

ABSTRACT

In a distributed computer system, an automated configuration system and method for configuring home network client computers, including determining
5 local service provider information, the configuration performed without any user assistance. The distributed computer network comprising of unconfigured network home client computers, and at least one autoconfiguration server. The network may also include sales servers and local service provider servers. The home network client computer determines
10 on power on time if it possesses the requisite configuration information. If the requisite configuration information is lacking, the home network client computer sends a configuration request along with client computer identifying information to the autoconfiguration server. On receiving the configuration request from a home network client computer, the autoconfiguration server
15 uses the client identifying information to determine the local service provider information and client computer specific data. The autoconfiguration server determines the local service provider information by looking up a directory of local service providers, the directory being stored on the autoconfiguration server or on some local service provider server. The autoconfiguration
20 server determines the client computer specific data by accessing a database containing client computer information for each home network client computer, the database being stored either on the autoconfiguration server itself or on some sales server. The client computer specific data is stored in the database at time of sale/purchase/shipment of the home network
25 computer to the user. The local service provider information and the client computer specific data is then downloaded to the requesting home network client computer. The home network client computer uses the configuration information downloaded by the autoconfiguration server to configure itself and establish connection to the local service provider.

