

## SecurePort Fax Data Leak Prevention System

### Background

While there's a great concern expressed in regards to threats coming into an organization through its network – viruses, spam, and hackers, there's far less attention on what is leaving the organization via e-mail, web, fax, removable media, printed documents, or other outbound communication channels – financial data, account information, social security numbers, patient files, personnel records, contracts, customer lists, patents, and more. Most companies learn about data leaks after the fact and are not prepared for post-lead firestorms; organizations are usually always caught off guard.

### SecurePort

SecurePort is an enterprise solution that protects confidential documents from leaking out, it identifies and prevents documents leaks before they occur, it limits document distribution only to designated parties, it does a real-time auditing and blocking of unauthorized document distribution, and provides complete audit trail of user and distribution activity. SecurePort is a unique solution that protects information sent out from the organization via fax machines and fax servers.

SecurePort works through a three-step protection process. First, you determine what confidential information should be protected and assign distribution policies around that data. Next, you configure SecurePort to monitor outbound communications, looking for matches of protected data. Finally, you initiate notification and blocking capabilities to stop breach attempts, and to create an audit trail of information distribution activity.

SecurePort utilizes an advanced content and policies engine, in addition, its API allows integrating SecurePort with external content engines, in cases where customers have specific demands. For example, a company that implements Sarbanes Oxley Act can integrate SecurePort as its fax capturing and routing platform managed by the Sarbanes Oxley compliance software. Or, integration of SecurePort with another DLP vendor that offers complementary leak prevention channels, as E-mail, web, etc.

Any document sent out from the organization via fax is captured by SecurePort, the document is being fetched and scanned and its content is then reviewed against the secure policy database. The system analyzes any data designated as confidential. Once the content of the document has been cleared for transmission by the system, the document is then being sent out. In case a document is put on hold, the system sends the user a "Not Approved" notification, and sends an alert to the information owner.

### SecurePort System Architecture

