



## Lepide Exchange Manager

# Backup Restoration and Disaster Recovery Solution for Exchange Server

White Paper

2012

The purpose of this white paper is to elaborate upon a variety of Exchange administration activities and disaster situations that require professional Exchange Management tools and present a business case for the use of Lepide Exchange Manager.

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## Abstract

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Email communication has become an essential process to help run different functions of an organization smoothly. All pervasive use of email communication in supporting different business processes throughout their lifecycle has led them to be clubbed together with basic utility services such as electricity. However, in this context, one important question that we need to ask ourselves is whether we have enough safeguards and cushions in place as we do in case of basic utility services to deal with disasters or unforeseeable disruptions that may hamper your business continuity.

In today's world where all sort of business communication both internal and external is being carried out with the help of electronic mail, Microsoft's Exchange has undoubtedly been at the top of the race.

According to a research by Microsoft...

*"Our research shows that Exchange market share continues to grow. In enterprises with over 500 PC's, Exchange is, by far, the most widely used business email. For example, in the US, UK, and Australia, well over 70% of enterprises primarily use Exchange.*

*In each of the largest G7 countries, in every size organization from small companies with less than 25 PC's to the largest enterprises, Exchange is being used by more businesses than any other email system."*

The purpose of this white paper is to throw light on the intricacies of the Exchange Server management and how a professional third party tool can aid the Exchange administrators to overcome constant administrative challenges and help them to stay geared up to meet any unforeseeable disaster situation. The whitepaper also goes on to explain the capability of a professional third - party tool and the benefits offered by it.

## The Business Case

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There are a number of situations that demand IT administrators to invest significant amount of time and resources dealing with Exchange Server. Such situations could be the result of normal business requirement or could arise from unforeseeable disaster situation. Some of the significant instances that require IT administrators to put in a lot of resources around Exchange Server have been illustrated here:

### **Exchange Server Corruption**

Many organizations have the policy to store emails only on servers which could be driven by a number of factors such as storage, security policy, compliances etc. This policy, however, could backfire in exchange server corruption situations where all your email communication might come to a halt with inaccessible mailboxes. Under these circumstances what IT administrators would look for is an immediate Exchange server repair solution.

### **Restore from Backup**

Exchange Server database corruptions are hard to predict and are likely to occur given the plethora of reasons that could strike your Exchange environment anytime. Administrators keep backups of the Exchange database to mitigate the risk arising out of corruption situations. So, whether it's a case of accidental deletion of mailboxes or some virus attack, if you have your backup in place, you still have your data, though inaccessible instantly.

### **Selective Restoration from Backup**

To deal with Exchange information store corruption, as cited above, administrators rely on backups to restore mailboxes to Live Exchange. However, not all the time all mailboxes are required to be restored. There could be other business needs which require selective restoration of mailboxes. This variation of requirement is important to mention here as the restoration process for full recovery and selective recovery is not all the same. In order to perform selective recovery, administrators need to take brick-level backups, which are very time and resource consuming, or, arrange for a recovery server which requires additional investment.

## **Exchange Server Migration**

In an enterprise environment spread across different geographical sites relocation of employees within organizational premise is a common affair. Many a times, such relocation involves inter-domain and inter-Exchange movement, which in turn creates the need to transfer all the historical email communication from one exchange server to another. This process demands significant time and resources from the administrator and considering the frequency of such migrations, it really becomes a daunting task for the administrators.

## **Importing and Exporting emails in different formats**

Seamless information transfer has become a pre-requisite to complete different business processes successfully. If there is no provision to channelize information as per business needs then having it at first place does not help much. Exchange administrators always face this challenge of exporting emails in different formats and produce them to different stakeholders. The requirement varies from exporting or importing entire mailbox, folders, emails or attachments in different formats such as PST, MSG or EML.

