



PRODUCT GUIDE



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1. About Kernel for Novell GroupWise to Exchange

Welcome to the user manual for Kernel for Novell GroupWise to Exchange, result oriented and effective email migration software that helps you to migrate from Novell GroupWise to MS Exchange Server. It easily exports user mailboxes, calendar, tasks, trash items, sent items, documents, checklist, work in progress, cabinet, Unicode characters, journals, notes, archives, personal address books and all the existing folders from GroupWise mailboxes and stores them in the user's new mailboxes on MS Exchange Server or to Personal Storage Files(.PST).

Kernel for Novell GroupWise to Exchange software provides secure migration to MS Exchange Server. Users can migrate Single GroupWise Mailbox or Unlimited GroupWise Mailboxes at once.

This user manual comprises step by step guidelines on using Kernel for Novell GroupWise to Exchange.

1.1 Using this Manual

This user manual is intended to guide users on using Kernel for Novell GroupWise to Exchange. We suggest that first time users should read this user manual completely and carefully before proceeding to use the software. However, if you are an experienced user, you can use the table of contents to find out information pertaining to the tasks that you need to perform by using Kernel for Novell GroupWise to Exchange. You can use the table of contents to navigate through different sections of this user manual. The table of contents lists all the sections that are contained in this user manual in chronological order. The user manual comprises the following sections:

- About Kernel for Novell GroupWise to Exchange
- Getting Started
- Migration from Novell GroupWise to Exchange Server
- Advance Options to Make the Migration More Efficient
- Difference between Evaluation and Full Version
- Purchase and Support
- Legal Notices

Certain abbreviations have been used throughout this manual. For clear understanding of the contents of this user manual, please go through the list of abbreviations, mentioned below, before reading the manual.

1.1.1 List of Abbreviations

PST: Personal Storage Files

XLS: Excel Sheet Extension

MS: Microsoft



RAM: Random Access Memory

MB: Mega-Byte

GB: Giga-Byte

1.2 Who should use this Software?

The capability and potential of Kernel for Novell GroupWise to Exchange software to perform the migration smoothly and accurately makes it the preferred and best choice for organizations that want to switch from Novell GroupWise to MS Exchange Server, which generally takes days and hours to complete.

The software is also helpful to Administrators and Technicians, who need to perform migration from Novell GroupWise Server to Microsoft Exchange Server, so their organizations can avail the advance functionalities of MS Outlook which is used in collaboration with MS Exchange Server. The need of migration from Novell GroupWise to MS Exchange Server arises due to accessibility issues, server maintenance charges, security reasons and increased help desk cost associated with Novell GroupWise server.

1.3 Introduction

Once you download the software setup of Kernel for Novell GroupWise to Exchange, two applications get installed on your system. One is the main application – Kernel for Novell GroupWise to Exchange software and second is a batch file creation tool – Kernel for Novell GroupWise to Exchange Migration File Creator. Both the applications are discussed below.

1.3.1 Kernel for Novell GroupWise to Exchange

Kernel for Novell GroupWise to Exchange is an advanced and result oriented email migration software that easily exports every item of GroupWise User Mailbox i.e. emails, contacts, calendars, sent items, trash items, documents, check list, Unicode characters, cabinet, work in progress, journals, notes, appointments, archive items, etc.

Two choices are available to the user for migration - Single Mailbox Migration and Multiple Mailboxes Migration. Single Mailbox Migration option converts one mailbox at a time whereas Multiple Mailboxes Migration option converts unlimited mailboxes at a time.

1.3.1.1 Salient Features

- Migrates from GroupWise to Exchange
- Converts Single GroupWise Mailbox
- Converts Batch of GroupWise Mailboxes
- Batch file migration through imported MS Excel worksheets
- Migrates archived GroupWise items
- Migrates complete Address Books



- Migrates securely and accurately
- Saves converted mailboxes in PST or MS Exchange Server user profile
- Supports every version of Novell GroupWise, MS Exchange Server, MS Excel and MS Outlook
- Free Evaluation version to analyze the software

1.3.1.2 Graphical User Interface

Now that Kernel for Novell GroupWise to Exchange has been installed on your computer, you can start using the software after getting acquainted with the software interface.

Menu Bar

The menu-bar of Kernel for Novell GroupWise to Exchange comprises three main menus- File, Tool and Help.

File Menu

The File menu comprises four menu items.



Figure 1.1: File Menu of Main Application

Menu items in the File menu:

Field Name	Field Description
Single Mailbox	Select to convert Single GroupWise User mailbox
Batch File	Select to convert Multiple GroupWise user mailboxes saved in a NUCON batch file
Export	Select to export/save items of the mailbox
Exit	Select to close the software



Tool Menu

The **Tool** menu comprises one menu item.

