

# PULSE

*Any object becomes a  
sensing device:*

Nanomade enables the detection of micro-deformations making possible physiological parameters monitoring, object presence detection, structure deformation detection,...



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Pulse product is a BallistoCardioGraphy system that allows the accurate measurement of “micro” body movements including those generated by each blood ejection from the heart into the descending aorta. These measurements are made in a totally non-intrusive way.



Heart Rate & Variability  
*with 5s latency*



Respiratory rate & Variability  
*with no latency*

This solution delivers vital parameter measurements in real-time with high accuracy:



Actigraphy & Posturography

Pulse technology enables the assesment of the following health features:



Drowsiness  
& Stress



Sleep  
Condition



Epilepsy &  
Shivering  
conditions



Heart  
dissorders



Blood  
pressure



Posture