

Monitoring the Integrity of Patient Samples



How asset tracking with temperature visibility and validation can support your teams in confidently shipping patient samples to laboratories.

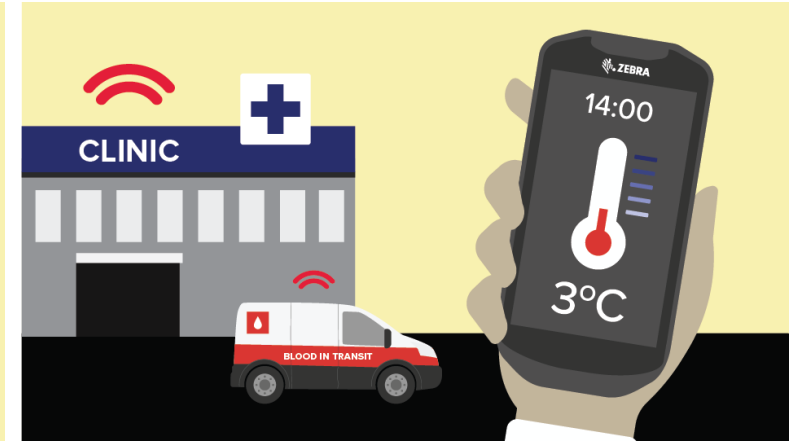


Samples are taken from patients in primary care clinics and properly stored pending transportation to the lab.



Clinicians pack samples into medical bags. The ZS300 electronic sensor is placed inside a pouch in the lid.

RFID labels are printed too and fixed to the bag; the labels contain an accurate inventory list for the bag, with the data automatically recorded as it leaves the clinic.



The ZS300 collects temp readings at intervals you define. The courier can read the data via an Android™ mobile app on Zebra devices (apps for different mobile devices can be developed too). Real-time insight raises alerts for any temperature excursions.


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- ✓ Validation of temps during journeys
- ✓ Lower costs (reducing retests where clinicians aren't sure of sample quality)
- ✓ Time-saving for patients (right first-time tests)
- ✓ Greater confidence for staff when making decisions
 - ✓ improved process accuracy
 - ✓ Improved efficiencies



At the lab, RFID automatically and accurately identifies each sample. Samples can also be individually scanned at the point of testing for further identity validation.

The ZS300 holds up to 16000 temperature recordings, and transmits those logs via Bluetooth®, providing event visibility from the point of origin to receipt. This reliable record creates confidence in how the shipment was handled.

The solution provides a range of benefits.



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