<u>T</u> ool	<u>H</u> elp	
Advance Options		

Figure 1.2: Tool Menu of Main Application

Menu items in the **Tool** menu:

Field Name	Field Description
Advance Options	Select to view advanced options to customize various activities

Help Menu

The Help menu comprises three menu items.



Figure 1.3: Help Menu of Main Application

Menu items in the **Help** menu:

Field Name	Field Description
Help	Select to view Users Help Manual of Kernel for Novell GroupWise to Exchange
Software home page	Select to visit homepage of the software on our website
About Kernel for Novell GroupWise to Exchange	Select to know version information and support details of Kernel for Novell GroupWise to Exchange



Tool Bar

The tool-bar in Kernel for Novell GroupWise to Exchange is displayed below the menu-bar. The tool-bar provides a convenient and user-friendly method to perform certain actions that can also be performed by using the menu-bar. Read the information in the table below to find out about the tool-bar buttons:

Button	Button Name	Button Description
Single Mailbox	Single Mailbox	Select to convert Single GroupWise User mailbox
Batch File	Batch File	Select to convert Multiple GroupWise user mailboxes saved in a batch file
Export	Export	Select to export/save items of the mailbox
(2) Help	Help	Select to view Users Help manual of Kernel for Novell GroupWise to Exchange software
gi Buy Online	Buy Online	Select to purchase Kernel for Novell GroupWise to Exchange software

Status Bar

Status bar is displayed at the bottom of the software window. The text 'www.nucleustechnologies.com' is displayed on the status bar when you open the software. This text changes according to the actions performed with the tool bar buttons. For example- Status bar displays the text 'Single File' when you put mouse on Single File button to perform single file conversion and then changes back to 'www.nucleustechnologies.com'.

The Status bar also displays the text 'CAP', 'NUM', 'SCRL' which respectively correspond to the Caps Lock, Num Lock, and Scroll Lock keys on your keyboard. If any of these keys are pressed, the color of the corresponding text will turn blue/black.

www.nucleustechnologies.com

CAP NUM SCRL

Figure 1.4: Status Bar of Main Application



Buttons Used

Apart from the standard options available in the menu-bar and the tool-bar, following are the main buttons used throughout the software working.

Next	Click to go to the next screen
Back	Click to go back to the previous screen
🔇 Exit	Click to exit from the software
Export	Click to save/export items of the user mailbox
Stop	Click to stop the saving/scanning process

Customize User Interface

You can add or remove toolbar buttons by clicking:

 \blacktriangleright \rightarrow Add or Remove Buttons \rightarrow Standard in the toolbar and selecting appropriate buttons.

1.3.2 Kernel for Novell GroupWise to Exchange Migration File Creator

Kernel for Novell GroupWise to Exchange Migration File Creator creates a .NUCON batch file that lists and records details of unlimited GroupWise user mailboxes for conversion to PST or MS Exchange Server. Batch file eliminates the pain of converting GroupWise User Mailboxes one by one. Creation of batch file saves the valuable time of administrators/technicians.

Kernel for Novell GroupWise to Exchange Migration File Creator has the feature of importing MS Excel worksheet that is used to store complete information about the Novell GroupWise user mailboxes.

1.3.2.1 Graphical User Interface

As the batch file creation tool - Kernel for Novell GroupWise to Exchange Migration File Creator has been installed automatically on your computer system with the installation of Kernel for Novell GroupWise to Exchange software; you can start creating batch file to perform multiple mailboxes migration after getting acquainted with the software interface of batch file creator tool.

Menu Bar



The menu-bar of Kernel for Novell GroupWise to Exchange Migration File Creator comprises four main menus – File, Edit, View, and Help.

File Menu

The **File** menu comprises six menu items.



Figure 1.5: File Menu of File Creator

Menu items in the File menu:

Field Name	Field Description
New File	Select to remove all existing records listed in the Kernel for Novell GroupWise to Exchange Migration File Creator software and create new record for a new batch file
Add Record	Select to add new record of the user mailbox in a batch file
Open	Select to open an existing .NUCON batch file
Save	Select to save the .NUCON batch file
Save As	Select to select the location on your hard drive to save the .NUCON batch file
Exit	Select to exit from the software

Edit Menu

The Edit menu comprise of single menu item:



Edit	⊻iew	<u>H</u> elp
🕌 R	emove	

Figure 1.6: Edit Menu of File Creator

Menu items in the **Edit** menu:

Field Name	Field Description
Remove	Select to remove the selected record from the list

View Menu

The View menu comprises two menu items.

Viev	w <u>H</u> elp			
	<u>T</u> oolbars	Þ	🗸 Standard	L
	Status Ba Save	r > 5av	<u>C</u> ustomize	

Figure 1.7: View Menu of File Creator

Menu items in the **View** menu:

Field Name	Field Description
Toolbars	Select to view or hide toolbar of Kernel for Novell GroupWise to Exchange Migration File Creator software
Status Bar	Select to view or hide status Bar of Kernel for Novell GroupWise to Exchange Migration File Creator software

Help Menu

The **Help** menu comprises three menu items.

