

## Case Study: CheckPoint

**Industry:** Health Diagnostics

**Location:** San Carlos, CA

**Size:** Small, 2 Access Points and 30 Sensors

**Mesa Monitoring System Used:**

CheckPoint Wireless Monitoring System

**Number of Years Using CheckPoint:**

At least 3 years

**Types of Units monitored:**

Refrigerators, freezers, hamilton machines, room temperature, and humidity

**What services does the client provide?**

The client runs patient blood sample tests for doctors. They perform immunology, bacteria, genetics, allergy, and cardiac tests and send the results to doctors, who then give the results to patients and consult with them.

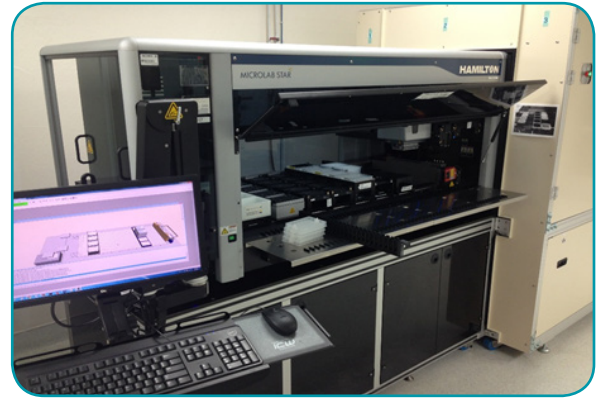
**How does the CheckPoint Wireless Monitoring System help the client?**

The CheckPoint Wireless Monitoring System protects reagents, controls, and patient samples, which are stored in the refrigerators and/or freezers on site. The controls are extremely important because they ensure the reagents are within specification. To comply with CLIA regulations, the client must keep patient samples stored in freezers for a certain amount of time after testing is complete.

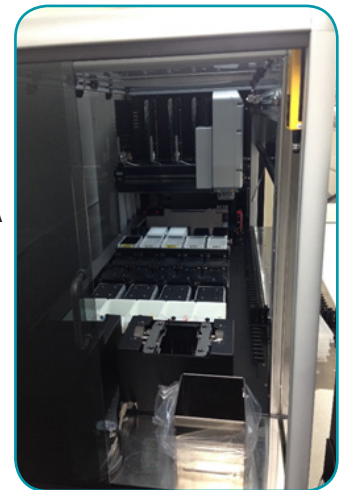
The CheckPoint Wireless Monitoring System helps the client since it alerts whenever the temperature or humidity falls out of range. If the temperature or humidity were to fall out of range, the reagents inside of the refrigerator/freezer would go bad and need to be disposed of. With CheckPoint, the client receives real-time notifications of these failures and can quickly move the reagents to another refrigerator/freezer, thus preventing massive product loss.

**Quote:**

**“CheckPoint is straightforward and easy to use. Everything is central to a computer. It is pretty accurate and convenient.” – Facilities Manager**



*Pictured is a Hamilton MICROLAB STAR Automated Liquid Handling machine. This sophisticated machine distributes and organizes different liquids, such as blood, reagents, and serums, and prepares them for testing.*



*Pictured is the inside view of a Hamilton MICROLAB STAR Automated Liquid Handling machine. In the top right corner, there is a CheckPoint G4 T:15\* Sensor and Temp/Humi Probe, which monitors both the temperature and humidity of the Hamilton machine.*