

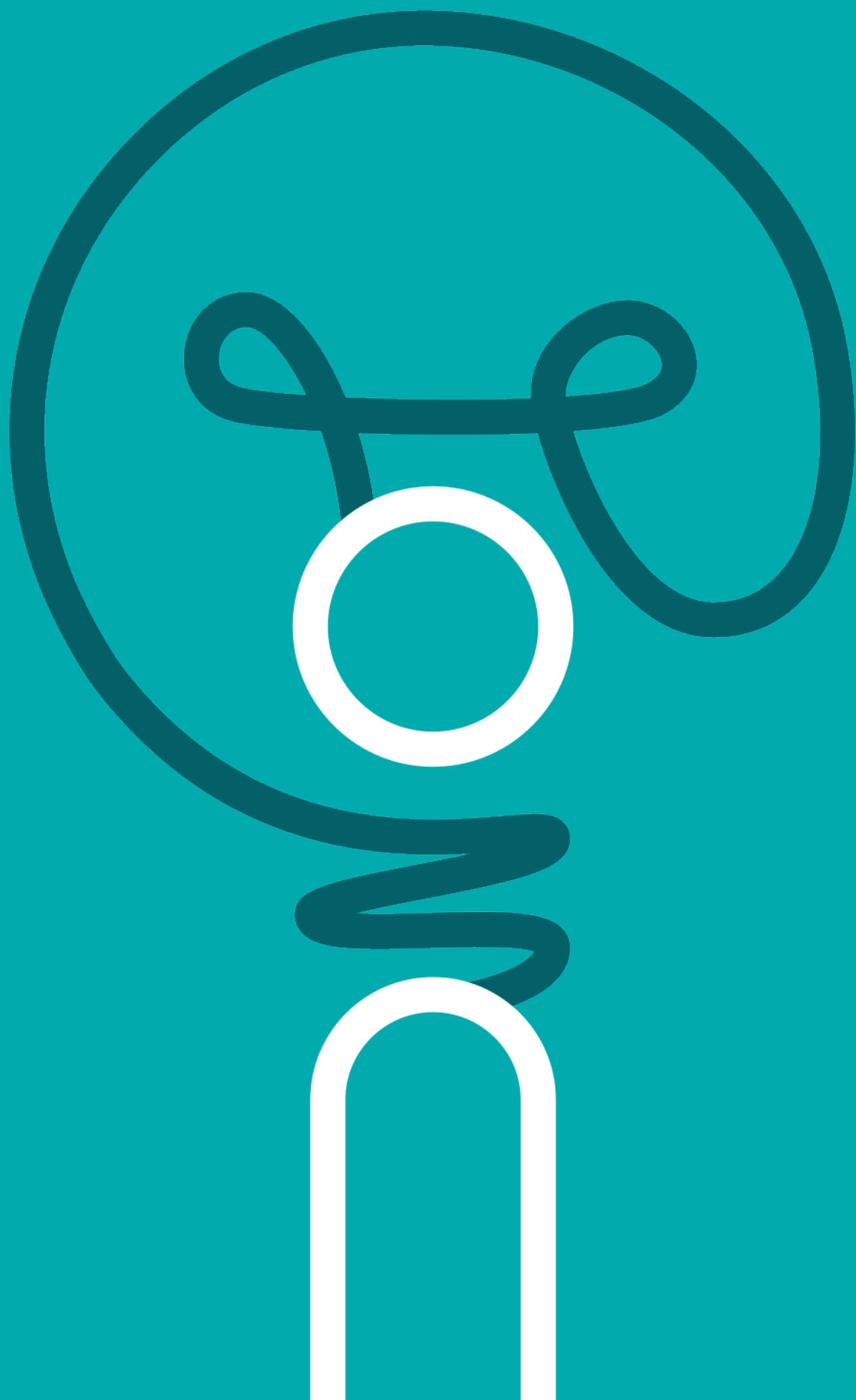


# COMPLETE

by cegecom



Combine Internet access  
and phone network



With **COMPLETE**, you have the benefit of both Internet access and basic phone service. The different asymmetrical bandwidths available - from 20 to 200 Mbps download speed and 1 to 100 Mbps upload speed - enable you to download your files in a few seconds, to surf the Internet searching for information relevant to your activity or even to connect your message service webmail. cegecom.lu (5 free email addresses on request). For some specific applications, a fixed IP address is included.

The phone service offers you the opportunity to connect your phones to analogue or ISDN (Complete DSL) ports, to phone ports of our cegecom HomeServer broadband network or under the form of a SIP-TRUNK port for the VoIP thanks to an electrical Ethernet interface (Complete Fibre).

As an option, if you choose **Complete Fibre** products, you can have up to three communication channels over all available ports of the HomeServer or use the SIP-TRUNK port for 8, 30 or 60 communication channels.

**COMPLETE** is the simplest way to connect your business to the Internet and phone network.

## Technical features

### Bandwidth

The **COMPLETE** connection provides an asymmetrical bandwidth. The variants and maximum asymmetrical bandwidths available can be found in the following table:

Product variant	Download speed (kbps)			Upload speed (kbps)		
	Max.	Min.	Normal	Max.	Min.	Normal
<b>Complete</b> DSL small	5 000	768	4 500	512	128	460
<b>Complete</b> DSL medium	10 000	5 000	9 000	640	128	576
<b>Complete</b> DSL large	20 000	1 000	18 000	768	128	691
<b>Complete Fibre</b> small	30 000	7 000	27 000	10 000	1 000	9 000
<b>Complete Fibre</b> medium	100 000	30 000	9 000	50 000	2 000	45 000
<b>Complete Fibre</b> large	200 000	100 000	18 000	100 000	50 000	90 000

The normal value represents the total average bandwidth available to 80% of the clients.

### Phone Services

Depending on the access infrastructure (DSL or Fibre), cegecom provides its clients with one of the following services:

<b>Complete</b> DSL	An analogue phone connection with one phone number <b>or</b> A point or multipoint ISDN connection with one or more phone numbers (MSN)
<b>Complete Fibre</b>	2 communication channels with one phone number configured on HomeServer ports <b>or</b> 8, 30 or 60 communication channels in the form of a SIP-TRUNK port for direct connection to a DID compatible IP-PBX