Help	
Help	0
Soft	tware HomePage
<u>Abo</u>	ut Kernel for Novell GroupWise to Exchange Migration File C_{\cdots}
-	

Figure 1.8: Help Menu of File Creator



Menu items in the **Help** menu:

Field Name	Field Description
Help	Select to view help information pertaining to performing various tasks using Kernel for Novell GroupWise to Exchange Migration File Creator
Software Homepage	Select to visit homepage of our website
About Kernel for Novell GroupWise to Exchange Migration File Creator	Select to view version-related and support information of Kernel for Novell GroupWise to Exchange Migration File Creator

Tool Bar

Following are the tool bar buttons used in the Kernel for Novell GroupWise to Exchange Migration File Creator:

Button	Button Name	Button Description
New	New	Select to remove all existing records listed in the Kernel for Novell GroupWise to Exchange Migration File Creator software and create new record for a new Kernel batch file
Open	Open	Select to open the existing .NUCON file
Jave	Save	Select to save the .NUCON batch file
Save As	Save As	Select to define the location on your hard drive to save the .NUCON batch file



Add Record	Add Record	Select to add the records/details of the GroupWise user mailbox and saving options
Remove	Remove	Select to remove the selected record from the list
Pelp	Help	Select to view User's Help Manual of Kernel for Novell GroupWise to Exchange Migration File Creator software
Import Excel	Import Excel	Select to import excel worksheet with added information about the batch of GroupWise mailbox(s) to be migrated

Status Bar

Status bar is displayed at the bottom of the software window. The text 'Ready' is displayed on the status bar if Kernel for Novell GroupWise to Exchange Migration File Creator is ready to be used. Status bar also displays the text 'CAP', 'NUM', 'SCRL' which respectively correspond to the Caps Lock, Num Lock, and Scroll Lock keys on your keyboard. If any of these keys are pressed, the color of the corresponding text will turn blue/black.

Ready

Figure 1.9: Status Bar of File Creator

Customize User Interface

You can add or remove toolbar buttons by clicking:

 \rightarrow Add or Remove Buttons \rightarrow Standard in the toolbar and selecting appropriate buttons.



CAP NUM SCRL

2. Getting Started

Now that you have understood the features and potential of Kernel for Novell GroupWise to Exchange, you are ready to get hands on experience of the software. To start migrating files, you will first need to download and install this software. However it is strongly recommended that before installing Kernel for Novell GroupWise to Exchange, you should go through the installation pre-requisites for the software to ensure that your computer is appropriately configured to run the software.

2.1 Installation Pre-requisites and System Requirements

The various pre-requisites for installing and running Kernel for Novell GroupWise to Exchange can be broadly classified into two major categories – Hardware requirements and Software requirements.

2.1.1 Hardware Requirements:

The hardware requirements for installing the software are as follows:

- Pentium Class Processor
- Minimum 64MB RAM (128 MB recommended)
- 10MB for Software installation
- Disk Space Enough space to save the results

You should have at-least 10 MB of free disk space if you want to export and save 10 MB .PST file.

2.1.2 Software Requirements:

The software requirements for installing the software are as follows:

2.1.2.1 Operating System Requirements

Supported operating systems:

- Windows Vista
- Windows XP
- Windows 2003
- Windows 2000

2.1.2.2 Novell GroupWise Server Requirements

Supported Novell GroupWise Server versions:



• Version 6, 6.5, 7

2.1.2.3 MS Outlook Requirements

Supported MS Outlook versions:

• MS Outlook 97 and above (97, 98, 2000, 2003, 2007)

2.1.2.4 MS Exchange Server Requirements

Supported MS Exchange Server versions:

• All versions of MS Exchange Server

2.1.2.5 MS Excel Requirements

Supported MS Excel versions:

• MS Excel 97, 98, 2000, 2002, 2003 and 2007

2.2 Downloading Kernel for Novell GroupWise to Exchange software for the First Time

After checking your computer with the prescribed system requirements for Kernel for Novell GroupWise to Exchange, you can download and install the software on your computer. You can buy the full version of the software from any one of our authorized resellers– Element5, Asknet and 2CO.

If you want to try using Kernel for Novell GroupWise to Exchange before buying it, you can download the evaluation version from the following link:

http://www.nucleustechnologies.com/download-groupwise-to-exchange.php

> You can export unlimited GroupWise files saved on your system by using the evaluation version of Kernel for Novell GroupWise to Exchange; however, the evaluation version lets you save 10 emails per folder of the converted GroupWise mailbox.

2.3 Installing Kernel for Novell GroupWise to Exchange

After downloading the installer file for Kernel for Novell GroupWise to Exchange, you can install the software by running the file.

