

## **Transcript**

**Video: Blind person**

**Series: Support products and Information and Communication Technologies**

**Universidad Nacional de Educación a Distancia (UNED).**

### **DESCRIPTION:**

We see the user in the foreground.

### **VICTOR:**

I am blind since 2000 and a member of ONCE (The Spanish National Organisation for the Blind). I am currently studying for a Business degree at UNED. As the UNED offers distance learning, the virtual campus is widely used, Internet is used a lot and computers.

I can do things just as anyone else; I only need the means, in this case, a screen reader.

A Screen reader has a program that reads what's on the screen, when it comes across anything it tells you through your sound card.

### **DESCRIPTION:**

The computer screen shows the dialog box for the **setup** of JAWS.

### **SCREEN READER - SR:**

Welcome to the installation of JAWS, press ENTER to start the installation or ESCAPE to cancel.

The setup with voice response may take a few minutes to start. During this time you will hear acoustic signals while the files needed for the spoken installation are copied.

### **VÍCTOR:**

JAWS allows you to configure the options to suit your needs: The profile of each particular user, in terms of speed, pitch, etc.

### **DESCRIPTION:**

The computer screen appears again installing JAWS.

### **SR:**

59. Horizontal Slider speed, 17%. To increase or decrease the value, use the arrows.

### **DESCRIPTION:**

Victor is using the computer keyboard.

### **VÍCTOR:**

Then I'll teach you to navigate a Word document which is what I usually use.

You can search a document in two ways. One is access the desktop with the arrows and when you find also give the ENTER or, another option is to press the document initial and it will take you there.

### **DESCRIPTION:**

While the different programs and documents appear on the computer screen, you hear the screen reader and you can see Victor using the keyboard.

**SR:**

Interfaces for the digital home, underline, test.

**VÍCTOR:**

This is it.

**SR:**

Enter.

**VÍCTOR:**

It is also a test.

**SR:**

Interfaces for the digital home. -Microsoft Word test. Print Layout view. Edit box.

**VÍCTOR:**

It has already been opened and we will see what it contains.

**SR:**

Blank. Blank, blank, blank. Course, colon, digital home and human factors full stop. The digital home to support independent living.

**DESCRIPTION:**

Close up of the computer screen with the dialog box with header list.

**VÍCTOR:**

Normally in long documents it is advisable to browse the structure to choose specifically what you want.

**SR:**

The user interface, colon, one. UI definition. Elements of a user interface, colon, two. Historical evolution of user interfaces, colon, two. Product support, open parenthesis, technical aids, closed parenthesis, and ICT, colon, two.

**VÍCTOR:**

I'm interested in support products. Then as I'm where my interest is, I press ENTER.

**DESCRIPTION:**

The screen shows the content of the document Victor is consulting.

**SR:**

Enter, design view, edit box. **The Act on... Two point four**, support products, open parentheses or technical aids, closed parentheses, and ICT.

**DESCRIPTION:**

Victor is interacting with the keyboard.

**VÍCTOR:**

You can also go forward through the page.

**SR:**

Page Up.

**VÍCTOR:**

Or backward on the page

**SR:**

PageDown. Page number, colon, edit box. eight ...

**VÍCTOR:**

So now I would be in the document. I have verified that I'm on the correct page, that is page 8 with the Insert + 3 keys.

**SR:**

Figure ... Figure ..., field, 6. Wizard, quotes, smart, quotes Microsoft Word.

**VÍCTOR:**

So, here it tells me that on this page there is a figure

**DESCRIPTION:**

There is a close-up of the figure in the document that appears on the computer screen.

**SR:**

Graphic: visual assistant, with a clip shape, coma. Asks the user if he wants to write a letter, comma after the user has typed quotes "Dear Joe" quotes.

**VÍCTOR:**

So it is very important that all photos or images are labeled because if they are not, I can not access them or know what's in those photographs. We have been viewing a Word file. A file is well generated and has good accessibility tools. Then we will watch the same document which has been made otherwise. It has been generated as PDF. The teacher has scanned it. Let's see how accessible it is. It is open and we will do the same tasks I have done previously, navigate the structure of the text, see a paragraph, read the entire document and go to a specific page.

**SR:**

Zero links. It has no links. No headers found.

**VÍCTOR:**

No headers found.

**SR:**

Interfaces for the digital home. User interfaces ...

**VÍCTOR:**

It has no text.

**SR:**

User Interfaces for the digital home image underlined...

**VÍCTOR:**

It tells me the same thing... I understand that it is completely inaccessible.

**VÍCTOR:**

In the Business Studies Degree there is a subject called economic history, the teacher has told me to write an essay on Christopher Columbus and I'll do it using Google...

**VÍCTOR:**

as you enter the Google page it takes you to the edit box. Once there you can already enter the Search term. In our case it would be: Christopher Columbus.

**DESCRIPTION:**

The user controls the software by using the keyboard.

**VÍCTOR:**

We activate it..

**SR:**

... Search box.

**VÍCTOR:**

We introduce search terms. In this case, Christopher Columbus.

**SR:**

The page has 15 headers and 84 links.

**VÍCTOR:**

It tells me it has 15 headers and 82 links. In browsers you can search or see results through two methods: Both, listing the links or through headers. In this case we will list the links to find what we want, that is, Christopher Columbus.

**SR:**

List of links in the dialogue....

**VÍCTOR:**

As Christopher Columbus starts with a "c", we type out the "c" to go faster.

**SR:**

C ... change location ... c, Christopher Columbus hyphen, Wikipedia, coma, the free encyclopedia.

**VÍCTOR:**

Here is a link that could be interesting, in addition to Wikipedia, which I think is a good way to access this information.

**DESCRIPTION:**

A close-up of a braille line is shown.

**NARRATOR:**

Some blind people use a screen reader combined with a braille display.

**DESCRIPTION:**

Victor typing.

**SR:**

Table one a regular table, blank.

**DESCRIPTION:**

Close-up of a mobile phone. The mobile phone rings.

**MOBILE SPEAK - MS:**

Alejandro

**VÍCTOR:**

Well, it is Alejandro. I also have a screen reader in my cell phone. This is called screen reader Mobile Speak. And we will see how to navigate through the various options.

**DESCRIPTION:**

Close-up of a hand using a mobile phone.

**MS:**

Settings, three of seventeen...

**DESCRIPTION:**

Close-up of Victor.

**VÍCTOR:**

We must also encourage programmers, to design things so they are accessible, so that screen readers can access the information.