

CASE STUDY

Cadbury Adams

The clocks at Cadbury Adams chewing gum plant wouldn't stay synchronized, which made punctuality a problem for employees. Primex installed a GPS Clock System in the plant and eliminated the problem.

"I knew the Primex System would be perfect."

-Robert "Buck" Cowen
Electrical Engineer

The Problem:

For years, Cadbury Adams' chewing gum plant was plagued by problems of punctuality. Before Primex, the plant relied on an old master clock system that used two generators to synchronize the clocks. Unfortunately, every time the plant was disconnected from Northern Illinois Power grid, the accuracy of the plant's clocks suffered. Time varied building by building, making tardiness and shift discrepancies a rampant problem that affected the productivity of the plant.

The Solution:

Plant managers first looked at isolation transformers as a possible solution, but these were quickly deemed too expensive and "fraught with technical issues" by the plant's electrical engineer, Robert "Buck" Cowen. It wasn't until the management consulted with Primex and purchased a GPS clock system that the problem of punctuality was solved.

Cowen has had nothing but praise for Primex since the system was installed. "It's been a wonderful solution for a system that didn't work well for years," Cowen reports. "It's inexpensive and runs perfectly all the time." Plus, he continued, "We also invested in the Primex CompuSync software that receives the time synchronization and keeps our data collection in exact time, which is very helpful for tracking events and alarms."



Results:

- The entire plant is now synchronized to the same time.
- Primex CompuSync has provided an accurate alarm system for the entire factory.
- The unnecessary distraction of time discrepancy has been eliminated.
- Employees know exactly what time they're supposed to begin working.



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