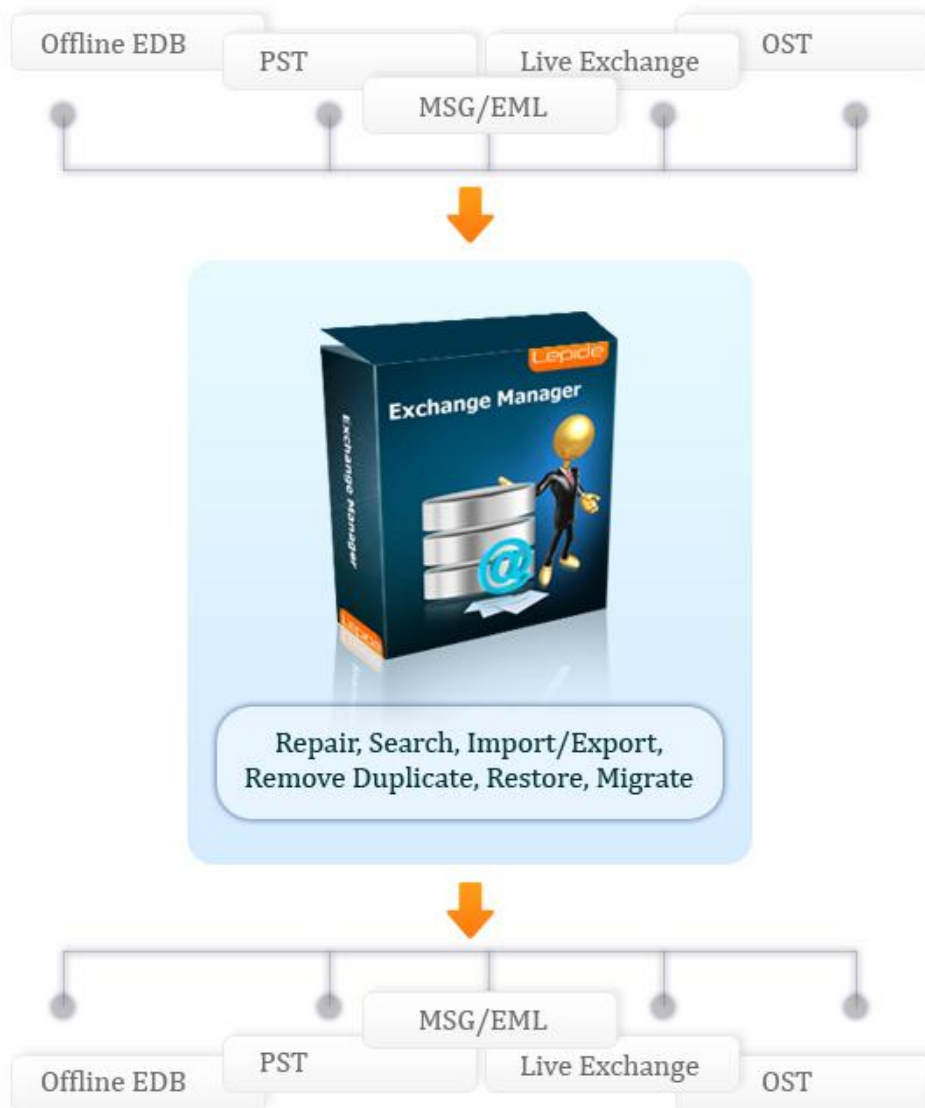
## **Search and Restore**

IT administrators face a perpetual challenge of restoring emails from backup. This could be driven by business requirement, disaster situations or accidental deletion of emails from live mailboxes. Microsoft Exchange offers two modes of backup: full backup and brick-level backup. Full backups are efficient to do considering the time factor but have a limitation of not allowing granular restoring of emails. It's a kind of all-or-none approach. One needs to have recovery server in place to perform granular recovery of emails from full backup. Substitute for this, is the brick-level backup, where administrators get the option of granular recovery, but then, time and storage consumption is a big disadvantage

Considering all these scenarios described above, Lepide Exchange Manager (referred to as LEM from now on) offers a single platform to manage different aspects of Exchange related activities as felt across the board. There is definitely a perceptible need to better organize all these activities and create value by cutting down the time and resources required to manage them and LEM perfectly fits into that space. The software offers an intuitive user interface that sits upon the powerful algorithm making the complex tasks look simple. Convenience is one factor offered by LEM that IT administrators can be assured of while dealing with all low-end and high-end activities around the Exchange.

### How does LEM work?

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Lepide Exchange Manager has been incorporated with all the features needed for a convenient and quick recovery process as listed below.....

#### Convert EDB to PST

- Add offline EDB files.
- Extract Mailboxes from them.
- Create new PST file.
- Copy data from EDB to PST
- Or copy directly to a Live Mailbox

#### Simplified Backup Restoration

- Restore from corrupt Information Stores, Live Exchange Servers, Exchange Backups, OST and PST Files.
- Simply add the backup in Source to extract files.
- Copy-Paste extracted mailboxes to desired destination.
- Restore from EDB, OST, PST, Live Exchange to Live Exchange and

#### Selective Restoration

- Selective restore from full backups. Eliminates the need of Brick-level backups and recovery server.
- Search and extract individual Folders and emails from full-backups.
- Restore selected items such as Emails, Contacts, Calendars, Notes etc. from backup to Live Exchange server.

