

# Smart Technologies That Have Changed the World

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### In brief

Smart technology meaning is an interconnection of devices that perform functions with a higher level of autonomy than other non-smart devices. Smart technology works when connected to other devices via the internet.

Smart technology meaning is an interconnection of devices that perform functions with a higher level of autonomy than other non-smart devices. Smart technology works when connected to other devices via the internet. The autonomy can involve decision-making software or a simple routine like turning your lights on or off.

These devices come with apps to allow easy use of the devices; they might also be associated with an external service provider. Although they are connected via the internet, they communicate with each other at home within a local network. You can connect some devices physically with a wire. Smart technology is convenient and helps to bring down bills.

## Top Technologies that Have Transformed the World

Technology has come a long way; it has changed how we interact, think, and do our chores. It continues to improve our lives; here are 5 smart technologies that have changed the world extremely.

### 1. Smart Devices

You cannot talk about smart technology without mentioning smart devices. Smart gadgets are ordinary devices made intelligent with advanced computing like machine learning and artificial intelligence and networked to develop the Internet of Things. These devices can operate on very small endpoints or at the edge of the network; although they are small, they process data without the need to report back to the cloud.

Smart technology devices can bring intelligence to spaces and objects like buildings and smart homes. Smart technology benefits include reducing energy usage; for instance, the smart home thermostat lowers energy levels and gives you complete control of the device.

You can use it with your iPhone or smartphone. Smart devices also improve communication, help you to keep in touch with family and friends. Unlike in the past, you don't have to write a letter and wait for days for your reply.

Smart technology for homes increases the value; smart homes are more valuable to potential buyers. Smart gadgets are flexible; you can connect them with other home devices. Smart devices like your phone can help you make money online and then analyze your income. For example, Jack Hammer, developer of a huge number of android apps for business, has created an application, which helps to analyze and manage people's finances.

### 2. Smart Technology for Education

Smart technology nowadays has transformed the education system for the better; students can attend online classes and earn their degrees or get promoted to the next class. Smart technology for education provides holistic learning to students through modern technology to prepare them for the changing world that requires adaptability. It offers a shift in how we provide and access education; it uses state-of-the-art technology to help teachers and students to adapt to changes.

Smart education can happen in a physical or virtual environment or blended. Students gain more knowledge through online classes, smartphones, cloud servers, virtual environments, etc. It equips them with useful skills for smart technology of the future and digital world that requires new ways of working and living.

Smart technology for education is accessible even by students in remote areas. Modern learning methods allow students to interact for online discussions and to solve challenging questions. You can also enroll in many courses offered online by reputable universities across the world.

Parents also benefit from smart education; it keeps them updated. Teachers can record students' performance and share the results digitally with parents. Smart education is a better way of curating the curriculum and assessing learner outcomes. This method starts with the student; it helps learners by developing better teaching methods that suit students.

There is continuous assessment; it checks progress against individual student needs. This is known as adaptive learning; it is the highlight of smart education. Smart education can be shared, making it accessible to many students. Mobile learning is democratizing the learning process; it is a great knowledge transfer tool.

### **3. Smartwatches**

Some people look for smart technology disadvantages and forget to focus on the achievements like smartwatches. It is a computerized wristwatch. Smart technology features include access to the internet. Every smartwatch can access the internet through your WIFI network. Unlike smartphones that can access the internet, a smartwatch does not require your full attention.

It has easy-to-use buttons; you can also pre-set apps to land on your favorite pages. They tell time and more; as watches become less popular, a smartwatch tells time, date, has an alarm, and displays time even in darkness.

Did you know that you can make calls using your smartwatch? It is more convenient and easily accessible; you don't have to swipe to answer a call. You also don't have to worry about hanging up accidentally; it is also easy to talk using your smartwatch via a Bluetooth device.

If you are a music-lover, a smartwatch helps you to play music effortlessly. You can access your playlist from your wrist; you can switch between songs and increase or reduce volume by pressing a button.

Social media access is easy from your wrist; it allows you to view notifications. Smartwatches receive instant notifications; they are faster than other devices. They also help you with your fitness journey; they are some of the best fitness tracking gadgets and are versatile. You can monitor your progress and personalize your workouts.

### **4. Voice Assistant Technology**

Voice assistant technology is becoming popular by the day; it performs services and tasks using voice commands. These commands allow you to manage emails, control home automation devices, watch movies, create a to-do list, set reminders, etc. Smart technology in business has many benefits: it helps to modernize business activities and improves worker productivity.

Smart technology examples like personal assistant technologies work continuously, offering your business streamlined day-to-day operations. Voice assistants can remember deadlines and important dates.

They schedule appointments and update crucial systems. This is more professional and resourceful; it reduces operational costs and provides innovation for your business. Voice assistant technology improves e-commerce marketing, for instance, using chatbots to serve customers. This makes shopping an enjoyable experience for online shoppers.

Voice assistant technology also provides HR support; it has increased efficiency. HR can focus on complicated tasks; this provides a positive experience to the candidates being interviewed. Specific voice technologies conduct interviews and select qualified candidates. Machine learning algorithm makes the hiring process accurate and quick. HR can also benefit from scheduling vacation and training programs.

## **5. Facial Recognition**

Facial recognition is a smart technology that uses a biometric software application that identifies or verifies people by analyzing and comparing patterns based on their facial contours. It is used for security purposes; it makes it easier to track down trespassers, thieves, etc. It is not only limited to recognizing criminals; it can be used to find missing people and could also make it intrusive for airplane passengers at checkpoints.

Facial recognition provides a fast and non-invasive identity verification; it does not require contact with the user. You don't have to remember passwords or present your ID. Facial recognition also allows companies to control access to resources without long queues. It is not only limited to physical security but also cybersecurity. Companies can use facial recognition instead of asking for passwords.

## **Conclusion**

Technology has affected our everyday lives; it easily adapts to using data. It picks patterns and creates responses that suit the situation. It also analyzes data to determine a faster and better way to achieve similar results.

Do you use any smart technology at home? Which type? Please leave a comment.

## **References**

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