CLAIMS

1. A system for providing, wherever the system is deployed, access to the Internet by public users who have subscribed to the system, the system comprising;

a network of new routers deployed over a wide geographical territory, wherein each new router of the system has at least one Central Processing Unit (CPU) which has or is associated with two separately accessible distinct areas with different access possibilities to the respective areas, namely :

a first area which is a private area that allows access only to the new router's owner or possessor, said private area having an Internet Protocol (IP) address for the router's owner or possessor to access said private area and hence access the Internet;

a second area which is a public area that allows simultaneous access by more than one account each account being identified by an account identifier, said public area having an IP address which is reserved for said public users who have subscribed to the system and have an account identifier, for accessing the new router's public area and hence access to the Internet wherever the system is deployed; and

a public user account server wherein public users located in different territories can each, from his own territory, open a user account identified by an identifier; and

wherein the system is so arranged that any public user with a pre-registered user account identified by an account identifier, can access the Internet from any new router in the network from any location where new routers of the system are deployed by connecting to the public area of a new router's CPU and entering the account identifier of the pre-registered user account.

2. The system according to claim 1, wherein the new router comprises two CPU’s, one with a private area and the other with a public area.

3. The system according to claim 1, wherein the new router’s CPU or CPUs comprise(s) a plurality of public and private areas.

4. The system according to claim 1, wherein at least the public area of the new router’s CPU is provided by means of a USB dongle connected to a USB connector of an existing router or built-in the CPU of a new router, where the existing router or new router provides a private area.

5. The system according to claim 1, wherein servers and/or sub-servers of the system are arranged to provide each public user with a user account with software that is arranged to search for new routers which are available in any territory and provide a list of available new routers for selection by the user.

6. The system according to claim 1, wherein each public user account has its own bandwidth.

7. The system according to claim 6, wherein the bandwidth of a public user account or part of said bandwidth can be shared or shifted by the new routers in the public area.

8. The system according to claim 1, comprising application software that is installable on mobile devices, laptops, computers, handheld devices, smart mobile phones, or any other device.

9. The system according to claim 1, wherein servers and/or sub-servers of the system are arranged to allow public users to login and register on the system and provide the public users with said account identifiers.

10. A new router of a system according to claim 1 for providing, wherever the new router is deployed in the system, access to the Internet by public users who have subscribed to the system, wherein the new router has at least one Central Processing Unit (CPU) which has or is associated with two separately accessible areas with different access possibilities to the respective areas, namely:

a first area which is a private area that allows access only to the new router's owner or possessor, said private area having an Internet Protocol (IP) address for the router's owner or possessor to access said private area and hence access the Internet; and

a second area which is a public area that allows simultaneous access by more than one account each account being identified by an account identifier, said public area having an IP address which is reserved for public users who have subscribed to the system and have a said account identifier, for accessing the new router's public area wherever the system is deployed and hence access to the Internet,

wherein the new router is so arranged that any public user with a pre-registered user account identified by an account identifier, can access the Internet from the new router from any location where the new router is deployed by connecting to the public area of the new router's CPU and entering the account identifier of the pre-registered user account.

11. The new router according to claim 10, which comprises two CPU's, one with a private area and the other with a public area.