

# Digital Developments using IoT/Sensors/Wearable Technologies

Data-gathering mechanism for the AI system. Examples include video surveillance cameras in smart city and retail applications, environmental sensors in smart agriculture, and wearables in sports and fitness

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<p><b>UnitedHealthcare</b> <i>(Wearable Technology)</i></p> <p>UnitedHealthcare provides wearable activity trackers to employees through a partnership with Qualcomm. Personalized rewards provide incentive to employees to meet daily activity goals.</p>	<p><b>Novartis</b> <i>(Wearable Technology)</i></p> <p>Novartis partnered with Google to offer smart contact lenses that measure blood glucose levels from tear drops and inform Diabetes patients of irregularities.</p>	<p><b>Cyrcadia Health</b> <i>(Wearable Technology)</i></p> <p>Cyrcadia Health offers the iTBra, a wearable device to help provide early breast cancer detection. Embedded sensors track breast tissue abnormalities, and a companion app provides recorded information to wearers.</p>	<p><b>Ralph Lauren</b> <i>(Wearable Technology)</i></p> <p>Ralph Lauren launched new sportswear to monitor the health and activity of athletes, transforming clothing into an information-rich service.</p>	<p><b>L'Oreal</b> <i>(Wearable Technology)</i></p> <p>L'Oreal has designed a stretchable skin sensor that monitors ultraviolet light exposure to provide customers with more personalized skin care recommendations.</p>	<p><b>Tesco</b> <i>(Wearable Technology)</i></p> <p>Tesco uses tracking armbands to help employees effectively track goods across distribution centers and improve time-to-delivery estimates.</p>	<p><b>Novartis</b> <i>(Wearable Technology)</i></p> <p>Novartis partnered with Google to offer smart contact lenses that measure blood glucose levels from tear drops and inform Diabetes patients of irregularities.</p>
<p><b>General Motors</b> <i>(IoT)</i></p> <p>General Motors uses sensors to monitor the temperature and humidity of its manufacturing plants. This data allows General Motors to automatically adjust its assembly line so that cars are painted in perfect conditions to avoid poor paint quality.</p>	<p><b>Miami International Airport</b> <i>(IoT)</i></p> <p>Miami International Airport (MIA) uses Internet-connected sensors and smartphone apps to provide travelers with personalized directions to their flight as well as nearby restaurants and shops they can visit.</p>	<p><b>Nationwide</b> <i>(IoT)</i></p> <p>Nationwide uses IoT to personalize their car insurance premiums. They provide their customers with a sensor to attach to their car that can monitor their driving patterns and behaviors.</p>	<p><b>GlaxoSmithKline and Google</b> <i>(IoT)</i></p> <p>GlaxoSmithKline and Google are embarking on a bioelectronic joint venture that uses small, implantable devices to record neural activity and analyze the data in real time to regulate neural signals for therapeutic benefits.</p>			