2 Installation

Warning
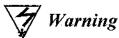
To ensure public safety, mount RF Relay antennas so that general access is restricted to more than 10 cm.

Installing the Savi RF Relay requires pre-planning your hardware needs to match your site and application. Refer to the *Savi System Installation Guide* for a description of the process of planning an RFID network, and discuss site-specific issues with your Savi customer service representative.

Network Placement

Two Savi RF Relays bridge a distance of up to several miles as a wireless connection between a host computer and a SaviReader network, or between two sub-networks of SaviReaders within a network. Each Savi RF Relay connects to one device, either a Savi reader or a host computer.

Determine in advance where you will need to use Savi RF Relays to complete your Savi System, and then identify power sources, installation locations, and where cables will run. (To ensure the best RF range, do not install the Savi RF Relay where its antenna will be obstructed by metal surfaces.)

Figure 2-1 shows a Savi RF Relay connected to a host computer that communicates by RF with a wired network of remote SaviReaders.