



MATRIX AAC

COMMUNICATION SOFTWARE





***Each person, regardless
of the degree of
disability, has the right
to influence, through
communication, the
conditions of its own life.***

**National Joint Committee for the Communication Needs of Persons with Severe Disabilities, 1992.*

Presentation and intended use

Matrix AAC is an innovative, intuitive, simple and functional software for Augmentative and Alternative Communication (AAC). It is a true development environment, and it has been developed to give the opportunity to communicate to people with complex communication needs, speech and writing disorders, particularly those with neurodegenerative diseases that, temporarily or permanently, limit expressive language and/or mobility such as ALS, SMA and tetraplegia.

It is also addressed to people with difficulties in verbal language, such as those with autism spectrum disorder (ASD).

Matrix AAC allows to create structures, tables, communication books for Augmentative and Alternative Communication (AAC) and, in addition to facilitated communication, permits the integration of functions related to environmental control at home and PC management in Microsoft Windows environment.



Accessibility

In Matrix AAC, interactive facilities can be used through different accessibility methods, such as sensors, touch, mouse, or eye-tracker, depending on the pathology.

The input settings let the user decide the most appropriate accessibility settings: sequential or block selection, row and column scanning selection, manual or automatic scanning.



Home automation

Thanks to the use of a devices with infrared ports, radiofrequency, Wi- Fi or Bluetooth and thank to the interaction with virtual assistant such as Google Home or Alexa, Matrix AAC allows the user to control devices in the surrounding environment or within the home.

