LIBERO

Stability Monitoring for Products in Transit

ELPRO

LIBERO Cloud Unlimited
Flexible, fully customizable database solution.
End-to-end visibility, full process integration.
Product assurance as you've never seen it before.

LIBERO Cloud
Database solution with
standardized configuration, hosted
on a secure server infrastructure
managed by ELPRO.

Take your cold chain process to the next level.

LIBERO Indicators
Economical, multilevel indicators
designed for temperature monitoring of
pharmaceutical products and for clinical
studies along the entire supply chain.

LIBERO PDF Data Loggers
Trusted and proven to cover all common
requirements for monitoring products in transit –
from frozen, refrigeration and room temperature,
to dry ice, humidity and cryogenics.

we prove it.

Stability from A to Z
Get Started on the Ground – then Take it to the Cloud

LIBERO Indicators

Last-Mile Intelligence

Lifetime stability monitoring of pharmaceutical kits or products along the entire supply chain. Get indications of product condition at any point with wireless readouts.

R&D and Production — Logistics Center — **Hospital or Pharmacy** — **Patient**

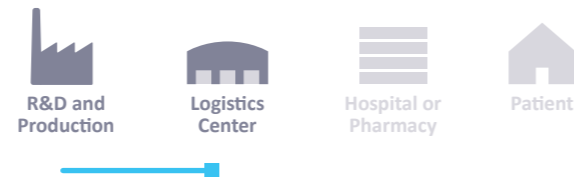### The only smart, box-level indicator you can read out.

LIBERO ITS is thin, compact and priced for unit level. It comes preconfigured according to your product stability profile, with no installation or configuration required.

LIBERO PDF Data Loggers

LIBERO PDF Report
with Multilevel Alarm Criteria

Configuration

Alarm Zones
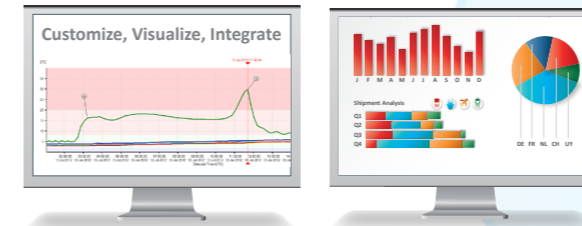
Logging Results

Custom Product Details

Logistics Evidence

Commercial and clinical trial shipments with one or hundreds of compliant data loggers. Get fully detailed temperature data and reports.

R&D and Production — **Logistics Center** — Hospital or Pharmacy — Patient

All purpose data loggers that cover all requirements:

- Preconfigured
- Customized profile
- Ad hoc configuration

Temperature/humidity:
- Ambient
- Dry ice
- Cryogenics

LIBERO Cloud

Customize, Visualize, Integrate

QA Convenience

A quality assurance database growing with your needs: Cost-efficient, validated, secure and convenient. Anywhere, anytime.

R&D and Production — **Logistics Center** — Hospital or Pharmacy — Patient

Archive

Rock-solid, long-term, nonmanipulable, easy access database. Your data is stored on highly secure ELPRO servers, providing full data integrity and 100% compliance.

Trace

Choose from powerful tools to manage your shipments and get transparency with shipment tracking, missing logger reminders, and much more.

Assess

Assess and approve excursions, notify site of release decisions. Correct start/stop times, use alarm templates, and check on remaining stability budgets.

LIBERO Cloud Unlimited

Blue-Sky Independence

Upgrade to the best in class monitoring solution to optimize your supply chain. Benefit from flexible and unlimited features.

R&D and Production — **Logistics Center** — **Hospital or Pharmacy** — **Patient**

We manage your processes and take them to the next level:

We know cold chain.
We analyze and design.
We go step by step:
1. Manage your processes
2. Improve
3. Automate

We improve quality, save time, and cut costs.