To install Kernel for Novell GroupWise to Exchange:

1. Double-click the Kernel for Novell GroupWise to Exchange installer. Follow the on-screen instructions.

The Setup Installation Complete screen will be displayed.

2. Click **Finish** to launch the software.



When you run the Kernel software setup, two programs gets installed in the All Programs menu and two desktop icons are created: Kernel for Novell GroupWise to Exchange.exe and Kernel for Novell GroupWise to Exchange - Batch Migration File Creator.exe

2.4 Un-installing Kernel for Novell GroupWise to Exchange

You may need to uninstall and re-install Kernel for Novell GroupWise to Exchange. To uninstall Kernel for Novell GroupWise to Exchange:

1. Click the Start → All Programs →Kernel for Novell GroupWise to Exchange → Uninstall Kernel for Novell GroupWise to Exchange

A warning message will be displayed.

2. Click 'Yes' to uninstall Kernel for Novell GroupWise to Exchange.

Before proceeding to uninstall Kernel for Novell GroupWise to Exchange, you must ensure that the software is not running.

You can alternatively uninstall Kernel for Novell GroupWise to Exchange from the **Control Panel** by performing the following steps:

- 1. Click the Start Menu → Control Panel and then double click the Add or Remove Programs icon.
- 2. Select Kernel for Novell GroupWise to Exchange and click Remove.

A warning message will be displayed.

3. Click '**Yes**' to uninstall Kernel for Novell GroupWise to Exchange.



3. Migration from Novell GroupWise to Exchange Server

Now that you have complete familiarity of the user interface of Kernel for Novell GroupWise to Exchange, you are ready to perform the migration of GroupWise mailbox(s).

3.1 Single Mailbox Migration

1. Launch Kernel for Novell GroupWise to Exchange software.



Figure 3.1: Main window of Kernel for GroupWise to Exchange

2. Select the radio button 'Select this option to convert single GroupWise Mailbox' and click Next button.

On clicking 'Next', window displays three modes to connect to the mailboxes of Novell GroupWise and archive selection option: **Default Mode, Login Mode and Command Line mode**.



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Kernel for Novell GroupWise to Exchan	ge - Evaluation Ver 9.05.01
Eile <u>T</u> ool <u>H</u> elp	
Single Mailbox Batch File Export Help Bu	y online . RUCLEUS Data RECOVERY
Step 1: Def	ault Mode
Conversion Option	in Mode
 Step 2: Please select the Mode to connect to GroupWise Mailboxes Step 3: Preview emails and other items of converted GroupWise User mailbox Step 4: Select and Save folder(s) in .PST or Exchange Server 	User Id : Password: Online Address: Port: Caching mailbox path Remote mailbox path mmand Line Mode Command Line (for advance migration)
Kernel	rate Archive items (In case if you want to migrate Archive items) Show Archive Use default Archive path Specify Archive path Select the appropriate mode to perform the GroupWise to Exchange migration with Kernel for Novell GroupWise to Exchange software. Default Mode: This mode helps to convert the default opened user mailbox in Novell GroupWise server. Login Mode: This mode provides sub-modes where mailboxes can be converted with Online details, Caching Mailbox Path and Remote Mailbox
www.nucleustechnologies.com	CAP NUM SCRL

Figure 3.2: Window showing three modes

- 3. Choose any of the modes as per the requirement and perform migration of Single GroupWise mailbox.
 - **Default mode:** This mode converts the items of currently opened mailbox in GroupWise Client.
 - Login Mode: This mode provides sub-modes, where mailboxes can be connected and converted with Online details, Caching Mailbox Path and Remote Mailbox path of the mailbox file.
 - **Command Line Mode:** This mode helps to access and convert GroupWise mailbox without accessing or opening the GroupWise Client. Items of the mailbox are easy to convert by typing complete mailbox path: */pr-/"mailbox destination location"*

3.1.1 Default Mode

Default mode migrates the currently opened user mailbox in Novell GroupWise client.

1. Select the "Use Default" option to connect to the GroupWise mailbox in Default mode.



Kernel for Novell GroupWise to	Exchange - Ver 9.05.01
Eile Iool Help	
Single Mailbox Batch File Export	
Kernel for Nove	II GroupWise to Exchange
Step 1: Please select the Conversion Option	Default Mode © Use Default
Step 2: Please select the Mode to connect to GroupWise Maiboxes Step 3: Preview emails and other items of converted GroupWise User mailbox Step 4: Select and Save folder(s) in .PST or Exchange Server	Login Mode User Id : Password: Online Address: Port: Oraling mailbox path Dijuser2 Remote mailbox path Dijuser2 Command Line Mode O Command Line Mode Migrate Archive items (In case if you want to migrate Archive items) Show Archive Image: Show Archive path
Kernel	Select the appropriate mode to perform the GroupWise to Exchange migration with Kernel for Novell GroupWise to Exchange software. Default Mode: This mode helps to convert the default opened user mailbox in Novell GroupWise server. Login Mode: This mode helps to access and convert GroupWise mailbox with Online details, Caching Mailbox Path and Remote Mailbox path of the mailbox file. Commanding mode: This mode helps to access and convert GroupWise mailbox without accessing the GroupWise Client.exe. Rems of the mailbox are easy to convert by providing the software with complete mailbox path
www.nucleustechnologies.com	CAPI NUM SECL ;
	Figure 3.3: Using Default Mode

 \mathbf{X} This option is enabled by default in the software.

