

The Trademark *smartspace*®:

A *smartspace*® is a synonym for business, working, home or, pleasure environments equipped with **Smart Technology yielding Ambient Intelligence**. Smart technologies consist of tiny devices being capable of computing, sensing or actualizing biological, physical or chemical properties or behaviour of a living creature, an object or a device. The smart technology is operating autonomously and are often networking in an ad-hoc manner.

Ambient Intelligence surrounds the [humans in the centre](#) of a *smartspace*®.

Ambient Intelligence deals with the comfort humans like to enjoy in any context such as privacy at home; mobility by cars, trains, or planes; multi media consumption at entertainment; business or work; governmental administrations; [health care applications](#); wellness, commerce, selling or offering goods, [roaming tourists](#) etc.

Whatever humans do they like to communicate with local or distant services in a smart way - i.e. without explicit recognition of Man-Machine Interfaces.

In a *smartspace*® humans are supported to communicate in three basic ways (compare with figures 'health care applications' and 'roaming tourists'):

1. along with their *business*, i.e. making decisions (acting), retrieving information (sensing) etc. Humans behave, work in the *smartspace*®. In the figure this type of communication is called **H-E type**, because **H**umans interact with their **E**nvironment.
2. along with *information retrieving*, on a technological level, only data stringent to the business of acting person is of interest. It must thus be retrieved from his or her "business environment". This type of communication is called **E-A type** because it deals with measurements from the **E**nvironment transmitted to the acting human's **A**ssistant (eBuddy). eBuddy is a program and runs on a mobile device, such as IPAQ.
3. along with *decision-making preparation*, on a presentational level the measured raw data must in such a way be presented - using multimedia presentation technology - that enables the acting person to decide in a straightforward, goal-oriented, manner on their business. This type of communication is called **H-A type**, because **H**umans interact with his or her **A**ssistant in order to prepare decision-making. Notice, decisions are not taken by the assistant, but by the acting person only!