Claims:

1. A system for integrated management of the infrastructure of a community, where the infrastructure comprises a plurality of network-connected infrastructure systems, subsystems, devices, and applications, and where the systems, subsystems, devices and applications are independent and unintegrated, the system comprising:
   a user-defined machine-readable metadata model comprising predefined metadata node templates defining metadata structures for said infrastructure systems, subsystems, devices, and applications;
   connector modules specific to each said infrastructure system, subsystem, device and application and configured to extract metadata from said infrastructure systems, subsystems, devices, and applications;
   an event engine that receives said extracted metadata from said connector modules and which populates metadata node templates using said metadata to create populated metadata nodes; wherein said connector modules convert said extracted metadata into a format that said event engine can understand and then send it to said event engine;
   a dynamic metadata map/model assembled by said event engine, comprising populated metadata nodes, including relationships between nodes based on said collected metadata, and pre-defined operation sequences, based on the occurrence of events received from the connector modules, which pre-defined operation sequences define a set of operations according to predicted end-user requirements in response to pre-selected events.

2. A system according to claim 1, wherein said community is a city.

3. A system according to claim 1, wherein said community is a single building.

4. A system according to claim 1, further comprising cross references between existing metadata nodes.

5. A system according to claim 1, wherein the event engine is configured to build the dynamic metadata map automatically, continuously, and dynamically, modifying the metadata map as collected metadata changes.

6. A system according to claim 1, wherein the event engine is configured to use metadata relationships to extract metadata from existing nodes or from subsystems to build and update metadata nodes.

7. A system according to claim 1, wherein said dynamic metadata map/model contains metadata nodes for a plurality of infrastructure systems, subsystems, devices, and/or applications that are involved in a service workflow, wherein a service workflow comprises a set of pre-selected information that presented to an end user and said predefined operation sequences.

8. A system according to claim 1, wherein said predefined operation sequences comprise an end-to-end service workflow for end-users of the system by having metadata model undertake integration with multiple subsystems involved in the service workflow.

9. A system according to claim 1, further comprising an analytics engine configured to identify and correlate events and to update existing events or create new events based on identified correlations.

10. A system according to claim 1, wherein the event engine is configured to send commands to one or more of said infrastructure systems, subsystems, devices, and applications based on the receipt of one or more event conditions received by the event engine.

11. A system according to claim 1, wherein the network comprises the Internet.