2. Activate and select the Archive file options to migrate archived emails. Click **Next** button to continue.

Software shows all the existing folders in a tree like structure.

3. Select any of the tabs to view the preview of selected email either in Text or HTML format.





Figure 3.4: Preview Window

Emails, calendar, contacts and other items will be displayed in the left pane of the window. Right pane of the window displays the respective items of the folder selected from the left pane. Bottom pane displays the preview of the item selected from the right pane of the window.

4. Click **Export** button to continue.

Software asks for the Save Options whether to Save in PST or Save in Exchange Server.

Save Options
Please select save option
⊙ Save in PST
◯ Save in Exchange Server
OK Cancel

Figure 3.5: Save Options

5. Select the appropriate radio button and click **OK** button.



3.1.1.1 Saving with PST

To save the GroupWise mailbox items in PST:

1. Select the "Save in PST" radio button and click OK.



Figure 3.6: Saving with PST

2. Define PST Folder Path and PST File Name and click **OK**.

File location		X
PST Folder Path	E:\	
PST File Name:	User1 OK Cancel	

Figure 3.7: Window asking for PST File location

Software starts saving selected folders at the selected location.



Kernel for Novell GroupWise to Exchange - Ver 9.05.01	
Ele Iool Help	
Single Malibox Batch File Export Help -	DATA RECOVERY
Kernel for Novell GroupWise to E	
Step 1: Hide Progress <-You Please select the Conversion Option Migration process detail	can speed up the saving process by hiding the progress - View software help for more details. s
✓ Step 2: Current Progress - (Savin Please select the Mode to connect to GroupWise Malboxes Saving Folder:\$\$\$Malbox Saving Email 60 Log File : C:[Program	g Folder 6 of 31) - (Saving Email 60) - Current folder Name : - \$\$\$)(Mailbox) cl Files)(Kernel for Novell GroupWise to Exchange)/Migration Log)(Monday 04 May 2009 16 38 30.5xt
 Step 3: Preview emails and other kense of converted GroupWise User mailbox Step 4: Select and Save Folder(s) in .PST or Exchange Server Save Stal Saving Email 53 Save Stal Saving Email 55 Save Stal Saving Email 56 Save Stal Saving Email 57 Save Stal Saving Email 57 Save Stal Saving Email 58 Save Stal Saving Email 59 Save Stal Save Stal Saving Email 59 Save Stal 	us : Success
	Saving Email 60 Total Progress : 84%
Kernel	Saving Folder : \$\$\$\$(Maibox\ Total Progress : 19%
www.nucleustechnologies.com	CAP NUM SCRL 3

Figure 3.8: Saving Process

Emails and other items of the user mailbox are saved in new PST file with original folder structure of the Novell GroupWise mailbox.

3.1.1.2 Saving with Exchange Server

To save the GroupWise mailbox items in Exchange Server:

- 1. Select the "Save in Exchange server" radio button and click OK.
- 2. Provide the details for Microsoft Exchange Server, User Name, Password, and Domain Name and then click **OK**.



Evelspec	Correct	inform	ation
Exchange	e bei vei		ation

Microsoft Exchange Server : *	210.109.0.78
Type the name of mailbox set up by your a	administrator. The mailbox name is usually your user name.
User Name: *	testing1
Гуре the password of mailbox set up by yo	our administrator.
Password: *	•••••
Type the Domain Name from which mailbo	ox belongs
Domain Name: *	service

Figure 3.9: Exchange Server Information

Software starts saving the mailbox items in MS Exchange Server user profile.



