Clare: If you **look at** the diagram, you can see that it represents a wide area network, or WAN, connecting two networks via **satellite**. The two networks are probably two offices of the same company.

Chris: The **wired**network on the right – the one in Barcelona – is **made up** of a number of PCs connected by **cables.** You'll be able to see the **central computer** there, which acts as a file server, allowing **file sharing** between the other PCs on the network. In order to access files on the server, you would probably need to **type in** a username and password.

Clare: That's right, Chris. In contrast, the Los Angeles network **consists of** a wireless router, which links all of the hardware devices without the need for cables. Workers using PDAs or laptops, like those shown in the diagram, would be able to **log on** to the network if they had wireless capabilities. Interestingly, while in Barcelona the **modem** is linked to the dish aerial with a **fibre optic** , in Los Angeles they're using regular **telephone lines**. This may mean slower speeds for the Los Angeles office.

Chris: It looks like this network was **set up** to allow the two offices to **look for** and share information and resources on each other's systems, and it's a sensible network solution for a company with offices in several different locations.