We claim:

1. A system comprising:

a beam modem including a short range transceiver and a cellular transceiver; and

a beam server communicatively coupled to the beam modem via the cellular transceiver;

wherein the short range transceiver is programmed to receive an encrypted web request consisting of an endpoint address and request data from a client device via the short range transceiver, decrypt the encrypted web request, add transfer protocol headers to the web request to create a modified web request, and send the modified web request to the cellular transceiver;

wherein the cellular transceiver is programmed to receive the modified web request from the short range transceiver and transmit the modified web request to the beam server;

wherein the beam server is programmed to receive the modified web request, determine an external web service based at least in part on the endpoint address, transmit the request data to the external web service, receive response data from the external web service in response to the request data, reduce the size of the response data, and transmit the reduced response data to the cellular transceiver;

wherein the cellular transceiver is further programmed to receive the reduced response data and send it to the short range transceiver;

wherein the short range transceiver is further programmed to decompress the reduced response data to produce decompressed response data, encrypt the decompressed response data and transmit the decompressed response data to the client device; and

wherein the beam modem is not programmed to implement a web browser.

2. The system of claim 1 wherein the response data includes a plurality of results responsive to the request data and the beam server is programmed to remove unnecessary data from the response data by removing a portion of the plurality of results.

3. The system of claim 1 wherein the response data includes a plurality of fields and the beam server is programmed to remove unnecessary data from the response data by removing a portion of the plurality of fields.

4. The system of claim 3 wherein each of the plurality of fields has a data size and the beam server is programmed to determine the portion of the plurality of fields to remove based at least in part on the field data size.

5. The system of claim 1 wherein the response data includes a plurality of updates responsive to the request data sent at an update rate and the beam server is programmed to remove unnecessary data from the response data by transmitting the reduced response data to the cellular transceiver at a rate lower than the update rate.

6. The system of claim 1 wherein the response data includes a plurality of headers and the beam server is programmed to remove unnecessary data from the response data by removing a portion of the plurality of headers.

7. The system of claim 1 wherein the beam server is programmed to reduce the size of the response data by removing white space characters, new line characters, comments or block delimiters.

8. The system of claim 1 wherein the beam server is programmed to reduce the size of the response data using a key map of the response data and the short range transceiver is programmed to decompress the reduced response data using the key map.

9. The system of claim 1 wherein the beam server is programmed to reduce the size of the response data by zipping the response data and the short range transceiver is programmed to decompress the reduced response data by unzipping the response data.

10. The system of claim 1 wherein the beam server is programmed to receive client information from the client device when the client device has an Internet connection and the beam server is programmed to use the client information to respond to a request for information from the external web service in response to the request data transmitted to the external web service.

11. The system of claim 1 wherein the beam server is programmed to transfer data supplemental to the request data to the client device when the client device has an Internet connection to augment the decompressed response data from the short range transceiver.

12. The system of claim 11 wherein the supplemental data are map data and the decompressed response data are location data.

13. A computer implemented method comprising:

receiving, by a short range transceiver of a beam modem, an encrypted web request consisting of an endpoint address;

requesting, by the short range transceiver, data from a client device;

decrypting, by the short range transceiver, the encrypted web request;

adding, by the short range transceiver, transfer protocol headers to the web request to create a modified web request;

sending, by the short range transceiver, the modified web request to a cellular transceiver of the beam modem;

receiving, by the cellular transceiver, the modified web request from the short range transceiver;

transmitting, by the cellular transceiver, the modified web request to a beam server, wherein the beam server is programmed to receive the modified web request, determine an external web service based at !east in part on the endpoint address, transmit the request data to the external web service, receive response data from the external web service in response to the request data, reduce the size of the response data, and transmit the reduced response data to the cellular transceiver;

receiving, by the cellular transceiver, the reduced response data;

sending, by the cellular transceiver, the reduced response data to the short range transceiver;

decompressing, by the short range transceiver, the reduced response data to produce decompressed response data; encrypting, by the short range transceiver, the decompressed response data; and

transmitting, by the short range transceiver, the decompressed response data to the client device, wherein the beam modem is not programmed to implement a web browser.

14. The method of claim 13 wherein the response data includes a plurality of results responsive to the request data and the method comprises removing unnecessary data from the response data by removing a portion of the plurality of results.

15. The method of claim 13 wherein the response data includes a plurality of fields and the method comprises removing unnecessary data from the response data by removing a portion of the plurality of fields.

16. The method of claim 15 wherein each of the plurality of fields has a data size and the method includes determining the portion of the plurality of fields to remove based at least in part on the field data size.

17. The method of claim 13 wherein the response data includes a plurality of updates responsive to the request data sent at an update rate and the beam server is programmed to remove unnecessary data from the response data by transmitting the reduced response data to the cellular transceiver at a rate lower than the update rate.

18. The method of claim 13 wherein the response data includes a plurality of headers and wherein the reduced response data is reduced based on a removal of unnecessary data from the response data by removing a portion of the plurality of headers.

19. The method of claim 13 wherein the reduced response data is reduced based on a removal of white space characters, new line characters, comments or block delimiters.

20. The method of claim 13 comprising receiving client information from the client device when the client device has an Internet connection and transmitting the client information to respond to a request for information from the external web service in response to the request data transmitted to the external web service.