

## Waveform Signal Processing

### ECG (Electrocardiogram)

- Sampling: 250-500 Hz
- P, QRS, T wave detection
- Arrhythmia classification
- R-R interval calculation

### EEG (Electroencephalogram)

- Sampling: 256-512 Hz
- Frequency band analysis
- Artifact removal
- Seizure detection

## Signal Processing Pipeline

