

The purpose of this research project is to validate whether a zigbee based asset tracking system is economically viable. We intend to install a plurality of receivers (approximately 50-100) in a facility and install about 100 tags. The tags will be attached to assets. The tags periodically emit a low power (10mW) signal which is received by the receivers. The receivers are at fixed locations and they measure the signal strength of the tag. This signal strength data is then transmitted to a server which does the location calculation.