We Claim:

1. An article collation system comprising:

a) at least one identifier associated with each article;

b) one or more attributes associated with each identifier;

c) one or more transporters for moving each article along a common path to one of a plurality of collection points;

d) a plurality of diverters associated with one or more of said transporters for routing each article to said collection point; and

e) a controller dynamically adapting operation of said transporters and said diverters to fulfill user requirements considering the attributes of each article and optimizing system functions based on load conditions.

2. The system as claimed in claim 1 wherein the system comprises single level of multi level routing of each article to said collection point.

3. The system as claimed in claim 1, wherein said one or more transporters comprise of plurality of conveyor belts arranged to function at differential speed.

4. The system as claimed in claim 1, wherein said at least one identifier comprises a barcode identifying content of an article.

5. The system as claimed in claim 1, wherein said one or more attributes comprises length, breadth, height and weight of an article.

6. The system as claimed in claim 1, wherein said collection points comprise a plurality of Put to Light stations to provide a signal based on real time conditions such as flow of traffic.

7. The system as claimed in claim 1, wherein said controller is coupled to a server storing logs for instantaneous and previous load conditions at each diverter.

8. The system as claimed in claim 7, wherein said controller extracts load parameters from logs stored in a server for a defined time interval, wherein load parameters are such as peak load and mean load.

9. The system as claimed in claim 7, wherein said controller reassigns the collection points based on extracted parameters to dynamically adapt the operation of said transporters and diverters.

10. A method for collating articles comprising:

a) associating at least one identifier with each article;
b) associating one or more attributes with each identifier;
c) moving each article along a common path to one of a plurality of collection points using one or more transporters;
d) routing each article to said collection point using a plurality of diverters associate with one or more of said transporters;
e) adapting dynamically operation of said transporters and said diverters to fulfill requirements of each order while considering the attributes of each article and optimizing the system functions based on load conditions.

11. The method as claimed in claim 10, wherein the step of routing each article to said collection point comprises a single level or multi level.

12. The method as claimed in claim 10, wherein said one or more transporters comprise of plurality of conveyor belts arranged to function at differential speed.

13. The method as claimed in claim 10, wherein said one or more attributes comprises length, breadth, height and weight of an article.

14. The method as claimed in claim 10, wherein said collection points comprise a plurality of Put to Light stations to provide a signal based on real time conditions such as flow of traffic.

15. The method as claimed in claim 10, wherein adapting dynamically operation of said transporters and said diverters comprises extracting load parameters from logs stored in a server for a defined time interval wherein load parameters are such as peak load and mean load.

16. The method as claimed in claim 10, wherein adapting dynamically operation of said transporters and said diverters comprises reassigning the collection points based on extracted parameters.