×

Kernel for Novell GroupWise to Ex	xchange - Ver 9.05.01	
Ele Iool Help		
Single Malibox Batch File Export Help		NUCLEUS DATA RECOVERY
Kernel for Novell		
Step 1: Please select the Conversion Option	Hide Progress <-You can speed up the saving process by hiding the progress - View software help for more details.	
 ✓ Step 2: Please select the Mode to connect to GroupWise Maiboxes ✓ Step 3: Preview emails and other Rems of converted GroupWise User maibox ③ Step 4: 	Current Progress - (Saving Folder 6 of 31) - (Saving Email 60) - Current folder Name : - \$\$\$}(Mailbox) Saving Folder:\$\$\$}(Mailbox) Saving Email 60 Log File : C:{Program Files}/Kernel for Novell GroupWise to Exchange}/Mgration Log)/Monday 04 May 2009 16 38 30.bxt Saving Email 53 Save Status : Success Save Status : Success Save Status : Success Save Status : Success	^
Select and Save folder(s) in .PST or Exchange Server	Saving Email 55 Save Status : Success Saving Email 57 Save Status : Success Saving Email 58 Save Status : Success Saving Email 59 Save Status : Success Saving Email 50 Save Status : Success	
	Saving Email 60 Total Progress : 84%	
Kernel	Saving Folder : \$\$\$\Maibox\ Total Progress : 19%	Stop
www.nucleustechnologies.com		CAP NUM SCRL

Figure 3.10: Saving in progress

Emails and other items of the user mailbox are now saved.

3.1.2 Login Mode

Login mode provides three sub modes: Online, Caching and Remote.

Online Mode

- 1. Select the **Online** radio button to access the GroupWise mailbox in online mode.
- 2. Type the User Id and Password of the mailbox which you want to migrate from Novell GroupWise to Exchange.
- 3. Type the IP address and Port number of the computer where Novell GroupWise Server is installed.



Kernel for Novell GroupWise to	Exchange - Ver 9.05.01	
Eile Iool Help		
Single Mailbox Batch File Export He	leip .	DATA RECOVERY
Kernel for Novel	II GroupWise to Exchange	
🖌 Step 1:	Default Mode	
Please select the	Use Default	
Conversion Option	Login Mode	
🚯 Step 2:	User Id : user2	
Please select the Mode to		
Mailboxes	Address: 192 168 16 18 Port: 456	
Step 3:	Caching malhow nath	
Preview emails and other items of converted	Caching Instatory parts Constant Constant	
GroupWise User mailbox	Creatice manoux path	
Step 4:	Command Line Mode	
Select and Save Folder(s) in .PST or Exchange	Command Line (for advance migration)	
Server	/pr-/E:\grp\user2	
	Migrate Archive items (In case if you want to migrate Archive items)	
	Show Archive	
	Use default Archive path	
	Specify Archive path	
	Select the appropriate mode to perform the GrounWice to Evchance mirration with Kernel for Novell GrounWice to Evchance offware	
	Particle and appropriate mode to perform the strongeness to exchange ingresser multicerter of normal strongeness to exchange software.	
··· · ·	Login Mode: This mode provides sub-modes where mailboxes can be converted with Online details, Caching Mailbox Path and Remote Mailbox path of the	re mailbox file.
Kernel	Commandine mode: I his mode helps to access and convert groupwise malbox without accessing the groupwise Client.exe, items of the malbox are e with complete malbox path	asy to convert by providing the sortware
		Back Next
www.nucleustechnologies.com		CAP NUM SCRL .
		and more the

Figure 3.11: Using Online Mode

4. Click **Next** button to proceed.

Select any of the GroupWise mailbox items to view its contents.

5. Click **Export** button to save the mails.

Software asks for the Save Options whether to Save in PST or Save in Exchange Server.

6. Select the appropriate radio button and click **OK** button.

The saving process is same as described in Section 3.1.1.1 and 3.1.1.2.

Caching Mode

- 1. Select the **Caching mailbox path** radio button to access the GroupWise mailbox in cache mode.
- 2. Type the User Id and Password of the mailbox which you want to migrate from Novell GroupWise to Exchange. Also define the caching mailbox path with the ... button.



Kernel for Novell GroupWise t	o Exchange - Ver 9.05.01
Ele Tool Help	
Single Malbox Batch File Export	DATA RECOVERY
Kernel for Nove	II GroupWise to Exchange
🖌 Step 1:	Default Mode
Please select the	O Use Default
Contrastan option	Login Mode
Step 2: Please select the Mode to	User Id : user2
connect to GroupWise Mailboxes	Password:
Step 3:	Online Address: <u>192.168.16.18</u> Port: <u>456</u>
Preview emails and other	©Caching mailbox path D:\user2
GroupWise User mailbox	Remote mailbox path D:\vikas7
Step 4:	Command Line Mode
Select and Save folder(s) in .PST or Exchange	Command Line (for advance migration)
Server	/pr-/E:\grp\user2
	Migrate Archive Benne (In case if you want to migrate Archive items)
	Show Archive
	Use default Archive path
	Specify Archive path
Kernel	Select the appropriate mode to perform the GroupWise to Exchange migration with Kernel for Novell GroupWise to Exchange software. Default Mode: This mode helps to convert the default opened user malbox in Novell GroupWise server. Login Mode: This mode helps to access and convert GroupWise malbox without accessing the GroupWise Client.exe. Items of the malbox are easy to convert by providing the software with complete malbox path
www.nucleustechnologies.com	CAP NUM SCRL ,

Figure 3.12: Using Caching Mode

- 3. Click **Next** button to proceed.
- 4. Further steps are same as step 5 and 6 of above mentioned **Online Mode**.

