

UMass DOME Q3 Status, 2010

DOMe Buses

The test bed is fully operational. We have several people running experiments. The test bed has been 100% utilized since April.

We continue to add features in response to our users' needs. Most recently we added a tool to that allows a user to get the historical routes and stops of the buses that executed experiments.

We have finalized and tested the changes to support the ORCA bella release. Additionally, we changed the DOME reservation policy to allow researchers to reserve a portion of the test bed. Previously, a user could only reserve the entire test bed, so only one experiment could be run at a time. To implement this change, we use multiple units in the resource pool. We also made changes to how DOME communicates leases to buses, to prevent thrashing of experiments from one bus to another.

DOMe WiMAX

We have finalized the location for the WiMAX base station, including both the indoor and outdoor equipment.

We received the outdoor equipment from Rutgers. We also purchased an omni-directional antenna.

UMass Facilities has a quote out for the installation.