Haywire Twist Testing
S-Type
Industry: Agriculture

Summary

Customer Challenge

Farmers may experience issues when it comes to their cattle fence on their ranch. If fencing becomes loose, livestock may escape or cause further damage. A farmer is seeking a force test on their twisted haywire of their fencing to see how durable it is from daily stress of their livestock.

Interface Solution

Interface suggests installing the SSMF Fatigue Rated S-Type Load Cell in the test frame. The SSMF measures and monitors the force of the twisted haywire being tested. The results will be captured by the WTS-AM-1E and transmitted to the customer's PC using the WTS-BS-6 Wireless Telemetry Dongle Base Station.

Results

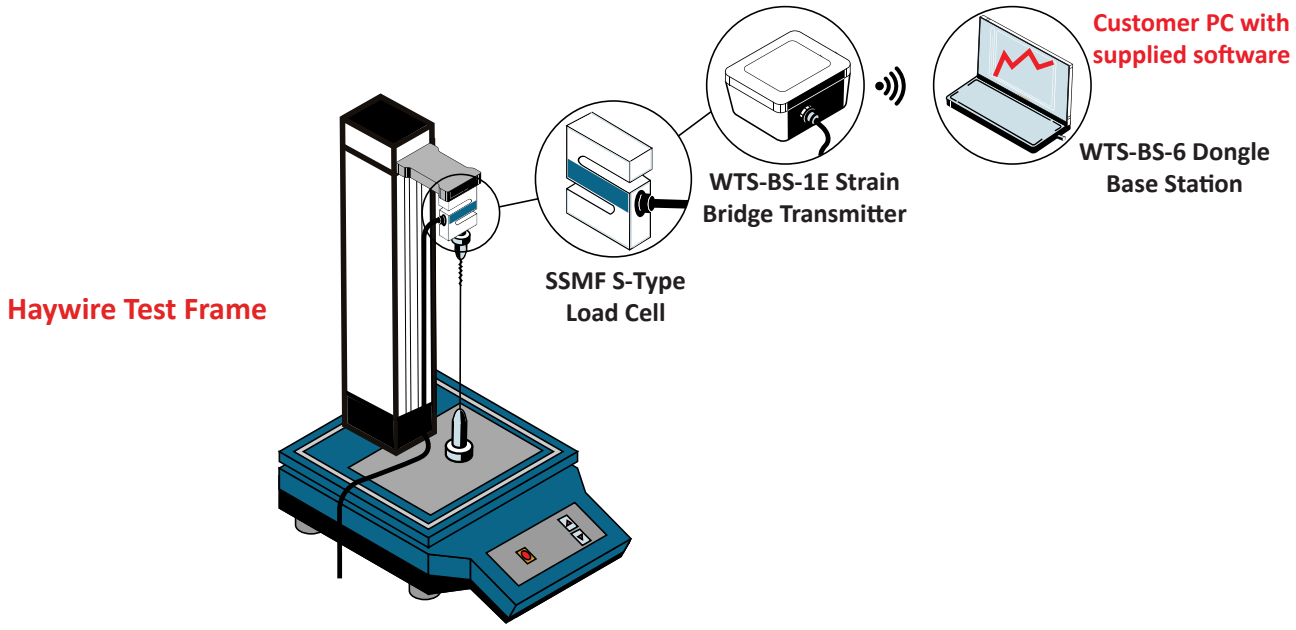
The customer was able to monitor the forces the twisted haywire could withstand, specifically the amount of force it took for it to break.

Materials

- SSMF Fatigue Rated S-Type
- WTS-AM-1E Wireless Strain Bridge Transmitter Modules with Log100 software
- WTS-BS-6 Wireless Telemetry Dongle Base Station
- Customer haywire twisting test frame
- Customer PC or Laptop

How It Works

1. The SSMF Fatigue Rated S-Type is installed into the test frame. The SSMF measures and monitors the amount of force that the of the twisted haywire can withstand.
2. Results are captured when connected to the WTS-AM-1E Wireless Strain Bridge Transmitter, and wirelessly transmitted to the customer's PC using the WTS-BS-6 Wireless Telemetry Dongle Base Station with supplied Log100 software.



interface
FORCE MEASUREMENT SOLUTIONS
7418 East Helm Drive, Scottsdale, AZ 85260 ▪ 480.948.5555 ▪ interfaceforce.com