



Innovative Programming Systems, Inc.

## Wiring Configuration for ScanIt Parts

This document reviews the placements of the access points at the dealership for the parts scanning system.

The access point device is not weatherproof. Access points need to be placed inside a building connected to an electrical outlet. Access points must also be connected to the dealer's local area network (LAN). For external applications a special weatherproof antenna is available. The antenna(s) connect to the access point and can be up to 15 feet from the device. With its' 360° degree reception capability, the best placement is usually close to the ceiling within the parts receiving area. The antenna can receive the radio frequency signal a maximum of 1000 feet line of sight. Keeping in mind as the signal passes through a building the distance is reduced by the type of material (i.e. steel, brick, concrete, etc) the building is made of.

ADP\R&R, ScanIt Parts PC Server, Laser printer, and all Access Points must be wired on the dealer's LAN using the Ethernet protocol with Cat5 twisted pair cabling. If multiple locations are involved, these building must be cabled on the same LAN using some point to point dedicated circuit method. Please review the attached diagram for common configuration information.

# Parts Receiving Area

(sample wiring diagram with 2 antennas)

