Objectives:
- Use FTK Imager to navigate a complete XP forensic image.
- Locate and extract "Next Bombing Targets" folder.
- Use ExifRead.exe extract Exif data embedded in each picture, including camera, time/date and GPS data.
- Use Google Maps to geo-locate location of where pictures were taken, based on internal GPS data.
- Determine where the next bombing targets are.

1. Open FTK Imager and use the "Add Evidence Item" option to add the suspect "Vader_Home_Computer.001".
2. Navigate to the folder C:\Documents and Settings\Owner\My Documents\Business\Next Bombing Targets.
3. Extract the "Next Bombing Targets" folder to your local computer.
4. Open ExifRead.exe

5. Use ExifReader to open *target1.jpg.*

   a. Examine the Exif data that is extracted from the target1.jpg and answer the following questions.

   b. What is the Make and Model of the camera that took the photo?

= _____

   c. What is the date and time that the picture was taken?

= _____

   d. What is the Degrees, Minutes & Seconds and Reference Points (N,S,W,E) of the picture?

= _____

   e. Go to http://transition.fcc.gov/mb/audio/bickel/DDDMMSS-decimal.html and calculate the decimal

      version of the Latitude and Longitude Points from which this picture was taken. What are they?

= _____

   f. Go to Google Maps and type in the latitude and longitude points.

      (Remember: W = Neg, E = Pos, N = Pos, S = Neg). Where, exactly is the first bombing target?

= _____

6. Use ExifReader to open *Target2.jpg.*

    a. Examine the Exif data that is extracted from the Target2.jpg and answer the following questions.

    b. What is the Make and Model of the camera that took the photo?

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    c. What is the date and time that the picture was taken?

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    d. What is the Degrees, Minutes & Seconds and Reference Points (N,S,W,E) of the picture?

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    e. Go to http://transition.fcc.gov/mb/audio/bickel/DDDMMSS-decimal.html and calculate the decimal

        version of the Latitude and Longitude Points from which this picture was taken. What are they?

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    f. Go to Google Maps and type in the latitude and longitude points.

        (Remember: W = Neg, E = Pos, N = Pos, S = Neg). Where, exactly is the second bombing target?

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