Internet of Things (IoT): the inter-networking of physical devices, vehicles, buildings and other items embedded with electronics, software, sensors, actuators and network connectivity which enable these objects to collect and exchange data

INTELLIGENT PERSONAL ASSISTANTS

Intelligent Personal Assistants provide simple, fast, easy-to-use tools for persons with intellectual and cognitive disabilities. With devices such as Amazon Echo, Google Home and Apple HomePod, users can:

- Create tasks or to-do lists
- Read books
- Create a shopping list and/or order items directly from Amazon
- Make voice calls
- Prepare for the day by asking about the weather and news
- Set prompts/alarms
- Voice control their environment

WEARABLE DEVICES

Wearable technologies like smart watches and fitness trackers make it easier for persons with intellectual and cognitive disabilities to interact with their technology. Many of these technologies provide alarms, timers, prompting and cueing as well as real-time GPS tracking.

Activity-Tracking Bands
(FitBit, Garmin, Jawbone, Pebble, Apple Watch, Pebble, NuBand)
- Track steps, heart rate, sleep, calories burned
- Connects with app or website and provides users with an activity summary

Activity-Tracking and Elopement Devices
(AngelSense, Weenect, TraxPlay, Gizmo Gadget Watch)
- Accurate and detailed GPS solutions
- Notification and alert updates
- Geofencing on select devices

Smart Watches
(Apple Watch, Samsung Gear, LG Watch, Moto 360, Pebble, WatchMinder)
- Prompting, email/calendar reminders, health tracking, routing
- Connects to apps or websites

SMARTPHONES AND APPS

Smartphones and useful apps are readily available and can have a tremendous impact on how persons with intellectual and cognitive impairments manage the world around them.

- Personal assistants (Google Assistant, Siri, S-Voice)
- Communication apps (Gmail, iMail, Outlook, Airmail)
- Augmentative communication apps (Verbally Premium, Proloquo4Text, Proloquo2Go, TouchChat HD, Sonoflex, GoTalk Now)
- Notetaking apps (Built-in Notes, NoteAbility, AudioNote, Evernote/Scannable, OneNote/Office Lens)
- Setting alarms/reminder apps (Built-in Reminders, Aida Reminders, ToDoist, Reminders w/ Voice, Any.Do)
- Scheduling apps (Google Calendar, iCal, Fantastical, Calendar 5, Outlook, Awesome Cal)
- Navigation apps (Apple Maps, Google Maps, Waze Maps, Glympse)
- Reading apps (Seeing AI, Claro PDF, VoiceDream Reader, Audible, ClaroScanPen)