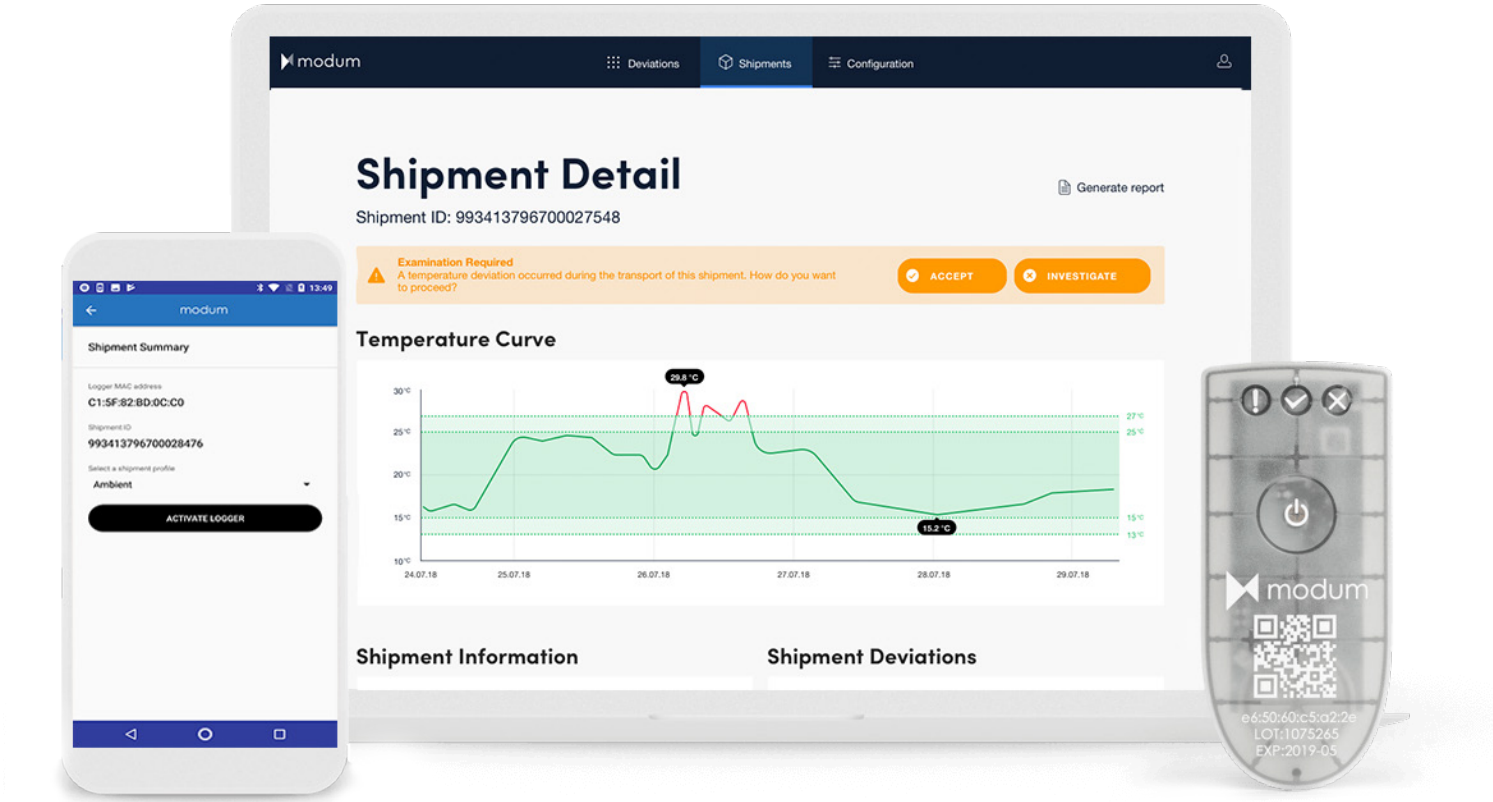
MODsense

The Next Generation of Temperature Monitoring: Easy to Handle and Integrate. Immediate Access to Trusted Data.



Immediate & global access to secure data.

Fast, wireless logger configuration & readout, without opening shipments.

Qualified for monitoring medicinal product distribution.

Auditable data management with data integrity and authenticity.

A User-Friendly Solution Designed with High-Volume, Last-Stage Shipments in Mind.

MODsense, enables trusted temperature monitoring in quality-sensitive supply chains, where even high volumes of shipments need to be reliably managed. It provides monitoring based on pre-defined quality requirements for each shipment with automatic performance and conformity evaluation.

MODsense allows user-friendly deviation management in a role-based web application. It offers instant notifications of temperature excursions to all stakeholders when the data logger is read out wirelessly at delivery. The entire solution can be seamlessly integrated with existing workflows and enterprise management systems, such as SAP, and leverage a recorded trusted event for further business process automation. It also integrates well with track-and-trace systems across supply chains, allowing automatic and reliable notifications at the time of shipment hand-over.

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MODsense T (generation 1)

Device Specifications	
Dimensions L x W x H	95 x 43 x 10 mm
Weight	22 g
Casing	ABS / MABS, tamper-evident
Protection Class	IP 67
Measured Parameters	Temperature in °C
Measurement Accuracy	±0.5 °C within operating measurement range
Maximum Storable Measurements	45,000 measurements
Battery Type	Li/MnO_2 Coin Cell
Communication Interfaces	Bluetooth Low Energy (BLE) Near Field Communication (NFC)
User Interface	3 LEDs: operating state, conformity with set conditions, & logger state 1 Button: wake-up
Repeatable Use	Unlimited within operating conditions
Device Traceability	Unique logger ID, QR-tag on device
Data Traceability	Device-specific signature for data authenticity from logger to blockchain
Compliance	RED, RoHS, WEEE, EN 12830
Markings	CE
Operating Conditions	
Operating Measurement Range	-20 °C to +60 °C
Storage Conditions	+5 °C to +30 °C
Typical Total Duration of Data Recording	30 days
Minimum Shelf Life	1 year
Logger Expiration Date	Set and written on device
Measuring Parameters & Settings, Customizable for Each Shipment	
Measurement Start Delay	0 to 60 minutes
Measuring Interval Range	1 to 30 minutes
Data Export Formats	PDF, CSV, Excel
Alarm Settings	Multi-level Cumulated temperature Shipment delay
Notifications	Email, SMS, Smart Contract API
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