

COMBINATION MODES FOR NETWORK CONNECTION MANAGEMENT

ABSTRACT

A network connection establishment protocol is made more secure by directly associating a non-discoverable mode with a non-pairable mode in a combined non-discoverable/non-pairable mode. Advantageously, rather than allowing incoming pairing requests even when a device is non-discoverable, the device in the closed mode rejects all pairing requests. Responsive to specific initiation, the device may enter a combined discoverable/pairable mode. The device may be preconfigured to revert from the combined discoverable/pairable mode to the combined non-discoverable/non-pairable mode after a given duration of time or after a predetermined number of pairings.

Figure 1