Remote Mode

- 1. Select the **"Remote mailbox path"** radio button to access the GroupWise mailbox in remote mode.
- 2. Type the password of the mailbox which you want to migrate and define the remote mailbox path through the ... button.



Kernel for Novell GroupWise to	Exchange - Ver 9.05.01
Ele Iool Help	
Single Malbox Batch File Export	DATA RECOVERY
Kernel for Novel	I GroupWise to Exchange
🗹 Step 1:	Default Mode
Please select the Conversion Option	O Use Default
Step 2: Place calect the Mode to	User Id : User 2
connect to GroupWise Mailboxes	Password: •••• Online Address: 192,168,16.18 Port: 456
Step 3: Preview emails and other items of converted	Caching malbox path Doluser2
GroupWise User mailbox Step 4:	Command Line Mode
Select and Save folder(s) in .PST or Exchange Server	Command Line (for advance migration) /pr-/E:\grp\user2
	Migrate Archive items (In case if you want to migrate Archive items)
Kernel	Default Mode: This mode helps to convert the default opened user malibox in Novell GroupWise server. Login Mode: This mode provides sub-modes where maliboxes can be converted with Online defaults, Caching Malibox Path and Remote Malibox path of the malibox file. Commandine mode: This mode helps to access and convert GroupWise malibox without accessing the GroupWise Client.exe. Items of the malibox are easy to convert by providing the software with complete malibox path Back Mext
www.nucleustechnologies.com	CAP NUM SCRL
	Figure 3.13: Using Remote Mode

Figure 3.13: Using Remote Mode

> Password is required for only those mailboxes which are password protected, otherwise there is no need to provide password for authentication.

3. Rest steps are same as step 5 and 6 of above mentioned **Online Mode**.

3.1.3 Command Line Mode

Command Line mode helps you to access the GroupWise mailbox without opening or accessing the Novell GroupWise.exe and user mailbox account. If you know the path where GroupWise mailbox is saved, then type the path in Command Line mode and access that user mailbox for migration.

- 1. Select **Command Line (for advance migration)** radio button to perform the migration with Command Line Mode.
- 2. Type the User ID, Password and the User GroupWise Mailbox path.



Kernel for Novell GroupWise t	o Exchange - Ver 9.05.01	
Eile Iool Help		
Single Maibox Batch File Export	Pep .	NUCLEUS DATA RECOVERY
Kernel for Nove	II GroupWise to Exchange	
🗹 Step 1:	Default Mode	
Please select the Conversion Option	OUse Default	
 Step 2: Please select the Mode to connect to GroupWise Malboxes Step 3: Preview emails and other items of converted GroupWise User malbox Step 4: Select and Save folder(s) in.PST or Exchange Server 	User Id : user2 Password: ••••• • Online Address: 192.168.16.18 • Online Address: 192.168.16.18 • Caching mailbox path Orluser2 • Remote mailbox path Orluser2 • Command Line Mode • Command Line Mode • Command Line (for advance migration) //pr/E.fgrp/user2 //pr/E.fgrp/user2 Show Archive • Use default Archive path	
Kernel	Select the appropriate mode to perform the GroupWise to Exchange migration with Kernel for Novell GroupWise to Exchange software. Default Mode: This mode helps to convert the default opened user mailbox in Novell GroupWise server. Login Mode: This mode provides sub-modes where mailboxes can be converted with Online details, Caching Mailbox Path and Remote Mailbox path of the Commandine mode: This mode helps to access and convert GroupWise mailbox without accessing the GroupWise Client.exe. Items of the mailbox are e with complete mailbox path	he mailbox file. asy to convert by providing the software Back Next
w.nucleustechnologies.com		CAP NUM SCRL

Figure 3.14: Using Command Line Mode

Remote Novell GroupWise mailbox can be accessed with the switch and the complete path of the mailbox which is required to be migrated.

- 3. Click **Export** button from the toolbar or simply click **Next** button to continue.
- 4. Rest steps are same as steps 5 and 6 of above mentioned **Online Mode**.

3.2 Multiple Mailbox Migration

Multiple Mailbox Migration lets you migrate unlimited GroupWise files at once. Batch file is one medium with which you can easily list and convert unlimited GroupWise user mailboxes at once. Batch file stores records of unlimited GroupWise user mailbox accounts. Creation of batch file eases the task of defining saving location and saving mode for the converted mailboxes in PST or Exchange Server.

