



TETRADYN

*Applied Bio Cyber Sciences
in BioThreat Protection, Monitoring,
& Emergency Response*

Why TETRADYN?

TETRADYN finds itself in a unique position within the bio-threat community. Dr. Dudziak and his collaborators have spent literally decades combing the sciences for practical, efficient, yet economically feasible solutions to problems and situations presented by past, present, and future bio-threats. Combining this research and knowledge with the latest technologies, and establishing a communication network that includes links with health sectors on local, state, national, and international levels, with an adaptability to add/include any new source of information needed allows a concentrated effort to curtail the threat.

Throughout the process of organizing and designing competent ways to gather and share the necessary information, ideas were presented to hundreds of health officials, lawmakers, and business executives. Their feedback was instrumental in steering our programs toward addressing their perceived needs. Scientists and lab technicians searched for practical means to meet the challenges presented, with their solutions being fine-tuned to satisfy the TETRADYN model.

The TETRADYN model stands alone by taking the giant leap to action. Using CRAIDO, TETRADYN can take the information where it is needed most, the scene of the threat. CRAIDO can analyze the threat at the scene, without the need for an outside lab. Many times the analysis takes hours, instead of days, allowing for a much faster response and institution of arresting/prevention solutions. A faster response can help to minimize and contain the threat, slowing or preventing the spread to other factions of the community. Other solutions address the information gathering process, but only the TETRADYN system adds the ability to use that information in real time for real results.

TETRADYN has also realized that bio-threats come and go, and that to design and build portable (or stationary) laboratories with only the bio-threat mission in mind would mean that these facilities would lie dormant until needed. TETRADYN has incorporated into these labs abilities to confront other community/workplace health and wellness issues whether disease, social unrest, terrorism, gang violence, teen pregnancy, obesity, flu readiness, or any issue affecting the community. Therefore these labs can remain productive on a 24/7 basis, addressing community/workplace issues, and still remain in a state of readiness for any bio-threat. Our labs can be coordinated with community efforts to govern/manipulate a given situation, and can be outfitted accordingly. Also, the introduction(s) of the **Safety Net** and/or **Sano y Salvo** programs provides new and attractive ways to improve the quality of life for those within the scope of each unit.

All of this knowledge and science are necessary when battling a pandemic, or when faced with local issues, but the sciences alone would be no more than a good basis for a website. It is the **PEOPLE** within the TETRADYN organization that really make the difference. People ready to act, ready to perform, and ready to respond. Professionals who work **with**, not against those they are serving play a major role in reducing the time between recognition of a threat and solution to the problems presented.

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