TLC_{x2}

TOTAL LANDED COST

With Pegasus, your pharmaceuticals fly first-class at an economy fare.

1 A ULD GETS YOU OFF TO A FLYING START

They're the standard air cargo format (so standard, they're actually officially classified as aircraft parts). So ground handling is easy, customs clearance is not an issue, and they don't waste space in the cargo hold.

2 PASSIVE IS LESS PRICED THAN ACTIVE

It's a fact. State-of-the-art insulation is more economical than mechanical refrigeration. Ask any freight forwarder.

3 RENTING IS BETTER THAN BUYING

In the short run, in the long run. No capital outlay, no single-use disposal costs, less environmental impact.

TENDER LOVING CARE

We know navigating air freight pharma transportation isn't always smooth sailing. In fact, it's often like a jigsaw puzzle involving not only freight forwarders and airlines, but also ground handlers and trucking companies.

At Sonoco ThermoSafe, we're at the heart of it. And we know how the pieces fit together. When you switch to Pegasus ULD, you get more than the best air cargo containers. You get all the care in the world, from a global team with your best interests at heart.





**Sending bulk shipments
all over the world?**

WE CAN HELP!

Getting started with the Pegasus
ULD rental service is simple.

Talk to us about making the switch
by visiting thermosafe.com/pegasus-uld



SONOCO
THERMOSAFE