

*SECURITY CASE STUDY*  
*INDUSTRIAL/MANUFACTURING*



ORGANIZATION: SPELLMAN HIGH VOLTAGE, HAUPPAUGE, NY



## SECURITY CLIMATE

PERHAPS NO OTHER TYPE OF SECURITY BREACH CAN POSE THE LEVEL OF COLOSSAL DAMAGE AND DANGER TO A COMMUNITY THAN ONE OCCURRING AT AN INDUSTRIAL PLANT. WHETHER IT'S A POWER, MANUFACTURING OR CHEMICAL PLANT, SECURITY BREACHES CAN POSE AN IMMEDIATE, AND SOMETIMES, LONG-TERM THREAT TO THE PUBLIC AND THE ENVIRONMENT. HOWEVER, PUBLIC AND ENVIRONMENTAL SAFETY CONCERNS ARE NOT THE ONLY DRAWBACKS OF SECURITY BREACHES, AS A PLANT CAN BE CRIPPLED BY LAWSUITS STEMMING FROM THE FORMER. A COMPANY'S BRAND REPUTATION MAY ALSO BE TARNISHED, OR WORSE, DAMAGED BEYOND REPAIR. THE SIMPLE FACT IS THAT, FOR PLANT MANAGERS, OR THOSE CHARGED WITH OVERSEEING THE SECURITY OF AN INDUSTRIAL PLANT, ANY CARELESS LAPSE IN SECURITY PROCESSES HAS THE POTENTIAL FOR CATASTROPHIC RESULTS.

IN ADDITION TO ENSURING THE PUBLIC'S SAFETY, THERE IS ALSO THE SECURITY OF THE EMPLOYEES TO CONSIDER. IN HER RECENT ARTICLE, WHICH WAS PUBLISHED IN THE PAGES OF INDUSTRIAL MAINTENANCE & PLANT OPERATION (IMPO) MAGAZINE, JOY LEPREE CONCLUDES THAT "INDUSTRIAL FACILITIES BECOME MORE SUSCEPTIBLE TO VIOLENCE IN TIMES OF ECONOMIC DOWNTURNS WHEN LAYOFFS INCREASE." AS IMPORTANT AS KEEPING THE COMMUNITY SAFE, IS THE SAFETY AND SECURITY OF THE INDIVIDUALS WHO MUST WORK IN THE PLANT. THE AMERICAN CHEMICAL INDUSTRY APPEARS TO HAVE TAKEN AGGRESSIVE STEPS TOWARD ENSURING PLANT SITE SECURITY. SINCE SEPTEMBER 11, 2001, THE MEMBERS OF THE AMERICAN CHEMISTRY COUNCIL (ACC) HAVE DEVOTED MORE THAN \$3.5 BILLION TOWARD ENHANCING SECURITY AT THEIR FACILITIES THROUGHOUT THE U.S. TRADE ASSOCIATIONS SUCH AS THE ACC, SYNTHETIC ORGANIC CHEMICAL MANUFACTURERS ASSOCIATION (SOCMA), NATIONAL ASSOCIATION OF CHEMICAL DISTRIBUTORS (NACD) AND THE NATIONAL PETROCHEMICAL & REFINERS ASSOCIATION (NPRA) HAVE DEVELOPED VARIOUS SECURITY MANAGEMENT PRACTICES FOR THEIR MEMBERS TO IMPLEMENT AND MAINTAIN SECURITY PROGRAMS, WITH IMPLEMENTATION OFTEN NECESSARY FOR CONTINUED MEMBERSHIP. AS MUCH AS 90% OF INDUSTRY COMPANIES HAVE SECURITY PROGRAMS IN PLACE AT THIS TIME. ADDITIONALLY, LEPREE REPORTED THAT, ACCORDING TO THE NUCLEAR ENERGY INSTITUTE, IT HAS SPENT \$370 MILLION ON ADDITIONAL SECURITY MEASURES SINCE THE TERRORIST ATTACKS. BUT ANY COMPANY USING TOXIC CHEMICALS COULD BE A TERRORIST TARGET.

# SECURITY CHALLENGES

COMMON SECURITY CHALLENGES FACED BY ALL INDUSTRIAL PLANTS INCLUDE THE FOLLOWING:

- PRODUCT TAMPERING/CONTAMINATION
- COMPUTER HACKING
- WORKPLACE VIOLENCE
- THEFT OF HIGHLY SENSITIVE DATA OR PRODUCTS
- ASSAULT
- DRUG USE
- VANDALISM

BRIAN McENROY, A FACILITIES MANAGER AT ELECTRONICS MANUFACTURING COMPANY, SPELLMAN HIGH VOLTAGE, KNOWS THE IMPORTANCE OF IMPLEMENTING OPTIMAL SECURITY PROCESSES FOR INDUSTRIAL PLANTS. THE HAUPPAUGE, NY-BASED SPELLMAN OPERATED OUT OF THE NEW YORK AREA FOR OVER 62 YEARS AND HAS OFFICES AROUND THE WORLD. SPELLMAN MAINTAINS STRICT SECURITY REQUIREMENTS FOR ITS STAFF AND VISITORS, SOME OF WHICH ARE IMPOSED BY HIS SECURITY TEAM, AND OTHERS WHICH ARE MANDATED BY THE U.S. GOVERNMENT.

