



2.5 France

Union Nationale des Associations de Parents et Amis de Personnes Handicapées
Mentales

15, rue Coysevox

75876 Paris (Cedex 18)

France



2.5.1 *General on Information and Communication Technologies for disabled people in France*

In France, people with disabilities are gradually integrating ICT to compensate physical, sensorial or cognitive impairment.

Some different applications in social area are taking place, such as education, autonomy, life at home, vocational training and inclusion.

Various kinds of system and technology can be used towards this aim: adapted interfaces, teleworking, distance learning ... an now internet.

According to the category of impairment, several users of ICT can be identified.

Mobility impairment

Domotic and systems of assistance for life at home, technologies for working and learning without moving.

Visual impairment

Using vocal synthesiser and adapted interfaces: magnifying screen and characters, Braille keyboard and printer. - One good example is the “brailletnet” system, for the access of blind people to internet.

Speech and language impairment

Use of vocal synthesiser and communication with symbols.

Dexterity impairment

Voicetyping, touchscreen, magnifying keyboards, trackball,, and various types of switches: with voice, breath, foot



Hearing impairment

Sign language French dictionary, some tools for a better communication, particularly in using phone.

Cognitive impairment

The concerned persons can use ICT to compensate mental handicap in education, communication, vocational training ... as detailed in the other document.

In all those fields, many tools and prototypes are developed in joint projects, between representatives of users and industrial partners or universities.

The main problem is the cost of the adaptation and the inadequacy of financial help for persons.

Another problem is the multiplication of the projects; consequently, most of these projects are only prototypes and are never commercialised.

The development of alternative and augmentative technologies must take into account as soon as possible a real participation of users, in tools conception.

A good method is the constitution of users groups and the participation of these groups in the management of the project, and not only in a final test of products.

The benefits of using ICT by disabled people must be identified as well as the negative consequences, and examined for instance, loneliness in teleworking and distance learning.

2.5.2 *Assessment of adapted software and user involvement in R&D*

A catalogue of adapted software for people with mental handicaps is edited by Unapei every two years. The users are taking part in the realisation of this document by experimenting and testing the software in institutes and/or in families, representing various age-groups and disabilities.



A working group named “Technical Committee of New Technologies for Mental Handicap” has been constituted for this purpose, involving users and the software societies concerned.

Another working group: “National User Club” raises 150 families and institutes, and constitutes the second step of involvement by regular meetings and networking on ICT R&D.

Unapei, as an user organisation, also take part in various R&D projects, at national and on European level, including:

- making adapted interfaces for access to internet, based on communication with symbols.
- creating a multimedia database, for using symbols in communication.

2.5.3 *List of the main relevant contacts of users organisations and*

Industrials companies

LOGICOM

25, ave. De la Vertonne

44120 Vertou

Phone 02 51 79 00 85

Institut FIRST

8, Square du Poy du Roy

60200 Compiègne

Phone 03 44 86 86 04

APF/ RNT

BP 119

59652 Villeneuve D’Ascq

Phone 03 20 67 74 03



Suppleance

Immeuble International
78181 St. Quentin en Yvelines
Phone 01 39 44 99 00

Sedrap

BP 19
31100 Toulouse Cedex
Phone 05 61 43 62 43

JPR International

70, rue Yves Le Coz
7800 Versailles
Phone 01 39 50 58 38

Stefinel

Les Elorn
29800 La Roche Maurice
Phone 02 98 20 42 60

MN Diffusion

Le Forum – BP 616
64106 Bayonne
Phone 05 59 58 05 40

Delta 7

24, rue Marc Seguin
75018 Paris
Phone 01 46 07 42 22

Vocalisis

7, rue Boche
78000 Versailles
Phone 01 39 53 00 63



Pedagogie et Informatique

Division Technologies Multimédia

71, Bld des Provinces

69110 Ste Foy les Lyon

Phone 04 78 36 51 08

Centre Kerpâpe Rééducation et Réadaptation fonctionnelles

BP 78

56270 Ploemeur

Phone 02 97 87 40 40

Centre National D'Etudes et de Formation de l'Enfance madaptée

56/58 ave de Landes

92150 Suresnes

Phone 01 41 44 31 00

Centre de Réadaptation Professionnelle et Fonctionnelle de Nanteau sur Lunain

B.P. 34

77792 Nemours

Phone 01 64 45 15 15

Handicap International – ICOM

17 Blvd Chambaud de la Bruyère

69007 Lyon

Phone 04 72 76 88 44

**IBM France – Centre d'Information et de Solutions pour Personnes
Handicapées**

Service 2485

Tour Septentrion

92066 Paris La Defense

Phone 01 49 05 70 00



Comité National Français de Liaison pour la Réadaptation des Handicapés

236 bis rue de Tolbiac

75013 Paris

Phone 01 53 80 66 66

France TELECOM

Mission Télécommunications et Handicap

6 place d'Alleray

75505 Paris

Phone 01 44 44 08 64

Geris Thomson

Projet Cap Handi

11 ave Myron Herrick

75008 Paris

Phone 01 44 13 69 00

Apple France – Mission Handicap

12 ave de l'Océanic

91956 Les Ums Cedex

Phone 01 69 86 37 94