



# CASE STUDY

## CEMENT MANUFACTURER

---



*Bindicator helps provide a cement manufacturer with a continuous level measurement solution.*

### **Problem:**

Recently, [Bindicator](#) was contacted by a cement company to provide a continuous level measurement solution for one of their cement terminals. Rail cars deliver the cement, where it is off-loaded into silos. The silos are truck load-outs for local delivery to ready mix plants and are almost always being filled or discharged – often both at the same time.

### **Solution:**

Bindicator recommended to the Customer that they install an [F78MP Series Air Radar](#). The 30-foot diameter silo is filled via air slides at the center/top and discharged at the center/bottom. The recommended location for the transmitter was 1/3 radius from the side wall, or 10 feet from the fill point, but this was not possible. Instead, the transmitter was positioned 6 feet from the fill point and installed in a 4-inch x 12-inch long vertical nozzle. The installation, which was carried out using the Quick Start Wizard, was set up in six easy steps – no other programming or aiming was required.

### **Benefits:**

In addition to the radar unit, other equipment installed at this location included an [InvisiLink™ Wireless Radio](#) and [ORB™ Inventory Management System](#). Commissioning the F78MP Series Air Radar and the ORB™ took less than two hours – and during this time the silo continued to be filled and discharged. Despite the dust, the F78MP Series transmitter maintained good signal and the fill/empty cycles were able to be tracked and seen real time. The Customer has already inquired about outfitting a number of additional silos with Bindicator's air radar solution.

**[F78MP SERIES AIR RADAR FOR LEVEL MEASUREMENT:](#)**  
**[UNLOCK YOUR SOLUTION.](#)**