CLAIMS

What is claimed is:

1. A computer device configured to receive information relating to an emergency and dispatch an emergency response including emergency responders, the computer device comprising:
   a processor;
   a network interface in electrical communication with the processor and a network; and
   a memory in electrical communication with the processor, and having stored thereon:
   a sensor data engine configured to receive different types of external sensor data provided at the network interface from a plurality of external devices via the network, the plurality of external devices capturing different types of external sensor data related to a prospective emergency, and
   a determinant code calculator configured to:
   receive the external sensor data from the sensor data engine, and
   generate a determinant code from one of a plurality of pre-established determinant codes based on the different types of external sensor data, wherein the determinant code is indicative of a type of emergency, a priority of an emergency response to be dispatched, or a combination thereof, and wherein the computer device is further configured to provide the determinant code to an emergency responder system to generate an emergency dispatch response including a response configuration comprising a vehicle, equipment, personnel, or combinations thereof, to be dispatched, the response configuration corresponding to a type value, a priority value, or a combination thereof associated with the determinant code.

2. The computer device of claim 1, wherein one of the plurality of external devices is a smartphone.

3. The computer device of claim 1, wherein the emergency dispatch response includes a user interface configured to enable a user to view the generated determinant code.

4. The computer device of claim 3, wherein the user interface includes an option to allow a user to override the generation of an emergency response.

5. The computer device of claim 1, wherein the external sensor data includes dynamic physiological data specific to a person involved in the emergency.

6. The computer device of claim 5, wherein the dynamic physiological data includes heart rate data.

7. The computer device of claim 5, wherein the dynamic physiological data includes body temperature data.

8. The computer device of claim 5, wherein the dynamic physiological data includes respiration data.

9. The computer device of claim 1, wherein the external sensor data includes video data.

10. The computer device of claim 1, wherein the external sensor data includes still image data.

11. The computer device of claim 1, wherein the external sensor data includes accelerometer data.

12. The computer device of claim 1, wherein the external sensor data includes GPS data.

13. The computer device of claim 1, wherein the external sensor data includes ambient temperature data.

14. The computer device of claim 1, wherein the external sensor data includes audio data.

15. The computer device of claim 1, wherein the computer device is further configured to generate instructions based on the external sensor data, the instructions to be provided to emergency responders.

16. The computer device of claim 1, wherein the sensor data engine is further configured to determine a chief complaint based only on the received external sensor data.

17. The computer device of claim 1, wherein the sensor data engine is further configured to determine the emergency based on the received external sensor data.

18. A method to generate an emergency response including emergency responders to an emergency based on external sensor data received from external devices, comprising:

a computer device of a dispatch center receiving different types of external sensor data from a plurality of external devices through a network interface in communication with a network;

the computer device generating a determinant code from one of a plurality of pre-established determinant codes based on the external sensor data, wherein the determinant code is indicative of a type of emergency, a priority of an emergency response to be dispatched, or a combination thereof; and

providing the determinant code to an emergency responder system to generate an emergency dispatch response including a response configuration comprising a vehicle, equipment, personnel, or combinations thereof, to be dispatched, wherein the response configuration corresponds to a type value, a priority value, or a combination thereof associated with the determinant code.

19. The method of claim 18, further comprising sending a request to one of the plurality of external devices to provide external sensor data to the computer device.

20. The method of claim 19, wherein the request is sent to the external device based on a location of the external device.

21. The method of claim 19, wherein the request is sent to the external device based on a type of external sensor data to be provided by the external device.

22. The method of claim 19, wherein the emergency is a medical emergency of a victim, and wherein the request is sent to the external device based on an association between the external device and the victim.

23. The method of claim 19, further comprising:
generating instructions based on the external sensor data; and
providing the instructions to the personnel of the emergency dispatch response.

24. The method of claim 18, wherein one of the plurality of external devices is a smartphone.

25. The method of claim 18, further comprising:
providing a user interface for the computer device; and
displaying the generated determinant code on the user interface.

26. The method of claim 25, wherein the user interface includes an option to allow a user to override the generation of an emergency response.

27. The method of claim 18, further comprising calculating a likelihood of the emergency based on the external sensor data.

28. The method of claim 18, further comprising calculating a chief complaint based on the external sensor data.

29. A non-transitory computer-readable storage medium, the computer-readable storage medium including instructions relating to an emergency and dispatch of an emergency response including emergency responders, the instructions when executed by a computer device, causing the computer device to:

receive different types of external sensor data from a plurality of external devices through a network interface in communication with a network;

generate a determinant code from one of a plurality of pre-established determinant codes based on the external sensor data, wherein the determinant code is indicative of a type of emergency, a priority of an emergency response to be dispatched, or a combination thereof; and

provide the determinant code to an emergency responder system to generate an emergency dispatch response including a response configuration comprising a vehicle, equipment, personnel, or combinations thereof, to be dispatched, wherein the response configuration corresponds to a type value, a priority value, or a combination thereof associated with the determinant code.

30. The non-transitory computer-readable storage medium of claim 29, wherein the instructions further cause the computer device to send a request to one of the plurality of external devices to provide external sensor data to the computer device.

31. The non-transitory computer-readable storage medium of claim 30, wherein the request is sent to the external device based on a location of the external device.

32. The non-transitory computer-readable storage medium of claim 30, wherein the request is sent to the external device based on a type of external sensor data to be provided by the external device.

33. The non-transitory computer-readable storage medium of claim 30, wherein the emergency is a medical emergency of a victim, and wherein the request is sent to the external device based on an association between the external device and the victim.

34. The non-transitory computer-readable storage medium of claim 29, wherein the instructions further cause the computer device to:

generate instructions based on the external sensor data; and

provide the instructions to the emergency responders.

35. The non-transitory computer-readable storage medium of claim 29, wherein one of the plurality of external devices is a smartphone.

36. The non-transitory computer-readable storage medium of claim 29, wherein the instructions further cause the computer device to:

provide a user interface for the computer device; and

display the generated determinant code on the user interface.

37. The non-transitory computer-readable storage medium of claim 36, wherein the user interface includes an option to allow a user to override the generation of an emergency response.

38. The non-transitory computer-readable storage medium of claim 29, wherein the instructions further cause the computer device to calculate a likelihood of the emergency based on the external sensor data.

39. The non-transitory computer-readable storage medium of claim 29, wherein the instructions further cause the computer device to calculate a chief complaint based on the external sensor data.