Overview: LIBERO Stability Solution

Feature descriptions (by column):

- *Track shipments and set reminders for missing loggers*
- *Group loggers to shipments*
- *Get regular automated reports*
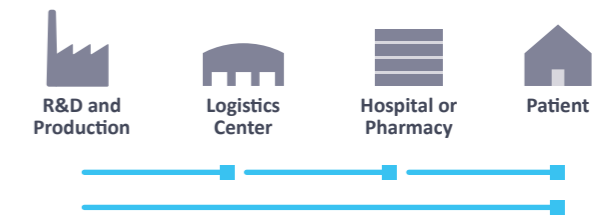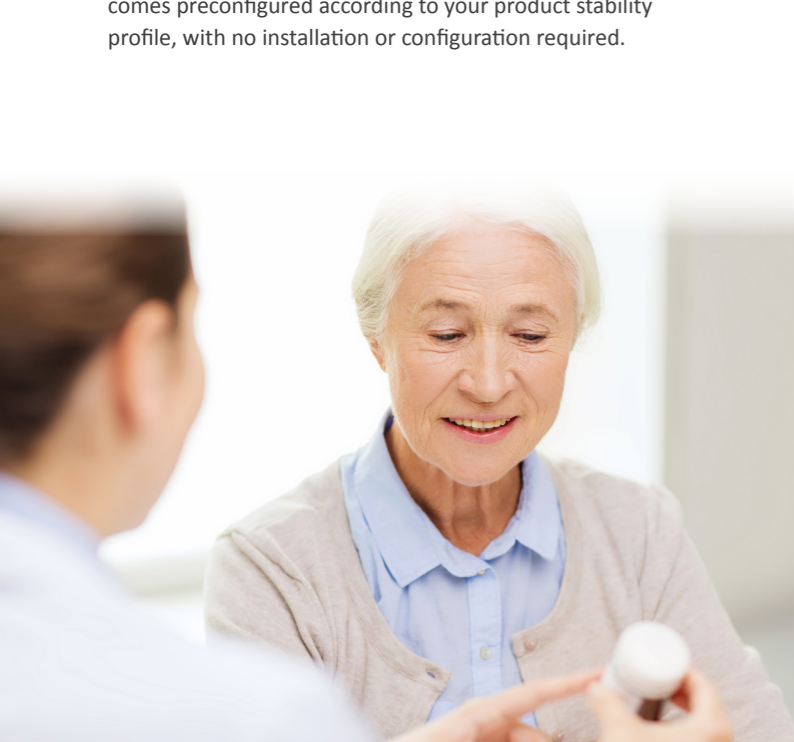- *Maintain your metadata and logger status*
- *Assess and approve excursions and notify site of release decisions*
- *Correct start/stop times, use alarm templates, and check on remaining stability budgets*
- *Secure and compliant storage of PDF reports*
- *Color coding and notifications for alarm shipments*
- *Create KPIs and view results using an interactive dashboard*
- *Storage and visualization of all measurement values*
- *Automate and integrate with other systems to improve and accelerate existing processes at sending site, at receiving site, or quality assurance center*
- *Calculation of remaining stability budgets*
- *Clear visibility of product status on device or software*
- *Create customized workflows using e-mail, reminders, and notifications according to your operational procedures*
- *Customizable PDF reports with embedded, nonmanipulable raw data*

Columns: PDF/A · OK/alarm · Stability · Graph · Archive · Trace · Assess · Dashboards · Automation and ERP integration · Multi-workflow

Product	PDF/A	OK/alarm	Stability	Graph	Archive	Trace	Assess	Dashboards	Automation and ERP integration	Multi-workflow
LIBERO Cloud Unlimited	●	●	●	●	●	●	●	●	●	●
LIBERO Cloud Assess	●	●	●	●	●	●	●	●	○	○
LIBERO Cloud Trace	●	●	●	●	●	●		○	○	
LIBERO Cloud Archive	●	●	●	●	●			○		
LIBERO CS, CD, THi1-S, Te1-PS	●	●	●	●						
LIBERO CB	●	●	●	●						
LIBERO ITS, CI	●	●	●							

100% compliant

> « ELPRO is a trusted, reliable partner that helps me manage my entire cold chain. They have over 30 years of experience in the pharmaceutical industry, and help me ensure compliance. »

elpro.com