WHAT IS CLAIMED IS:

1. A system for analyzing a computer network flow, comprising a network flow exporter for preparing a network flow; a network flow analyzer for decomposing said network flow into a plurality of information element taking format of a network flow standard; and a flow tagger for tagging the plurality of information element taking format of a network flow standard to form tagged elements, wherein said tagged elements are derived from said plurality of information element taking format of a network flow standard, wherein said tagged elements comprise compound tagged elements that are derived from a combination of a plurality of simple tagged elements..

2. The system of claim 1, wherein said tagged elements comprise simple tagged elements that are derived from at least one of said information element taking format of a network flow standard according to a source of information external to said network flow or according to a calculation, or a combination thereof.

3. The system of claim 1, wherein said compound tagged elements are derived from a simple tagged element plus information external to the network flow, by performing a calculation on the simple tagged element, or by combining an information element taking format of a network flow standard with a simple tagged element.

4. The system of claim 3, wherein said compound tagged elements further include a calculation on a simple or compound tagged element (or both), information external to the network flow, a plurality of compound tagged elements or a combination thereof.

5. The system of claim 4, wherein said tagged elements comprise at least one simple tagged element and at least one compound tagged element, and wherein said flow tagger tags the plurality of information element taking format of a network flow standard iteratively, such that said at least one compound tagged element is determined after said at least one simple tagged element.

6. The system of claim 2, wherein said simple tagged element is selected from the group consisting of a traffic ratio, derived from the amount of data sent to, and received from, a particular IP address or a particular port of particular IP address; and a port/IP address element, derived from the source IP address and the destination port of the network flow.

7. The system of claim 1, wherein said information element taking format of a network flow standard is determined according to one or both of the IPFIX or Netflow standards.

8. The system of claim 1, wherein said source of information external to the network flow comprises a look-up table for matching a value of a tagged element to an external information value.

9. The system of claim 8, wherein said look-up table comprises geolocation information and said tagged element comprises an IP address.

10. The system of claim 1, wherein the network flow comprises a plurality of packets having a common set of properties, and wherein the system is configured for:

a. receiving a network flow, wherein said network flow comprises a plurality of packet properties organized into columns, each property in a column;

b. analyzing the network flow to decompose the network flow into a plurality of elements;

c. tagging the plurality of elements in an iterative order determined according to a tagging dependency between the plurality of elements; and

d. writing the tagged elements by column.

11. The system of claim 10, wherein said analyzing the network flow comprises determining simpler tagged elements first, before then determining compound tagged elements.

12. The system of claim 11, wherein said analyzing the network flow further comprises mapping each type of tagged element to a column of a record of tagged elements for the network flow; and determining an order of said columns according to tagging dependencies.

13. The system of claim 10, wherein said plurality of packet properties is selected from the group consisting of a packet header field element, a measured property of the plurality of packets, interpreted information based on packet contents, and meta- information.