



## At a glance...

### CHALLENGE:

- Ensure confidentiality and protection of employees and suppliers contracts and records exchanged between offices in Linate and Malpensa

### REQUIREMENTS:

- Maximum security standards
- Ease of use for HR staff
- Fast and simple deployment
- Full integration with existing infrastructure

### SOLUTION:

- Boole Server 2008 Enterprise Edition with fail over and load balancing
- Boole Desktop Client

### BENEFITS:

- Centralised management of 250-user network subdivided into 5 groups
- Server-side military encryption of the stored data
- Secure transmission of information between multiple locations complementing email exchange
- Real time monitoring of data handling by each and every user
- Simple integration to existing infrastructure
- Fast user adoption with zero training costs

## Introduction

SEA manages Milan airports, namely Linate and Malpensa, providing centralized airport services such as operations, logistics, information systems, surveillance and retail services. Also, through SEA Handling, the Company supplies handling services, such as ticketing, check-in, passenger boarding and disembarkation, lost & found, special assistance, mail, cargo and baggage logistics, and aircraft cleaning services, to over 200 airlines.

SEA S.p.A. was founded in 1948, and is today a joint stock company controlled by the Municipality of Milan (with an 85% stake). The Company fully owns SEA Handling. In 2008, the Group realised a turnover of €635 million employing over 5,100 employees and managing traffic of over 19 million passengers in Malpensa and over 9 million in Linate.

## Challenges

The Human Resources division of SEA needed to exchange sensitive information such as employee and supplier records, employment or collaboration contracts, and pay slips between Linate and Malpensa head offices with maximum confidentiality.

They needed a system that could be used alongside email in daily operations, to guarantee that data transmission was carried out with the highest standards of confidentiality without disruption of its employees work processes.

The company's main requirements were:

- Maximum data confidentiality and protection
- Minimum operation disruption
- Minimum deployment costs
- Full integration with their existing infrastructure.

## Solution

SEA airports decided to adopt a solution based on Boole Server™ Enterprise Edition including load balancing and fail over systems based on two servers configured internally to a farm.

The servers were deployed on the existing infrastructure, without need for additional dedicated hardware purchase.

### Military Grade Encryption

The system encrypts all files managed by Boole Server™ at 2048bit, allowing solely authorised users to decipher the content. This ensures sensitive data can only be viewed and used by authorized staff, without the risk of critical information being unduly intercepted.

### Granular User Policies

Using Boole Server™, authorized SEA staff can work directly on the protected files, being able to share them with other users according to highly controlled policies: for example, a user may be authorized to read the content of certain files but without the ability to modify or to even save them locally, while another user can be granted read and write privileges, which may be granted for a limited time.

## Technical Data

**Industry:**

Aviation

**Number of users:**

250

**Server OS:**

Windows Server 2003

**Client OS:**

Windows

**Boole Server Edition:**

Enterprise

**Total Implementation:**

2 Days

**Secured Communications:**

Internal

### Advanced Auditing

The solution includes an advanced auditing system that allows for complete and detailed track of any operations carried out on protected files, keeping the data owners and managers apprised of who views, modifies or shares protected files.

## Results

Boole Server™ has provided SEA's HR group with a new system that complements their existing communications platform, allowing them to exchange confidential information electronically alongside the use of email, without any need for staff training or disruption in operations.

Given the simplicity of its intuitive interface, Boole Server™ has been integrated quickly into the ordinary working practices of the HR staff, despite their varying levels of IT skills. The high protection standards offered by the solution guarantees maximum security to information shared between sites, helping the group save time and money with digital communication while ensuring the safety of confidential and sensitive data.

*"Boole Server™ proved to be extremely advantageous for our needs: immediately operative, simple to configure, fully integrated into our system. It has been incredibly simple to educate employees on how to use it, and has already proven to be cheaper, faster and a lot more secure than a courier system."*

**IT Director, SEA**

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### About SecureGrade™

SecureGrade™ was founded by a group of business and IT security specialists with specific knowledge of public and private sector markets in Europe and the US, the Middle East and Latin America and with high-level experience in the world's largest software companies.

SecureGrade's mission is to help organisations, large and small, secure their business critical information and manage risk effectively.

We offer a unique approach that combines proven methodologies with new and extraordinary technologies, originally developed for government and military use.

For our customers, this means the reassurance of absolute security, coupled with flexible, practical ways of accessing and deploying information in response to dynamic business requirements.