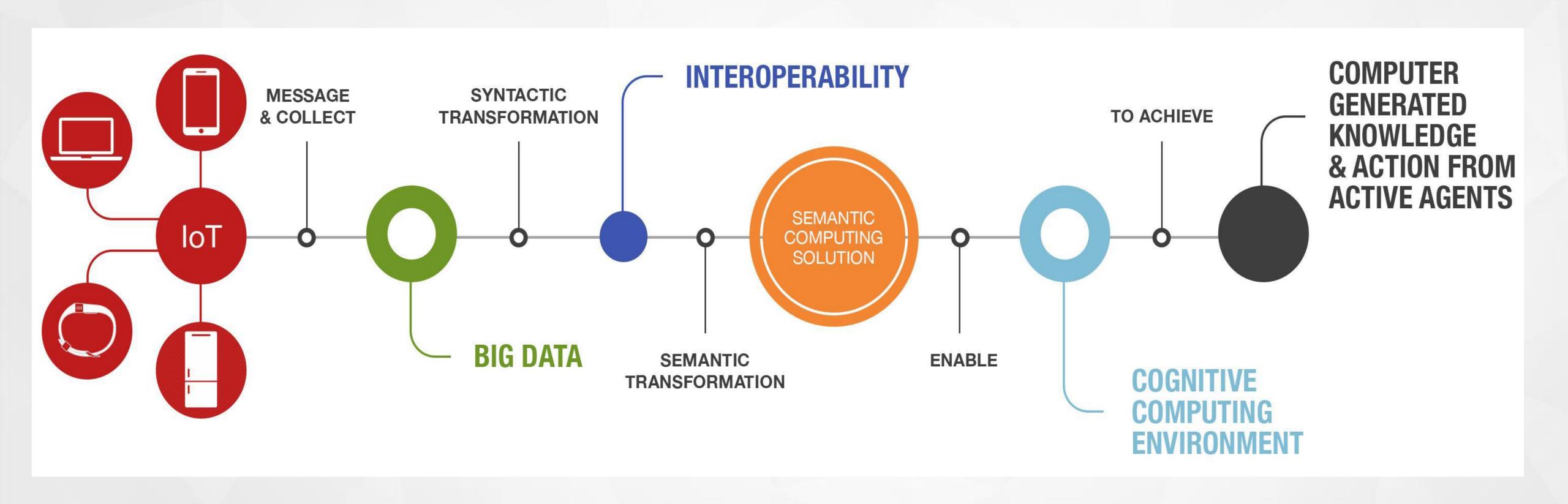


# Introduction to Semantic Computing



## Introduction to Semantiro



### Datacuro™

#### **Data Management Suite**

Suite of components which create, transform, query and manage semantic data.

### Ontocuro™

#### **Ontology Management Suite**

Suite of components to manage ontologies and their content.



**Structured Data** 



External Query and Analytics



RDF TRIPLE STORE

A triple store is a purpose-built

database for the storage and retrieval

of triples through semantic queries.

The Processor implements Semantic Interoperability, which is the ability of computer systems to exchange data with unambiguous, shared meaning.

**PROCESSOR** 



Query



**Domain Ontologies** 



#### **ONTOLOGY LIBRARY**

A central repository where all ontologies used by the Semantiro Platform are stored and managed

## Visualiser

Provides a meaningful view an ontology from the Ontology Library using a graphical interface.



#### Pruner

Enables a person with little or no ontological expertise to safely prune unneeded concepts while maintaining the integrity of the ontology.



#### Validator

Evaluates an evaluation of an ontology's integrity. Users may choose one or more validation rules to run against an ontology, and then view or download the report detailing the results.