



*GFI MailArchiver™ archive  
restrictions and licensing*

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## Introduction

GFI MailArchiver requires a license seat for every Active Directory mail enabled user. The product provides two ways to adjust the number of seats counted by the product. At each way's heart is a list that contains a set of user names and/or email addresses.<sup>1</sup> The number of seats that require to be licensed is determined by the function of this list. It can be either an inclusion list or an exclusion list. These two filtering modes determine if an email shall be archived or not, and how the licensing module counts users. The list can contain both Active Directory user names and email addresses. A typical list is shown Figure 1 below.

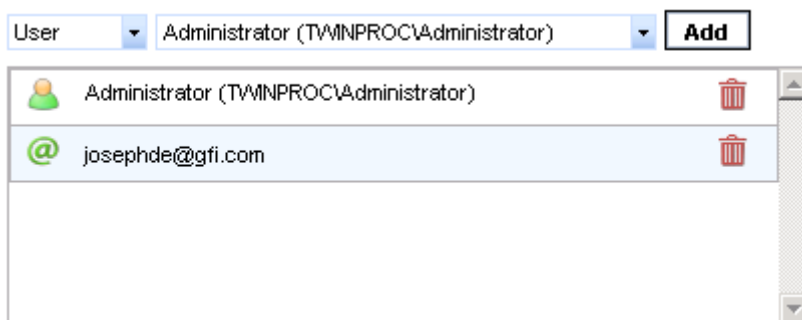


Figure 1 – A typical list

## Mode 1 – Restricting by inclusion

The inclusion list mode can be configured to operate in two ways.

1. An email is archived if *any* address is in the inclusion list.<sup>2</sup>
2. An email is archived if *all* addresses (in all email fields, that is, senders and recipients) are listed in the inclusion list.<sup>3</sup>

In both cases, the license module works the same. In general the inclusion list restricts the license required to the number of Active Directory users in the list. However, there are some rules to the previous statement. These rules are:

1. The license module returns the count of users in the inclusion list if all entries in the inclusion list are Active Directory users. That is, there are no email addresses like 'josephde@gfi.com' in Figure 1.
2. If an email address is present in the inclusion list, the licensing module reports the number of all users found in Active Directory. This is done to avoid cheating entries like '\*@\*'.

### Example 1

Consider an Active Directory with 10 users (and another one for journaling) and an inclusion list of six Active Directory users. The license required in this scenario is for six users.

### Example 2

Consider the scenario in example 1 but the inclusion list contains another entry. The new entry is an email address. In this case the license required for GFI MailArchiver is of 10 users. The new entry will cause the license module to count all users in Active Directory.

## Mode 2 – Exclusion

The exclusion list can also work in two different ways:

1. Do not archive email if *any* of the addresses in the email is listed in the exclusion list.
2. Archive email if any address is *not* in the exclusion list. The users in the exclusion list will not be able to view the archived email.

Like the Inclusion list, any of the ways above do not affect the licensing count but it affects the archival process. When GFI MailArchiver is configured to use an exclusion list, the licensing module counts users differently from when no list is configured or an inclusion list is used. As the inclusion list restricts the number of licensed users to the number of Active Directory users in the list, the exclusion list deducts the number of Active Directory users from the total count of users in the organization. The criterion to count the number of users that requires a license is:

1. The number of Active Directory users in the exclusion list will be deducted from the number of users in Active Directory.<sup>4</sup>
2. Email addresses in the exclusion list are not counted in the number to deduct from the number of licenses required.

### Example 1

Consider an Active Directory with 10 users (and another one for journaling) and an exclusion list of six Active Directory users. The license required in this scenario is for four users.

### Example 2

Consider the scenario in example 1 above, but the exclusion list contains another entry. The new entry is an email address. In this case the license required for GFI MailArchiver is still four users because the email address will be ignored.

## Summary

There are two ways in which the number of users counted for licensing can be controlled:

1. Inclusion list – the license counts all entries in the inclusion list given that there are no email addresses in the list. If an email address is in the list, the license counts all users in Active Directory. The reason for the latter behavior is to avoid cheating entries like *\*@\**.
2. Exclusion list – the number of Active Directory users in the exclusion list is subtracted from the number of users in Active Directory. Email addresses in exclusion list are ignored.

*1. In GFI MailArchiver 2011 the administrator can add an Active Directory group. The function of a group is similar to a number of Active Directory users. For simplicity Active Directory groups are omitted in this document since their function is similar to a number of Active Directory users in an inclusion or exclusion list.*

*2. Here the term address is used loosely and can refer to both normal email address and Active Directory user.*

*3. Ibid.*

*4. Ibid.*

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