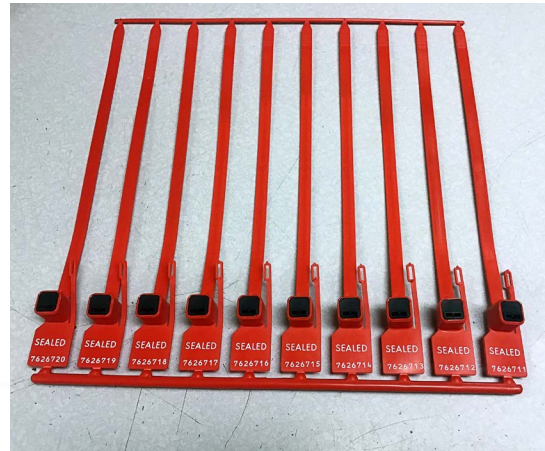




Real-Time Sampling

Central Office Problem:

We need a fast and efficient way to sample materials for state contracts, especially when producers and suppliers are out of state. Because State of Illinois inspectors are restricted to Illinois, we must rely on employees from other state departments of transportation and third-party companies to visit facilities in other states for sampling. This often results in scheduling conflicts, time-sensitive situations and extra service charges.

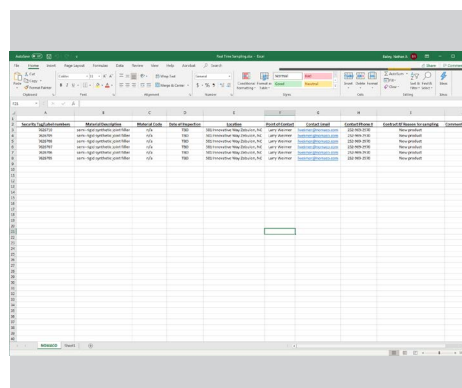


Solution:

Real-time sampling would be a way for trained State of Illinois inspectors to remotely visit out-of-state producer and supplier facilities for material sampling. Using an approved communication platform, such as CISCO WebEx or Facetime, state inspectors can verify the heat and lot numbers associated with stockpiles and select random samples right from their desk. When third parties perform sampling, they typically charge a minimum half day at a rate of \$300. With real-time sampling, IDOT inspectors would be able to do the sampling for the cost of a few secure, serialized tags or labels. Additional savings would come from reduced overtime and vehicle wear and tear, along with increased employee safety.



State inspectors will provide tamper-proof tags and labels and watch as they are attached to the sample materials.



Information entered into a Real-Time Sampling Log will help track the security tagged samples.



Inspectors would be able to complete sampling within minutes, compared to the hours of travel otherwise required.