What is claimed is:

1. A method of telecommunicating, comprising:
establishing a primary communications link to a first gateway in a first communications network;
determining that a backup communications link is to be established;
determining first and second candidate network nodes, wherein the first candidate network node is in the first communications network, wherein the second candidate network node is in a second communications network having a second gateway, and wherein the second communications network is different from the first communications network;
based on selection criteria, selecting the second candidate node over the first candidate node as a result of the second candidate node being in a network different from the first network;
establishing the backup communications link with the second candidate network node; and
communicating using the backup communications link.

2. The method of claim 1, wherein the selection criteria comprise mathematically weighted factors.

3. The method of claim 1, wherein determining that the backup communications link is to be established is performed automatically.

4. The method of claim 1, wherein determining that the backup communications link is to be established is performed in response to an instruction from a user.

5. The method of claim 1, wherein determining that the backup communications link is to be established is performed as part of a process of joining a network.

6. The method of claim 1, wherein determining that the backup communications link is to be established is performed as part of a process of establishing a primary communications link.

7. The method of claim 1, wherein determining that the backup communications link is to be established is performed in response to a change within a network.

8. The method of claim 1, wherein determining the candidate nodes comprises determining one or more neighboring nodes with which the backup communications link may be established.

9. The method of claim 1, wherein prior to selection of the second candidate node, costs associated with each candidate node are randomly or pseudo-randomly assigned, and the second candidate node is selected based at least in part on the costs of the candidate nodes.

10. The method of claim 1, wherein the second candidate node is selected based at least in part on a random or pseudo-random factor.

11. A telecommunications device, comprising:
an interface configured to communicatively couple with other telecommunications devices;
a memory, configured to store instructions; and
a processor, configured to execute the stored instructions so as to cause the telecommunications device to perform a method, comprising:
establishing a primary communications link to a first gateway in a first communications network;
determining that a backup communications link is to be established;
determining first and second candidate network nodes, wherein the first candidate network node is in the first communications network, wherein the second candidate network node is in a second communications network having a second gateway, and wherein the second communications network is different from the first communications network;
selecting the second candidate node over the first candidate node as a result of the second candidate node being in a network different from the first network;
establishing the backup communications link with the second candidate network node; and
communicating using the backup communications link.

12. The telecommunications device of claim 11, wherein the selection criteria comprise mathematically weighted factors.

13. The telecommunications device of claim 11, wherein determining that the backup communications link is to be established is performed automatically.

14. The telecommunications device of claim 11, wherein determining that the backup communications link is to be established is performed in response to an instruction from a user.

15. The telecommunications device of claim 11, wherein determining that the backup communications link is to be established is performed as part of a process of joining a network.

16. The telecommunications device of claim 11, wherein determining that the backup communications link is to be established is performed as part of a process of establishing a primary communications link.

17. The telecommunications device of claim 11, wherein determining that the backup communications link is to be established is performed in response to a change within a network.

18. The telecommunications device of claim 11, wherein determining the candidate nodes comprises determining one or more neighboring nodes with which the backup communications link may be established.

19. The telecommunications device of claim 11, wherein prior to selection of the second candidate node, costs associated with each candidate node are randomly or pseudo-randomly assigned, and the second candidate node is selected based at least in part on the costs of the candidate nodes.

20. The telecommunications device of claim 11, wherein the second candidate node is selected based at least in part on a random or pseudo-random factor.