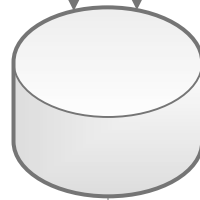


Offline Learning

Data
Sensing

Known
Machines

Building Sensing
Profiles for labeled
machine



Fingerprint Profiles for Machines

Fusing data sensing

Identification Process

Collect Energy Profile
for the recognized
Machines

Calculated Energy
For each Machines

Data
Sensing
from
unidentified
Machines

Energy Profile

Online Detection

