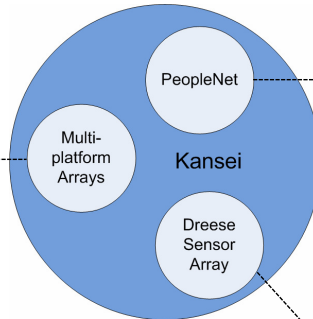
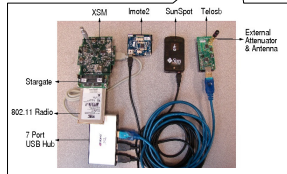


Kansei Today

- At-scale testing
- Sensor data injection
- Hybrid experimentation
- Multi-array applications
- Services-model of interaction
- Object code, source code or high-level language input



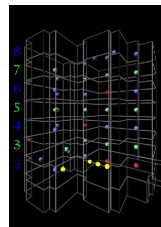
- P2P social networking apps
- Mobile sensing: NO_x, CO₂
- Mobility testbed



Cell-phone Psi-Mote Mobile Array



- Dreese Sensors
- Occupancy
 - Elevator
 - Temperature
 - Anchor Nodes



- Location-specific sensing
- Fabric virtualization

Federated GENI-fied Kansei Roadmap

- Clearinghouse
- Re-factored Kansei for GENI compliance
 - Component/Aggregate Managers: for XSM, TelosB
 - GENI Researcher Services: Scheduler, Job deployer, Data channel
 - Researcher (client) Dashboard : Kansei Job Control language
 - O&M Tools: Kansei Doctor
- Evolving RSpecs for sensor platforms

- Virtualization of wireless sensor fabrics to provide isolation between jobs
- Federation
 - Authentication, authorization, and access control across multiple, federated testbeds
 - Resource management (including discovery and allocation) across federated testbeds
- Kansei Cloning software package and installer
- Kansei Clones at Wayne State and LANL

Specific Projects

