**NBD(NIST Big Data) Requirements WG Use Case Template Aug 11 2013**

|  |  |
| --- | --- |
| **Use Case Title** |  |
| **Vertical (area)** |  |
| **Author/Company/Email** |  |
| **Actors/Stakeholders and their roles and responsibilities**  |  |
| **Goals** |  |
| **Use Case Description** |  |
| **Current** **Solutions** | **Compute(System)** |  |
| **Storage** |  |
| **Networking** |  |
| **Software** |  |
| **Big Data Characteristics** | **Data Source (distributed/centralized)** |  |
| **Volume (size)** |  |
| **Velocity** **(e.g. real time)** |  |
| **Variety** **(multiple datasets, mashup)** |  |
| **Variability (rate of change)** |  |
| **Big Data Science (collection, curation,** **analysis,****action)** | **Veracity (Robustness Issues, semantics)** |  |
| **Visualization** |  |
| **Data Quality (syntax)** |  |
| **Data Types** |  |
| **Data Analytics** |  |
| **Big Data Specific Challenges (Gaps)** |  |
| **Big Data Specific Challenges in Mobility**  |  |
| **Security & Privacy****Requirements** |  |
| **Highlight issues for generalizing this use case (e.g. for ref. architecture)**  |  |
| **More Information (URLs)** |  |
| **Note:** <additional comments> |

**Note: No proprietary or confidential information should be included**

**ADD picture of operation or data architecture of application below table**