

Optimize Your Feed-Bin Refilling Process



Now You Can Pick the Optimal Time to Order a Fresh Load of Feed

Challenge: Knowing the Ideal Time to Refill Livestock Feed Bins

If you refill multiple livestock feed bins on a frequent basis, you know the challenge of ordering the right amount of feed at just the right time. For efficiency, you know it's best to refill when the bins' feed-levels are getting low but still contain a safe margin of feed for livestock. With many bins at different levels, how do you know when to order a fresh truckload, so you can use the full load without leftover?

Even when manually checking all bins daily, it's difficult to calculate inventory and predict the best time for refill. If the feed truck comes too early, you may have too much feed and exceed your capacity to properly store it. If the truck comes too late, you risk running low, which must be avoided.

Solution: Banner Feed-Bin Monitoring Solution

Banner's solution monitors the feed level in each bin and calculates overall inventory level. The solution helps you pick the ideal time to reorder, so the truck doesn't come too soon or too late. The Banner solution communicates the feed-level data to the cloud via cellular technology, allowing you to monitor details on a dashboard from any location.

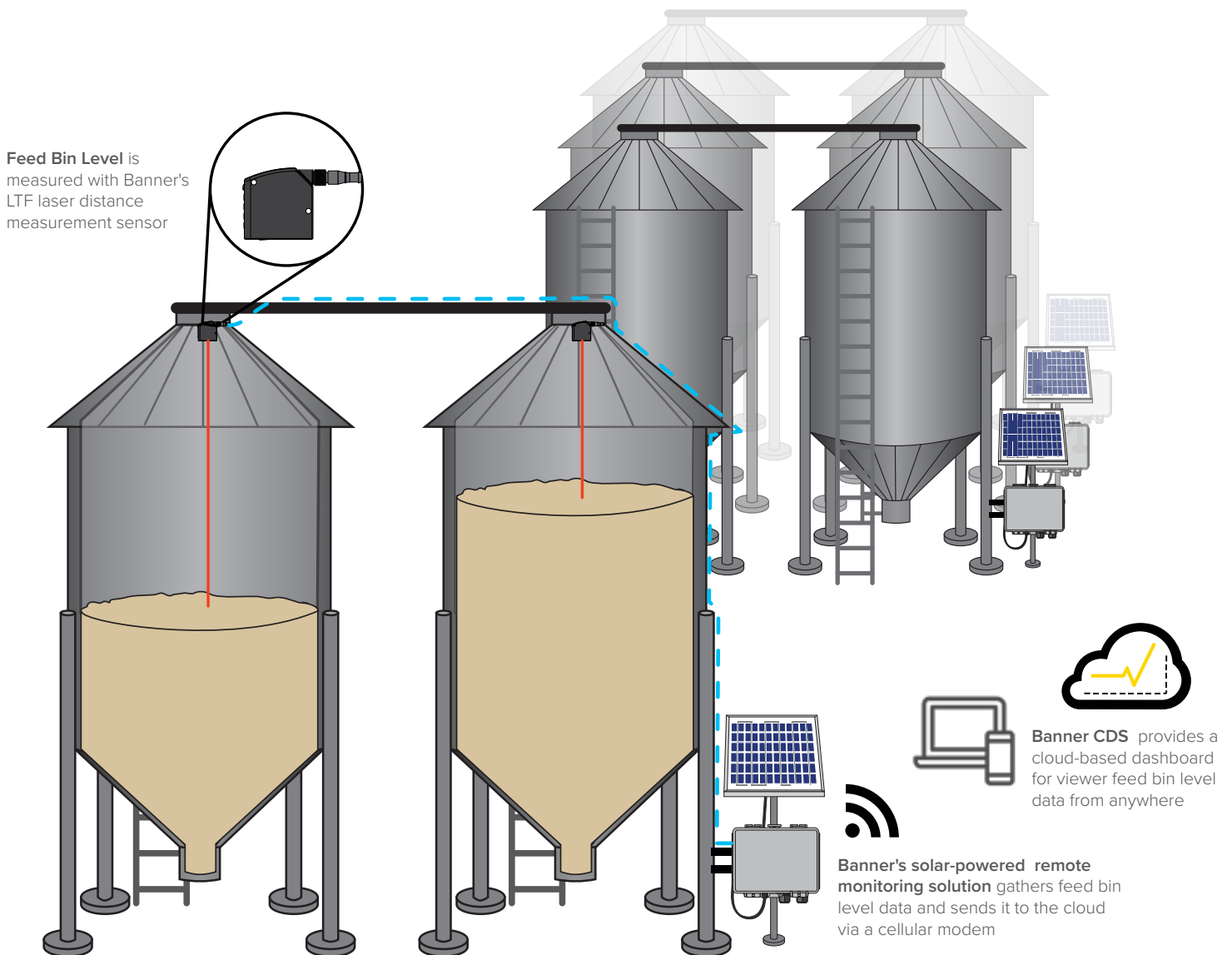
No Power, Internet, or Extensive Cabling Needed

Banner's standalone solution consists of a laser distance sensor, controller, wireless transceiver, solar panel with battery backup, and a weatherproof enclosure. Purchasers receive pre-paid access to a cloud-based monitoring dashboard for 90 days to help them get fully up and running. The system is easily deployable and requires minimal programming. Sensors mount via magnet for simple installation. Embedded cellular connectivity is activated in minutes through a self-service portal. The entire installation can be completed in under an hour for each bin.

Benefits of Feed Level Monitoring:

- Optimize feed delivery logistics
- Lower costs, by reducing frequency of truck deliveries
- Always have the right level of feed at the right time
- Reduce the risk of running low
- Delivered feed never exceeds storage capacity

Multiple Feed Bins can be monitored with minimal cabling using Banner's industrial wireless technology



Get Started Now—Contact Us!



Banner Engineering Corp.

9714 10th Avenue North • Minneapolis, MN 55441 • 1-888-373-6767 • www.bannerengineering.com

© 2021 Banner Engineering Corp. Minneapolis, MN USA

b_51156578