

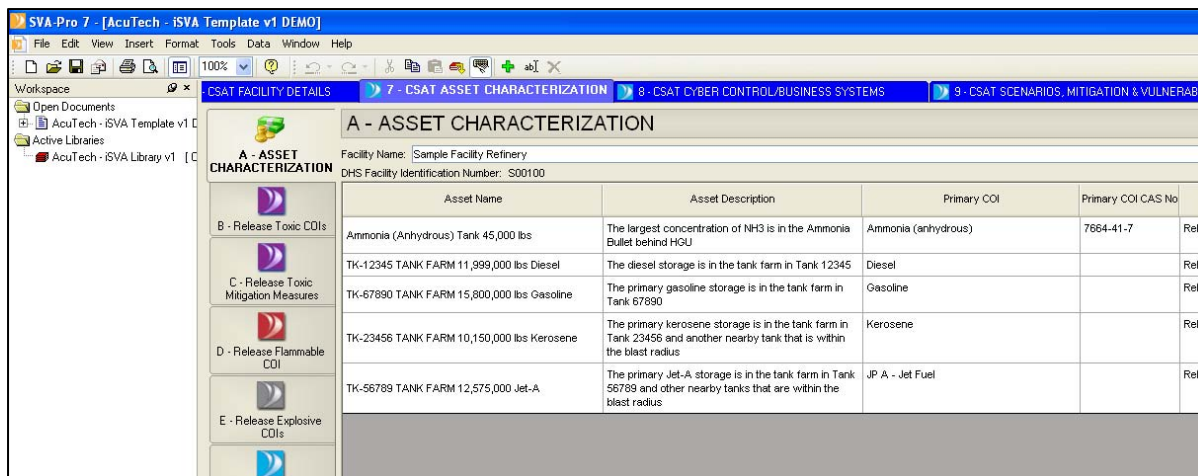
AcuTech Consulting Group's iSVA™ Integrated Security Vulnerability Assessment Methodology for SVAPro™

AcuTech has developed a template for Dyadem's popular software program SVA-Pro™ that meets the requirements of the Department of Homeland Security's (DHS) CFATS Security Vulnerability Assessment while providing significant additional corporate security benefits. This easy to use template presents many advantages for efficiently and cost effectively preparing successful submittals to DHS and at the same time providing management insights that address more comprehensive security concerns.

The AcuTech Integrated Security Vulnerability Assessment Methodology (iSVA™) was designed to merge a more complete security vulnerability assessment methodology with the Chemical Facility Anti-Terrorism Standards (CFATS) Chemical Security Assessment Tool (CSAT) SVA into a single data gathering and security vulnerability assessment tool using Dyadem's SVAPro™ software. Through the integration of the two approaches, the AcuTech methodology provides a means whereby the assumptions, details, and analysis results needed for a comprehensive security vulnerability analyses can be assembled, assessed and documented by the company's SVA Team, while collecting the data that must be gathered and provided as part of the CFATS/CSAT SVA submission process.

Unlike the on-line CSAT tool, the facility and program information gathered and documented in the AcuTech iSVA serves as the basis of the CSAT SVA submission, that can be gathered, distributed and reviewed in an off-line mode and in a variety of formats by a wider facility audience, thus providing additional assurance that each CSAT SVA submission is as accurate and complete as possible.

In addition, the integration of the DHS process with a more 'industry-standard' SVA method provides management with the ability to conduct facility-based SVA analyses of DHS Chemical of interest (COI)-related assets to ensure a more integrated facility / corporate risk management program.



The screenshot shows the SVA-Pro 7 software interface. The main window displays 'A - ASSET CHARACTERIZATION' for 'Sample Facility Refinery'. The interface includes a menu bar (File, Edit, View, Insert, Format, Tools, Data, Window, Help), a toolbar, and a workspace area. The workspace contains a table of assets with columns for Asset Name, Asset Description, Primary COI, and Primary COI CAS No. The table lists several assets, including Ammonia (Anhydrous) Tank, Diesel, Gasoline, Kerosene, and Jet-A.