SPELLMAN MANUFACTURES HIGH-VOLTAGE POWER SUPPLY COMPONENTS THAT ARE USED IN VARIOUS SECURITY TECHNOLOGIES, WHICH ARE USED TO PROTECT LARGE ESTABLISHMENTS AND VENUES, SUCH AS AIRPORTS AND STADIUMS. SIMILARLY, IN PRODUCING AND DISTRIBUTING THESE COMPONENTS, THEY MUST ALSO MAINTAIN A COMPREHENSIVE SECURITY OPERATION TO ENSURE THE INTEGRITY AND SAFETY OF THEIR PRODUCT AND STAFF. "OUR BIGGEST CHALLENGE IS COMPLYING WITH C-TPAT."

C-TPAT STANDS FOR "CUSTOMS TRADE PARTNERSHIP AGAINST TERRORISM," AND IS A VOLUNTARY PROGRAM IN WHICH ALL PARTICIPATING ENTITIES IN THE IMPORT SUPPLY CHAIN COOPERATE WITH U.S. CUSTOMS IN ESTABLISHING ACCEPTABLE SECURITY PRACTICES IN ALL PHASES OF THEIR OPERATIONS. BY REVIEWING EXISTING SECURITY PROCEDURES AND IMPLEMENTING ENHANCED SECURITY ARRANGEMENTS, COMPANIES WILL BE ABLE TO BE CERTIFIED BY U.S. CUSTOMS AS C-TPAT MEMBERS. "WE TRANSPORT GOODS OVER THE BORDER, AND WE HAVE TO ABIDE BY CERTAIN SECURITY [REQUIREMENTS]. WE HAVE TO MAKE SURE THAT MATERIAL MOVING ACROSS THE BORDER IS SAFE AND SECURE. IN COMPLYING WITH THESE NEW ANTI-TERRORIST LAWS, WE HAVE TO MAKE SURE THAT OUR FACILITY AND DOCKS ARE SECURE."

## SECURITY SOLUTIONS

THE STRICT SECURITY PROCEDURES IN PLACE AT SPELLMAN DON'T JUST STOP THERE. SPELLMAN ALSO COMPLIES WITH ADDITIONAL REGULATIONS FROM THE TRANSPORTATION SECURITY ADMINISTRATION (TSA), WHICH WAS FORMED IMMEDIATELY FOLLOWING THE TRAGIC EVENTS OF 9/11. THE TSA OPERATE AS A SUB-DEPARTMENT OF THE DEPARTMENT OF HOMELAND SECURITY AND ARE RESPONSIBLE FOR MAINTAINING THE SECURITY OF U.S. TRANSPORTATION SYSTEMS. THE DEPARTMENT OVERSEES THE SECURITY FOR THE HIGHWAYS, RAILROADS, BUSES, MASS TRANSIT SYSTEMS, PORTS AND AIRPORTS. "OUR SECURITY CONSIST OF PHYSICAL SECURITY, RESTRICTED ACCESS AREAS, CAMERA SURVEILLANCE, PERFORMING BACKGROUND CHECKS AND OTHER SECURITY PROCEDURES THAT HAVE BEEN CREATED TO ENABLE US TO COMPLY WITH ANTI-TERRORIST LAWS," SAYS McENROY.

WITH SO MANY REGULATIONS AND REQUIREMENTS, AND A WIDE VARIETY OF SECURITY COMPANIES TO CHOOSE FROM, SPELLMAN'S SELECTION PROCESSES IS MUCH MORE STRICT COMPARED TO THOSE OF OTHER ORGANIZATIONS. "WE SELECTED ARROW SECURITY BECAUSE THEY ARE A LARGE COMPANY AND WE ARE VERY CONFIDENT IN THEIR ABILITIES," SAYS McENROY. "I WORKED WITH THEM AT SEVERAL OTHER COMPANIES AND OVER A LONG PERIOD OF TIME, THEY ALWAYS PROVIDED RELIABLE SERVICE. WE'VE HAD ARROW SECURITY HERE FOR 4 YEARS AND WE PROJECT THAT THEY'LL BE OUR SECURITY COMPANY FOR MANY YEARS TO COME."