

##	Application areas	Level of development
1	Household checking the status of the cardiovascular system (CVS): <ul style="list-style-type: none"> • Identification of cardiac arrhythmias; • Determination of vascular status 	High
2	Monitoring cardiovascular side effects of drugs	High
3	Monitoring status of CVS during fitness programs, physical exercises, training	High
4	Monitoring status of CVS during recovery period (after a surgery, clinical treatment et al)	High
5	Monitoring status of CVS during <u>rehabilitation</u> period (after heart attack, stroke et al)	High
6	Monitoring status of CVS during physical therapy	Medium
7	Monitoring of CVS during restoration of autonomic balance (e.g., in diabetics)	High
8	Identification and prevention of stress	Medium
9	Analysis of CVS conditions of children and adolescents	High
10	Identification of addictions in teenagers (smoking, alcohol, drugs)	High
11	Biofeedback based on CVS control	High
12	Application by insurance companies	Low
13	Monitoring status of CVS during medical tourism, ocean cruises	Medium
14	Monitoring of CVS status of: <ul style="list-style-type: none"> • Airline dispatchers and pilots; • Transport drivers • Operators of power plants, chemical, nuclear, oil and gas plants • Professionals having access to weapons and toxic agents • Staff of security firms, police, law enforcement 	Medium
15	Monitoring of CVS status of patients in dentist's offices	Medium
16	Control of CVS conditions of diabetics	High



1	Use of technology in telemedicine systems	High
2	Embedding/integration of Pulstream components in consumer products: <ul style="list-style-type: none">▪ Notebooks▪ Keyboard▪ Computer mouse▪ Remote controls▪ Cell phones▪ Smart phones▪ Tablets▪ Webcams▪ Digital cameras▪ Computer game accessories▪ GPS navigators	Medium
3	Embedding/integration of Pulstream components in consumer medical products: <ul style="list-style-type: none">▪ Blood pressure monitors▪ Body composition analyzers▪ Glucose monitors▪ Pulse Oximeters	Low
4	Use of Pulstream technology in biometric applications	Low
5	Use of Pulstream technology for non-invasive monitoring of: <ul style="list-style-type: none">▪ arterial blood pressure▪ blood cholesterol	Medium

