1. Initialize a list of available networks: The algorithm starts by obtaining a list of all available networks within the device's range.
2. Evaluate network parameters: For each network, the algorithm evaluates various parameters such as signal strength, network type (e.g. 4G, 5G), network load, and network quality.
3. Assign weights to network parameters: Based on the importance of each network parameter, the algorithm assigns weights to each parameter. For example, signal strength may be given a higher weight than network type.
4. Calculate a composite score: For each network, the algorithm calculates a composite score by multiplying the value of each parameter by its corresponding weight and summing up the results.
5. Select the network with the highest composite score: The algorithm selects the network with the highest composite score as the best network to connect to.
6. Monitor network performance: The algorithm continuously monitors the performance of the selected network to ensure that it continues to meet the desired quality of service requirements.

This algorithm takes into account multiple factors that are important for network selection and makes a decision based on a composite score that balances these factors. The algorithm can be adjusted based on the specific needs and requirements of the device and network environment.