

## TETRADYN's Bioprotection Products Today - Food Processing Safety

My name is Christopher Aigin. Speaking as a sales and marketing professional the applications and possibilities for TETRADYN's products are endless. A food processing plant is one example that I will use here.

Imagine that you are getting your shipments of meat from your suppliers and they are coming in on trucks from many different sources. TETRADYN's early detection network is in place, and halfway through the shift an infectious agent is detected in one part of the facility, with all-clear readings coming from other parts of the facility as well as other shipment loads. Why is this significant? Now you know where the contamination happened, what shipment was involved, and what supplier sent the contaminated product. All in real time, and we are talking about minutes, not even hours. Localization in space and time, narrowing things down – this is of paramount importance and TETRADYN can provide this uniquely and expediently.

While preventive measures are already in place within many food processing plants, shippers, and distributors, TETRADYN is able to bring greater speed, accuracy, mobility, sensitivity, and economy to the table. Moreover, TETRADYN can help distinguish and discriminate, faster and more accurately, between different strains and species, and between “live” vs. “dead” microorganisms. This is important and can be the difference between risks in the millions of dollars vs. savings of both expense and reputation.

Consider the remedy for the above hypothetical situation. The plant section with the contaminated material can be quarantined thus saving interference with other areas and saving other product lots from being destroyed or worse, being infected and getting into an outgoing shipment. Here alone are savings in the hundreds of thousands if not millions of dollars in lost product and business. Also, worker safety and well-being is at hand. You will now know who (again in real time) was working in the affected area. Those workers can also be tested to ensure that they did not contract the disease or become a carrier even without being infected, thus preventing further spread by human contact and activity. This is only the beginning of what will be saved in your facility.

Now imagine that you did not have TETRADYN's early warning detection system in your facility. If this infectious agent had made it out into the public domain you now have tainted product in the marketplace. You have just opened yourself up to a host of problems on a monumental scale. First, you need to recall a huge amount of product that was produced in that facility “just to be on the safe side” - this will cost you millions of dollars. Second, you face a public relations nightmare that could possibly ruin your business. Here is just one article relating to this scenario: <http://industry.bnet.com/retail/10002874/kroger-clobbered-in-tainted-food-recalls>. Third, the legal actions that can be initiated against you will surely come, and from all directions, with respect to negligence, OSHA violations, worker safety, and more. You can easily have a “Pandora's Box” opened up that will find every conceivable violation and weakness and then some. The list goes on and on. With TETRADYN's products and TETRADYN's engagement, bringing onboard true subject matter experts, recognized in the field, known to FDA, USDA, CDC, EPA and other agencies, you gain a layer of protection that extends to the financial and legal risk fields. You have a shield that helps you to stand out against many risks and threats, and this will also improve your image among the retailer and consumer public. TETRADYN not only benefits your company but your entire business and social community.