



1. INGESTION Multi-Modal Input

Collect data from available sensors and sources.



2. PHYSIOLOGICAL INTERFACE BRIDGE™ (PIB™) (Standardize & Extract Physiology)

Translate heterogeneous data into a unified physiological language.



3. PAS CORE ENGINE (Understand & Predict)

AI/ML models understand current state, predict future state and risk.



4. ADAPTATION & ACTION (Personalized Output)

Deliver the right adaptation or action through the right channel.



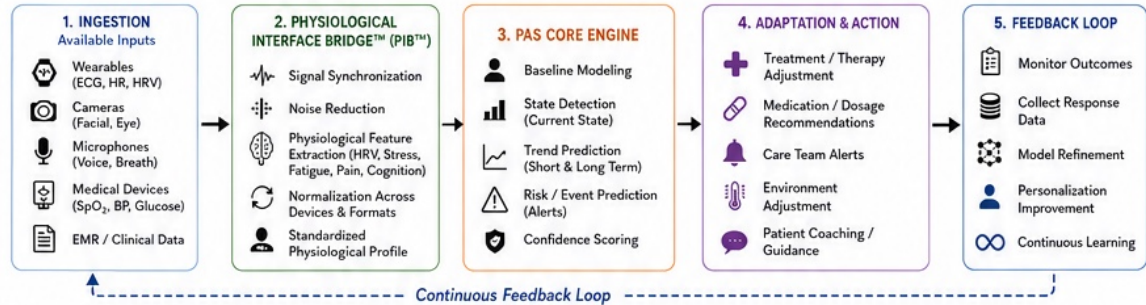
5. FEEDBACK LOOP (Learn & Improve)

Measure outcomes and refine models for continuous learning.



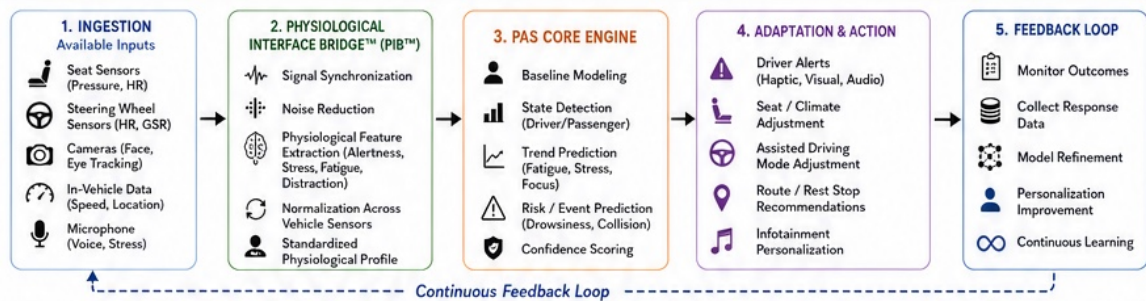
HEALTHCARE

Continuous patient monitoring and personalized care adaptation.



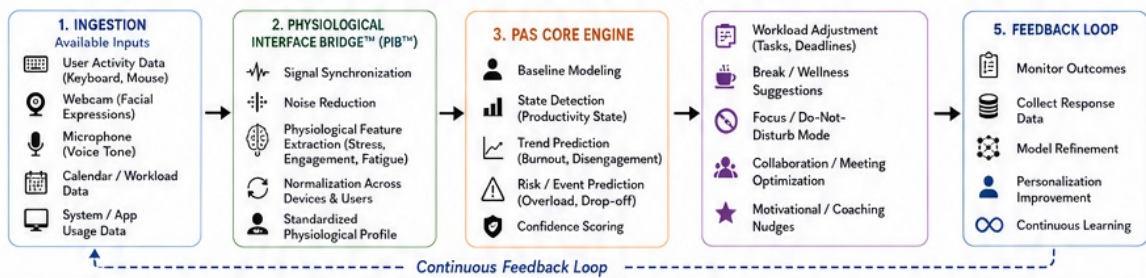
AUTOMOTIVE

Driver & passenger state monitoring for safety, comfort & performance.



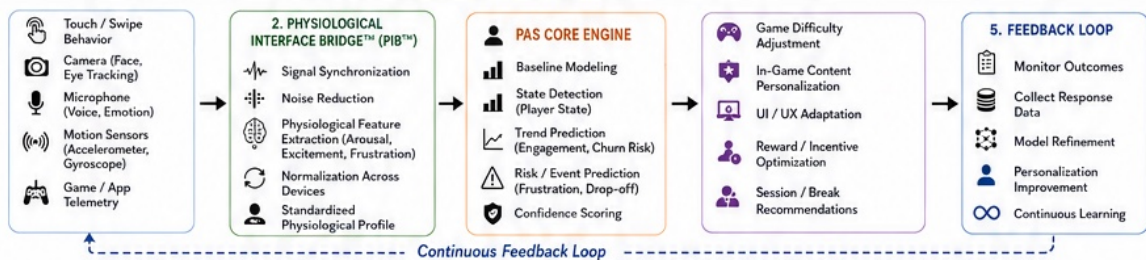
ENTERPRISE SOFTWARE

Employee well-being & productivity optimization.



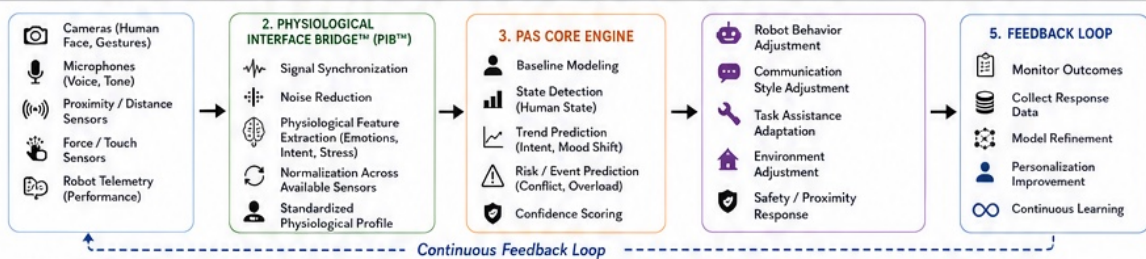
MOBILE GAMING / COMPUTING

Immersive adaptive experiences based on player state.

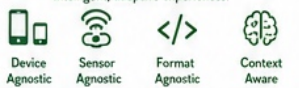


ROBOTICS

Adaptive robot behavior based on human state and environment.



PHYSIOLOGICAL INTERFACE BRIDGE™ (PIB™)
Translates raw, heterogeneous sensor data into a unified physiological language that the PAS Engine understands — enabling any system with any sensors to deliver intelligent, adaptive experiences.



PAS CORE ENGINE
The brain of the system that understands, predicts, and decides.



ADAPTATION & ACTION
Delivers the right action at the right time through the right channel.



FEEDBACK LOOP
Continuous learning from outcomes to improve accuracy and personalization.