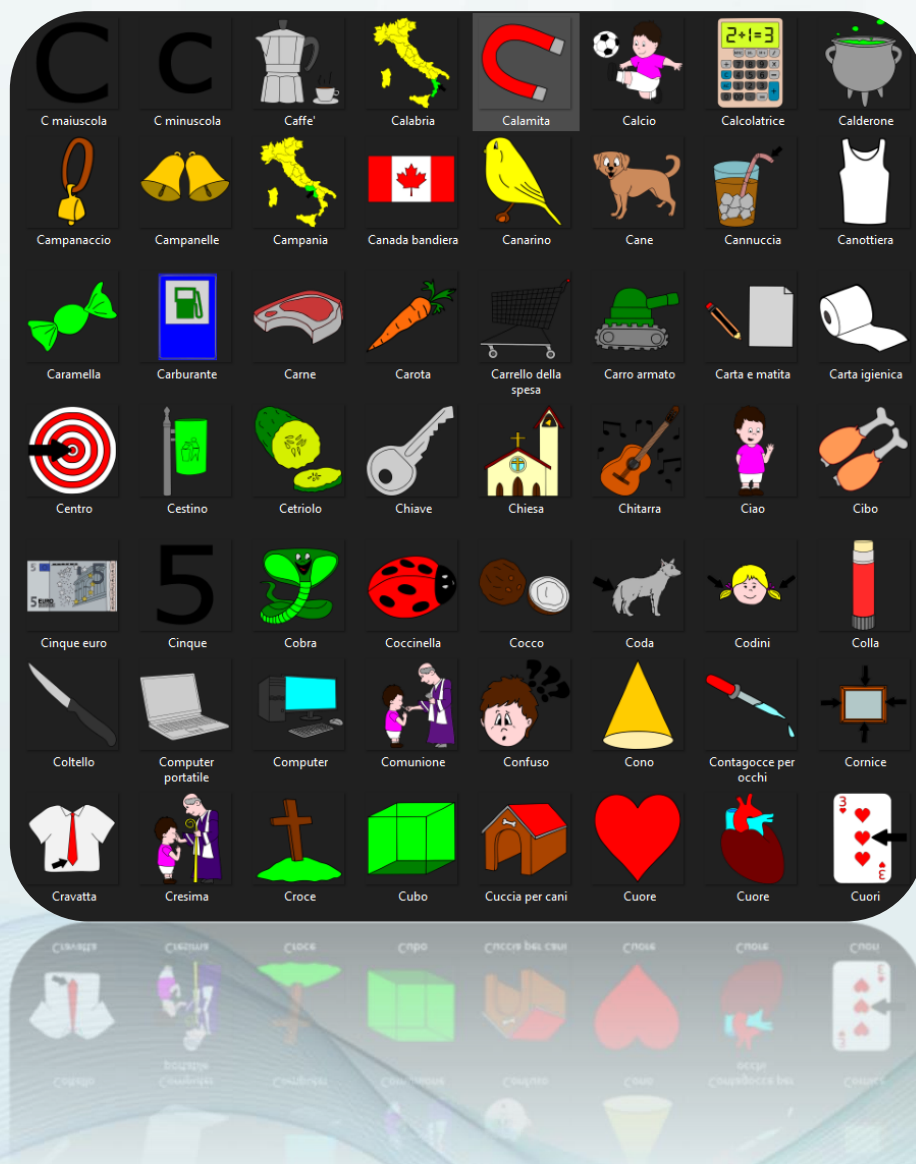


Images

Matrix AAC has been designed to be used with any image libraries or pictograms of different format (png, jpg, bmp, pcs, gif).

Once the software is installed, the PACS image library (created by our team) will be installed and the user can also download, in automated manner and for free, the Arasaac pictograms (Government of Aragon - Spain) upon acceptance of the licence of use.

In addition to these images, it is possible to download images from the web, choose an image from the local memory or take a photo with the camera of the device.

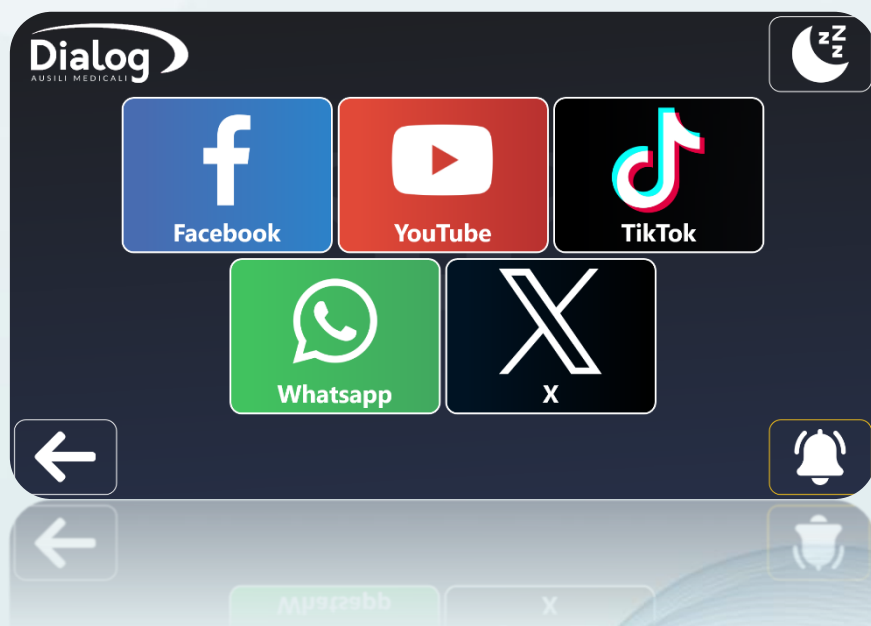


Features

Matrix AAC allows the user to write documents (with or without images) and read files in PDF and Microsoft Word format, perform mathematical calculations, listen to music, view images, watch videos and thanks to interaction with social networks, the user can access some platforms for streaming content platforms or TV programming.

Matrix AAC is equipped with both male and female speech synthesis, at the user's choice. This software offers easy access to the Internet, email and various social networks. In addition, it allows the use of services such as WhatsApp and integrates with the smartphone via Bluetooth connection.

The advanced control offers the possibility to use the progressive lens configurable from the settings. This means that you can open any other external application, such as the system browser, ensuring maximum precision in clicks, or software for remote assistance.



Customization

The administrator side of the software allows to create or import users and/or structures.

These last, consisting of one or more grids, can be highly customized, quickly, easily and intuitively.

Cells can be customized in many ways: the user can change the shapes, styles as well as edit the contents, images and commands.

In addition, an absolute novelty, the cells folder allows to create complex structures with countless combinations via a single grid, saving time in editing and disk space.

Creating and editing images can be done through a convenient integrated image editor.

The user can also quickly adjust the text to change its position, size, color, font, and orientation.



Technical specifications

Matrix AAC can be used on device with Windows operating system.

Operating system:	Microsoft Windows® 10, version 10.0.18362.0 a 64 bit, or higher
Processor:	10th-generation Intel Core i5
RAM:	8 GB
Hard Disk:	5 GB
Internet connection:	Yes





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