Challenges

Assuring compliance with all applicable laws and regulations governing the exportation of technical data, commodities and services, as established by the U.S. Departments of Commerce, State, Treasury and Homeland Security, poses a very difficult and serious problem.

Typical challenges include:

Preventing the unauthorized exportation and/or access to export controlled technical data. With a limited number of suppliers, an ad hoc or manual Technology Control Plan (TCP) can be utilized. As the size and complexity of the supply chain increases, manually managing data with hundreds or thousands of companies and individuals is very difficult.

The use of email or CDs to distribute International Traffic in Arms Regulations (ITAR) technical data. There is no way to insure the necessary controls are in place to manage access to the ITAR data, once the data has been emailed and/or burned to a CD.

Solution

The use of sourcing software to distribute technical data can be ITAR enabled, to assure compliance with the TCP. The first step in securing ITAR data is to create and implement a Technology Control Plan (TCP) designed to train personnel on how to safeguard technical data. The plan is comprehensive in nature, communicated to the individuals via training on how to handle ITAR related data, using documented business procedures. The implementation of the TCP for technical data can be done with either manual processes or using software.

Solution Benefits

The benefits to this solution include:

Assures compliance with the Law

The establishment and adoption of a TCP provides procedures for all personnel involved with ITAR controlled data. The use of a software application to implement the TCP to control technical data provides an audit trail to validate data access. This software provides approved individuals from approved organizations with access to the appropriate data.

Minimizes organizational risk

Enabling the ITAR solution to manage technical data in compliance with the TCP mitigates a significant risk.
Implementation

The Professional Services required to implement the ITAR software solution are as follows:

- **Phase 1 – Discovery**
  Determine the “as-is” state of the technical data security and the requirements needed to be in compliance with ITAR TCP.

- **Phase 2 – Design**
  Based on discovery, provide a “to-be” plan designed to get the organization into compliance. This may include the configuration of the software that will be enabled and the proposed implementation plan.

- **Phase 3 – Implementation and Training**
  Implementation of the software based on the documented design. The key to adoption is the training to implement the plan.

- **Phase 4 – Ongoing Maintenance and Support**
  The software is accessed using a “Software as a Service” Model (SAAS), licensed on a project basis. There is a monthly fee to use the software.

About the Electro-Optics Center

The Electro-Optics Center (EOC), a proud part of The Pennsylvania State University, is a hybrid between the best components of a university and those of private industry. This relationship allows us access to the university’s researchers and scientists, its state-of-the-art facilities and leading edge research.

Our staff, comprised primarily of former industry and DoD personnel, brings experience in exceeding sponsor and corporate expectations. Through the application of this hybrid model, the EOC is able to provide its sponsors with solutions that combine leading edge research with on-time and on-budget deliveries. Learn more at www.eoc.psu.edu.