Asset Name	Asset Description	Primary COI	Primary COI CAS No.	Releas
Ammonia (Anhydrous) Tank 45,000 lbs	The largest concentration of NH3 is in the Ammonia Bullet behind HGU	Ammonia (anhydrous)	7664-41-7	Releas
TK-12345 TANK FARM 11,999,000 lbs Diesel	The diesel storage is in the tank farm in Tank 12345	Diesel		Releas
TK-67890 TANK FARM 15,800,000 lbs Gasoline	The primary gasoline storage is in the tank farm in Tank 67890	Gasoline		Releas
TK-23456 TANK FARM 10,150,000 lbs Kerosene	The primary kerosene storage is in the tank farm in Tank 23456 and another nearby tank that is within the blast radius	Kerosene		Releas
TK-56789 TANK FARM 12,575,000 Jet-A	The primary Jet-A storage is in the tank farm in Tank 56789 and other nearby tanks that are within the blast radius	JP A - Jet Fuel		Releas

Objectives:

- Facilitate the gathering of all data required by DHS for the CSAT SVA into a PC-based software program separate from the DHS CSAT SVA web-based system.

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- Assist the gathering and integrated analysis of additional data on adversaries other than the high-end terrorist threats required for CSAT, incorporating other scenarios or assets the company may want to consider for general corporate security purposes (such as Responsible Care requirements).
- Supply a “user friendly” interface conducive to producing a more comprehensive SVA than is possible using only the CSAT tool.
- Provide additional decision-making tools such as libraries, checklists, and risk ranking matrices to make valid security risk management decisions during the SVA.
- Allow for documentation of existing security measures for each scenario and comparison of existing security measures to the Risk Based Performance Standards (RBPS) requirements to facilitate advanced planning on security investments.

Advantages

- Flexible, time-efficient methodology for the gathering, input, analysis and review of data to be entered into the on-line CSAT SVA tool.
- Operates in a stand-alone and real-time mode without the need of an Internet connection and without connection to DHS until ready to submit. With this privacy the user can make comments and edits prior to DHS scrutiny.
- Improves application of organizational security vulnerability standards and concepts.
- Provides ability to export files to various output formats including Adobe Acrobat, Microsoft Word, Excel, and html.
- Improves security and distribution of the data for review to individuals within the organization without the need to have additional software or software licenses.
- Facilitates development of standard templates for an organization, or similar facilities within a company that may be used to develop an alternate security program (ASP).
- Provides consistent formatting of the data across multiple facilities and different security vulnerability assessment teams.
- Permits the development and inclusion of organizationally preferred wording that may be used across the CFATS-covered facilities within an organization, while still allowing the ‘customization’ of inputs needed to meet facility variations.
- Pull-down menus and libraries improve consistency of response incorporating applicable Company-specific physical and technical security baselines
- Allows the user to file reports for facility and corporate management personnel to help them better understand the assumptions used for CFATS compliance even if all of the data is not thereafter submitted to DHS; improving the quality of the studies and reducing concerns that may arise from future inspections or updates.
- Provides electronic storage and archiving of data to make future updates of the SVAs much more efficient.
- Allows the user to study security issues beyond those required by DHS in the CSAT tool or optionally to exclusively limit the study to DHS CSAT issues. Using this capability the user can efficiently gather both CSAT-SVA and non-CSAT data in one analysis.
- CSAT related data can be copied and pasted into the CSAT SVA tool by the “Preparer” when the facility is ready to input data to DHS.

*SVAPro is Registered Trademark of Dyadem, Ltd.



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Ordering Information:

- AcuTech's iSVA™ Template is licensed at \$1000 per individual user/LAN seat SVA-Pro license
- If you do not already have a license for SVAPro, you may purchase a license for SVA-Pro™ from AcuTech (AcuTech is a Dyadem* Alliance Partner).
- The iSVA Template will be delivered via email.
- To order provide the following information for billing and shipping purposes:

Name: _____

Title: _____

Company _____

Address _____

Phone: _____

FAX: _____

EMAIL: _____

Signature _____

The number of copies of AcuTech's iSVA™ templates @ \$1000 each _____

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