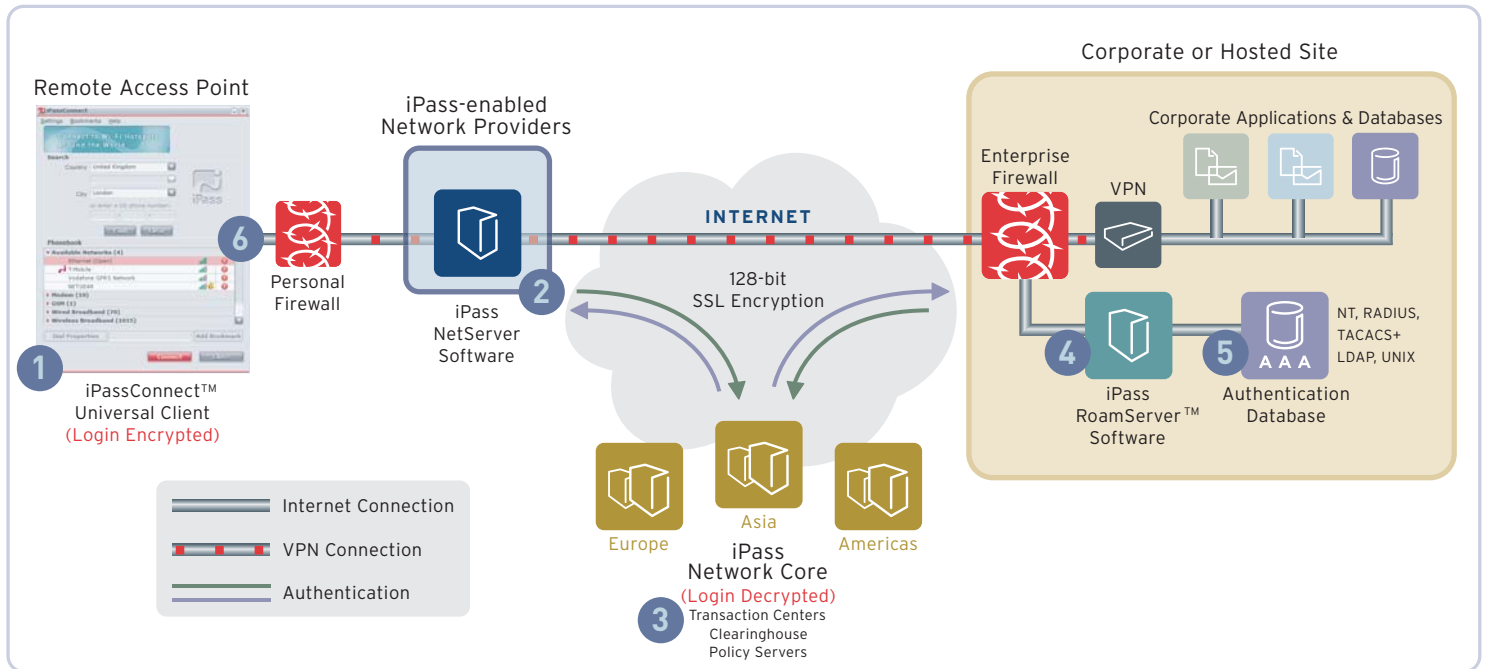


iPass Network Diagram - Annotated



- 1) The iPassConnect service interface is installed on a remote user's computer or other electronic device allows the user to connect to our virtual network. The user indicates the city in which he or she is located, and then selects a local network access point or iPassConnect selects one automatically.
- 2) The iPass NetServer software, installed in a network service provider's network, provides the interface between the network service provider and the iPass network. The NetServer recognizes that the end user belongs to the iPass network and securely transmits the username and password to the nearest iPass transaction center.
- 3) The Transaction Centre to which the authentication request is routed securely routes the user name and password to the iPass RoamServer software residing on the customer's servers. The ten Transaction Centers are located in California, New York, Atlanta, Sao Paulo, Brazil, Amsterdam, London, Frankfurt, Hong Kong, Sydney, and Tokyo.
- 4) The RoamServer receives the request from the Transaction Centre and passes it to the enterprise authentication database. Enterprises can manage their own user lists and authentication databases and control their users' access to their internal network through the authentication system of their choice.
- 5) The enterprise authentication database then grants or denies authorization. The iPass RoamServer securely sends a yes/no response back to the network service provider via a transaction center.
- 6) Once iPass authorizes the network service provider to allow access to the Internet, the iPassConnect service interface can automatically launch the user's VPN to securely connect to the enterprise network.