

Trend Micro™ LeakProof™ Enables a Manufacturer to Discover Data Security Issues and Strengthen Its Foundation for Compliance

Associated Fuel Pump Systems Corporation (AFCO) manufactures high-quality electric fuel pumps for some of the largest automotive companies in the world. Recent attention on security in general—and preventing data leaks in particular—have given rise to a comprehensive corporate initiative aimed at data security.

.....

“Even with established procedures for checking out data, it wasn’t until we had the visibility offered by Trend Micro™ LeakProof™ that we could be assured—and prove—that we were achieving the desired level of data protection.”

— Lucia Johnson, Information Systems Services Manager
Associated Fuel Pump Systems Corporation

.....

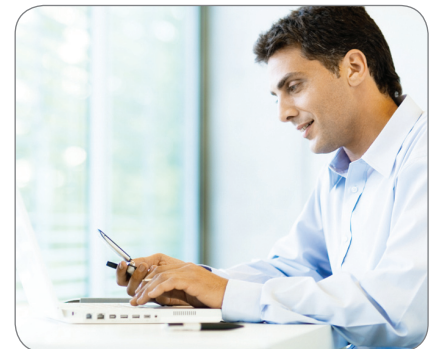
KEY BENEFITS

- **Data leak prevention.** Guards sensitive information at rest, in use, and in motion.
- **Increased visibility.** Identifies instances of a violated policy; shows where employee education is needed.
- **Gradual, unobtrusive adoption.** Monitoring phase provides insights for fine-tuning enforcement actions.
- **Simplified proof of compliance.** Detailed logs map violations to users and endpoints; at-a-glance dashboard quickly highlights problematic activity.

MEETING A LARGE-COMPANY REQUIREMENT WITH SMALL-COMPANY RESOURCES

The IT department at AFCO has a small fraction of resources compared with either of its parent companies, Bosch and DENSO. But the close working relationships between the separate companies require AFCO to find cost-effective, easy-to-manage methods for complying with passed-down large-company initiatives. For data security, AFCO is in the process of adhering to a 150-point security policy that must be in effect by the year 2010.

The project began several years ago, at a time when AFCO was investigating security for the physical facility as well as the network and computers. “When a summer intern was caught stealing equipment, it underscored the need for even more attention on security,” said Lucia Johnson, Information Systems Services manager at AFCO. “The theft incident and the DENSO initiative led to an evaluation and the decision to proactively improve our data security in particular. Information is one of our most valuable assets.”



The first steps towards compliance with the full initiative focused on blocking data from leaving the network. IT identified all of the CD-ROM writing devices and also purchased a third-party software product to prevent the use of USB memory sticks. As they continued to address check-off items, AFCO was continually evaluating technology solutions that could help them automate data security.

DATA LEAK PROTECTION TECHNOLOGY

AFCO’s IT department was excited to discover Trend Micro™ LeakProof™, a data leak prevention (DLP) solution comprised of two main components. The Trend Micro Anti-Leak (A/L) Agent provides powerful monitoring and enforcement capabilities for each endpoint

device. The agent monitors local devices such as USB ports, applications such as web mail, and network interfaces such as wireless connections to prevent information leaks. The other component, the DataDNA Server, acts as a central point for configuration and continual updating of policies and visibility of overall data security.

“We had already tightened up our perimeters,” said Johnson. “But in the first two to three weeks of using it, Trend Micro LeakProof identified several areas where we could further tighten security. In one instance, an employee had copied files that included some sensitive data. While this turned out to be an innocuous transaction, it proved how effectively we could monitor flagged data. Prior to this, we didn’t have any way to make sure that employees were complying with our implemented policies. Now we have visibility even when employees are working after hours or at home. We can clearly spot any inconsistencies between established rules and behaviors.”

While these discovered violations were proven to be non-malicious, the results showed AFCO where they needed to focus their efforts. “We have to know that our data is secure and that it is in a place where it is being properly managed and backed up,” said Johnson. “Even with established procedures for checking out data, it wasn’t until we had the visibility offered by Trend Micro LeakProof that we could be assured—and prove—that we were achieving the desired level of data protection.”

THE ABILITY TO MONITOR FIRST AND CONTROL LATER

Going from an open, unrestricted environment to working conditions that include tight data controls and policies is a tough change for employees and managers alike. Trend Micro LeakProof gives them a way to gradually tighten security. The DLP solution monitors and logs activities. IT then reviews the logs and takes appropriate actions. The logs clearly show activity overall, as well as providing breakdowns by user and by endpoint.

“Other solutions force you down an all-or-nothing path,” said Johnson. “Trend Micro LeakProof lets us monitor first, and then tighten rules where needed. We can take the time to gain in-depth understanding of what our employees are doing and what they need to be able to do to get their jobs done effectively.” Once AFCO IT and management have fully educated themselves about data movement on their network, they enable features of LeakProof that automatically block certain behaviors. The initial monitoring step also gives IT time to share information with management about the ways to further improve data security and to ensure the success of future restrictions once they are introduced.

“Trend Micro has been a great partner for us as we move towards full compliance with our new corporate data security policies,” said Johnson. “They provide us with the technical support we need, and the product enhancements show that they understand both our limitations as a small corporation and the evolving requirements for comprehensive data security in our industry.”

CORPORATE PROFILE

**Associated Fuel Pump
Systems Corporation (AFCO)**
Anderson, South Carolina

In 1989 and as equal partners, Bosch and DENSO founded Associated Fuel Pump Systems Corporation (AFCO). The combination of advanced Japanese and German engineering and technology produced a superior high-pressure, turbine-type electric fuel pump. Today, AFCO is an award-winning supplier of high-quality products to customers including Toyota, Honda, Ford, and Daimler-Chrysler.

- **Industry/Vertical** Manufacturing
- **Employees** 330
- **Infrastructure** 200 PCs; 13 servers; outsourced email service
- www.afcopump.com

TREND MICRO PRODUCTS

- **Trend Micro LeakProof**
<http://us.trendmicro.com/us/products/enterprise/leakproof/index.html>



Copyright © 2007. Trend Micro Incorporated. All rights reserved. Trend Micro, the Trend Micro t-ball logo, and LeakProof are trademarks or registered trademarks of Trend Micro, Incorporated. All other product or company names may be trademarks or registered trademarks of their owners. Trend Micro Incorporated reserves the right to make changes to this document and to the products described herein without notice.
SS06AFCODLP081009US
www.trendmicro.com