The SubStation will connect wirelessly to the BaseStation 3200 controller. When connected, the 3200 will be able to find, program, and manage all zones and devices connected to the SubStation. This functionality allows the 3200 to reach areas of a site that may not otherwise be possible.

**Communication Advantages:**
- Access existing Wi-Fi networks on a corporate campus or school
- Communication can reach up to one mile with Ethernet Radio
- Acts as a two-wire extender with run lengths up to 8,000 feet

**Wireless programming and management means you don’t have to:**
- Trench through sidewalks, parking lots or roadways
- Trench around large water features such as ponds and lakes
- Trench around buildings and other large structures

**Retrofit a conventional wire system**

The SubStation can be paired with Powered biCoders which accommodate conventional wire. The biCoders allow the zones and devices in the conventional wire field to be programmed like two-wire. When a 3200 wirelessly connects to the SubStation it can then program and manage the conventional wire field. This is a great way to bring the most up-to-date technology to older sites.

**Consolidate and reduce subscription fees**

The SubStation can also help to cut the cost of subscription fees by reducing the number of controllers on a site. Not only is money saved by cutting the subscriptions, the amount of time spent programming and managing the extra controllers is reduced as well. Here is an example from an actual site:

**Old system**
The client managed their site with 22 controllers. Each controller had a $99 annual subscription fee for central control access. The client spent $2,178 per year on subscription fees.

**New system with SubStations**
The client converted their site to Baseline using four BaseStation 3200 controllers connected to 18 SubStations. Each 3200 has central control access which the client uses to manage their site. Because of the SubStations the clients now manage the site with much less work while also saving nearly $1,800 per year on subscription fees.
The BaseStation 3200 will communicate wirelessly to SubStations in the field. The 3200 can program and run all zones and devices connected to a SubStation. Obstacles for a wire path such as roadways and buildings are easy to plan around with SubStations.

The SubStation will communicate with devices such as hydrometers, mastervalves, pump relays, soil moisture sensors and more. The 3200 will be able to find and program all devices connected to a SubStation.

The SubStation will support two-wire with run lengths of up to 8,000 feet. It will also serve as a two-wire extender meaning that when connected to a SubStation, the two-wire run length can extend another 8,000 feet.