



Romanyk Consulting

Focusing on what matters

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Surety programs are typically applied to subject matter or systems with potentially catastrophic threat consequences in order to ensure reliability, safety, and security.

Typical Applications of Surety

- Nuclear
- Biological
- Chemical
- Radiological
- High Explosive

"The Focus"

Volume 2 Issue 1

Implementing Surety

For a Safer, More Secure America

Since the 2001 anthrax letter attacks, significant federal investment has emerged to address the National Defense System's goal of developing vaccines, therapeutics, treatments, and detection systems that may be required following a terrorist or enemy state's use of biological or chemical select agents and toxins on our homeland. The widespread impact of the letter attacks demanded swift effort by a number of agencies to stop and prevent any potential recurrences. Heightened regulations and new guidelines have been implemented to address the increased risk and concern. Also, the development of countermeasures, which have yielded positive results, provide assurance that we, as a nation, are moving in the right direction.

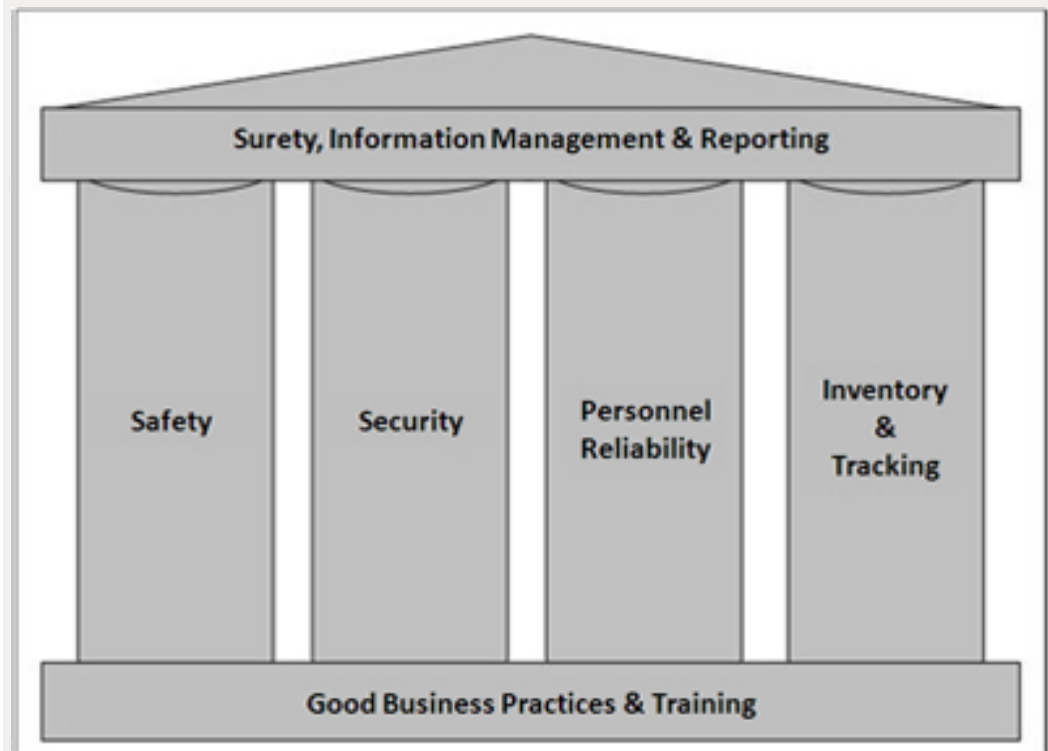


With the additional focus placed on National defense, a new and unintended consequence of the increased research activities has appeared. The dramatic growth in the number of laboratories and researchers working with dangerous biological or chemical select agents and toxins has created an increased threat to national security and public safety. In light of these new threats, a higher need surfaced to assure safety, increase security, create and monitor personnel reliability, as well as implement control over biological or chemical select agents and toxins inventory and tracking. Stated simply, surety emerged.

Surety is defined as the collection and compilation of security, safety, select agent and toxin accountability, as well as personnel reliability data and information needed to provide the assurances to the public of their

safety and to prevent unauthorized access to select agents and toxins that could become the tools of terrorism. The disciplined surety process aims to achieve a satisfactory level of confidence that a system will operate exactly as planned under both expected and unexpected circumstances. Implementing a surety Personnel Reliability Program is crucial to the research community.

Surety deals with complex systems and, therefore, requires a multi-disciplined and scientific treatment. Similar to the discipline of quality assurance and engineering, surety prescribes specific elements and practices that must be incorporated into operations. The strategy of a surety program is defined by the four pillars of surety and based on a sound foundation of good business practices and training. The four pillars of surety will support the surety, information management, as well as reporting goals and requirements of the organization.



Surety programs are based, in part, on past military programs that dealt with public protection against chemical and nuclear weapons. The goal of surety is to ensure safe and secure use of biological or chemical select agents and toxins. This goal requires recording and tracking of data elements related to safety training, security risk assessments and clearances, medical, physical, mental health, as well as various substance testing requirements to ensure a safe and reliable workforce and working environment.

Surety then transforms in a data mining and reporting effort, all the while keeping one eye towards accountability for the biological or chemical

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select agents and toxins and the other eye towards the surety of the workforce. Surety program implementation upholds the mission of safe and secure research. A reliable workforce provides a stronger sense and proof of responsibility to the communities where these important research efforts are being accomplished.

Romanyk Consulting has a Surety Development and Management Program (SDMP) which introduces innovation to risk management and the science of surety. The valuable and innovative SDMP tools developed and utilized by Romanyk Consulting are currently in the patent process. With these tools we aim to transition organizations from their current surety state of some level of surety, typically unknown and provided at an uncontrolled cost by best means available, to an efficient surety system that delivers a known level of surety that exceeds cost targets, operational goals, and surety requirements.

At Romanyk Consulting we collaboratively turn organizational challenges into opportunities. SDMP implementation is through specialized project management, strategic alignment, system engineering, and organization development. We have proven results in the surety field and have developed a highly adaptable and scalable solution. We stand behind our work and uphold the highest principles, ethics, and quality. If you would like to know more about surety, SDMP, or any other services offered by Romanyk Consulting, please contact us or visit us on-line at www.romanykconsulting.com.

Valued Client Relationship

Defense Threat Reduction Agency

Romanyk Consulting is pleased to announce that we have begun work with the Defense Threat Reduction Agency (DTRA) in the area of Surety Personnel Reliability.

Endorsed and supported by Congressman Silvestre Reyes (D-El Paso), Romanyk Consulting was awarded congressional funding for the important work to be completed at DTRA.



Through congressional funding for a Surety Development and Management Program, Romanyk Consulting will identify and document surety standards in biosurety and chemical select agents and toxins, with research being conducted by the United States Army Medical Research and Material Command (USAMRMC), headquartered at Fort Detrick, MD. This will currently encompass the assessment of three laboratories' (USAMRIID, USAMRICD, and WRAIR) personnel reliability program and the automation of their data management and reporting systems for the program.