#### Repair Exchange

- Repair Exchange database
- Extract mailboxes
- Save them to PST or live mailbox
- Extract entire database or a few emails

#### Report Generation

- Select mailbox from backup to generate its reports.
- Five types of reports are offered.
- Save reports in HTML format.

## Features at a Glance

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### Browse/View

**Unmounted archives:** Browse through multiple unmounted EDB, PST, and OST.

**Preview:** Preview messages in a separate panel.

**Open Attachments:** Open and View attachments in emails.

**Live Exchange:** Scroll through email in different mailboxes from any machine on the network.

### Search/Restore

**Live Exchange 2010, 2007, 2003, 2000:** Search through and restore to all these versions of Live Exchange.

**Search across multiple sources:**

- Single or multiple Live Exchange, EDB, PST, OST.

**Search Criteria:**

- From, To, Subject, Message Body.
- Read item, Attachment name, type
- Message Size (provide boundary value, > and <)
- Message Date (provide boundary value, > and <)

**De-Duplicate:**

- Exclude duplicate items from search.
- Set rules to define duplicate.

### Repair/Recover

**Advance Repair:** Repair severe corruption in EDB.

**EDB to PST:**

- Copy emails from repaired EDB to PST.
- Create new PST in ANSI/Unicode or append to an existing one.
- Assign password to new PST.
- Copy from multiple EDB and paste to a single PST.

**Drag & Drop:** Simply drag and drop emails from Source to destination.

**Recover deleted items:** Recover from backups (EDB, OST and PST) and restore to Live Exchange.

**Granular Recovery:** Recover Folders, Emails, Attachments.

**Recover from OST:** Recover mailbox from orphan OST files.

### Import/Export

**Export in PST/MSG/EML:** Export messages from archives and Live Exchange in different formats.

**Export from EDB, PST, OST and Live Exchange:** Export messages from different types of archives and Live Exchange.

**Export with hierarchy:** Export messages with hierarchy.

**Export Sub-Folders:** Export content of sub-folders as well.

### Additional Features

**Intuitive UI:** Intuitive Outlook-like UI allows you to work on the software with ease without any training.

**Create New Mailboxes:** Create New Mailboxes in Exchange and transfer emails to it from EDB, PST, OST and Live Exchange.

**Create/Rename/Delete Folders:** Create new and edit existing folders in PST or Live Exchange.

**32 and 64 bit Outlook:** Supports both 32 and 64 bit Outlook versions.

**Reduce mailbox size:** Reduce mailbox size by de-duplicating messages.

Lepide Exchange Manager offers high ROI on account of various benefits that you get from the software. Apart from the general and one of the most valuable benefit of saving your time and resources, LEM offers a set of highly desirable direct benefits.

**Centralized Exchange access and control:** The software offers a platform for centralized access and control of the Exchange Server.

**Saves Time and Cost:** LEM eliminates the need of doing brick-level backups and maintaining expensive recovery server thus saving your time and resources to a significant extent.

**Disaster Recovery:** It allows you to stay geared-up to meet any disaster situation. It repairs corrupt Exchange server database and recovers mailboxes from backup within minutes.

**Exchange Migration:** It eases the process of Exchange migration by allowing you to copy and move mailboxes from Archives and Live exchange to another Live Exchange with just a few click thus, significantly cutting down the cost of Exchange Migration.

**Easy Search:** IT administrators always face this constant challenge of finding out and restoring individual emails mostly because of business requirements. E-Discovery feature of the Software allows you to pinpoint a single mail out of a variety of archive files and Live Exchange.

**Fulfills Regulatory Requirements and Security Policy:** The software allows you to adhere to the regulatory requirement and IT security policy of the organization. You can search and produce individual emails from backups spanning across years as and when required.

**Convenience:** LEM offers you the convenience of performing different Exchange related task from any windows based system in the network. The simple, flexible and easy to use interface coupled with powerful algorithm of the software makes complex task look simple.

## About Lepide

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Lepide Software offers cutting-edge software products that helps customer to excel in their businesses. It has a wide portfolio of products serving clients across verticals that have benefited largely from them. The company puts in years of experience and innovation that is has developed from designing wide range of products developed by skilled workforce. It aims to be recognized as the best provider of business enhancement software tool.

For more information visit:

<http://www.lepide.com/exchange-manager/>

To try Lepide Exchange Manager, visit:

<http://www.lepide.com/exchange-manager/download.html>

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