3.2.1 Creating .NUCON Batch file

1. Launch Kernel for Novell GroupWise to Exchange Migration File Creator software.



Kernel for Novell GroupWise to Exchange A	Mig	ration File Crea	itor				
Eile Edit <u>V</u> iew <u>H</u> elp							
New Open Save Save As Add Record	ł R	emove emove	Import Excel 🗸		DAT	A RECOVER	
Record Details		Profile Folder	s/File Path				
Properties	~	Mode	User Id	Password	Address	Port	G
GroupWise Properties							
Mode							
User Id							
Password							
Address							
Port							
Caching Mailbox Path							
Remote Mailbox Path	ote Mailbox Path						
	11						
Groupwise Remote login							
User Name	×						
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REKNEL							
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Figure 3.15: Main window of File Creator software

- 2. Select 'Add Record' option from the File menu or click the 'Add Record' button from the tool bar.
- 3. Provide the various related information, as in, user id, password, online, caching mailbox details, etc.



GroupWise Information

User Id			Advance Options This option is used in case if software is not able to access Remote Mailbox Path or Caching Mailbox Path
Password © Online Address		Port	Note : The user name should be followed by domain name Example: domain\username
 Caching Mailbox Path Remote Mailbox Path 			User Name
C Command Line (for advance Archive Details	migration)		Computer Name/Ip:
 Migrate Archive items Use default Archive pat 	th		
C Speciry Path			< Back Next > Cance

Select any of the modes (Online, Caching, Remote, and Command Line) to get access to the GroupWise user mailbox.

4. After filling up all the relevant information, click **Next** button.

As you click **Next**, Kernel for Novell GroupWise to Exchange Migration File Creator software provides saving options: **Save in PST** and **Save in Exchange Server** to choose from it.



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×

Outlook / Exchange Information	×
Save in PST	
PST File Path	
Save in Exchange Server	
Exchange Server Name*	
Exchange Mailbox*	
Password*	
Domain*	
< <u>B</u> ack Finish	Cancel

Figure 3.17: Outlook/Exchange Information

5. Select any of the saving option and provide the details accordingly.



Outlook / Exchange Information	
C Save in PST	
PST File Path E:\ PST File Name Use	2 PST
Save in Exchange Server	
Exchange Server Name*	Server 1
Exchange Mailbox [*]	User 7
Password*	FGDSJ768DSHFVJ
Domain*	SERVICE
	< <u>B</u> ack Finish Cancel

Figure 3.18: Information for Exchange Server

6. Click **Finish** button to continue.

All the created records of the GroupWise User Mailboxes get listed in the software.



Kernel for Novell GroupWise to Exchange Mi	igration File Create	pr							
Eile Edit Yiew Help								IIII	
New Open Save Save As Add Record	Remove Help	Import Excel						NUCLE	US /ERY
Record Details	Profile Folders/	File Path							
Properties	Mode Node	User Id P	assword Addres	; Port	Caching Mailbox	Remote Mailbox	Command Line	User Name	User Pas
	Remote Malbox Remote Malbox Remote Malbox	<empt <<br=""><empt <<br=""><empt <<br=""><empt <<="" th=""><th>Empty> <emp. Empty> <emp. Empty> <emp. Empty> <emp.< th=""><th>. <em <em <em< th=""><th><empty> <empty> <empty> <empty> <empty></empty></empty></empty></empty></empty></th><th>D:\Softyremote D:\vikas2 D:\vikas3 D:\vikas4</th><th><empty> <empty> <empty> <empty></empty></empty></empty></empty></th><th><empty> <empty> <empty> <empty></empty></empty></empty></empty></th><th><empty: <empty: <empty: <empty:< th=""></empty:<></empty: </empty: </empty: </th></em<></em </em </th></emp.<></emp. </emp. </emp. </th></empt></empt></empt></empt>	Empty> <emp. Empty> <emp. Empty> <emp. Empty> <emp.< th=""><th>. <em <em <em< th=""><th><empty> <empty> <empty> <empty> <empty></empty></empty></empty></empty></empty></th><th>D:\Softyremote D:\vikas2 D:\vikas3 D:\vikas4</th><th><empty> <empty> <empty> <empty></empty></empty></empty></empty></th><th><empty> <empty> <empty> <empty></empty></empty></empty></empty></th><th><empty: <empty: <empty: <empty:< th=""></empty:<></empty: </empty: </empty: </th></em<></em </em </th></emp.<></emp. </emp. </emp. 	. <em <em <em< th=""><th><empty> <empty> <empty> <empty> <empty></empty></empty></empty></empty></empty></th><th>D:\Softyremote D:\vikas2 D:\vikas3 D:\vikas4</th><th><empty> <empty> <empty> <empty></empty></empty></empty></empty></th><th><empty> <empty> <empty> <empty></empty></empty></empty></empty></th><th><empty: <empty: <empty: <empty:< th=""></empty:<></empty: </empty: </empty: </th></em<></em </em 	<empty> <empty> <empty> <empty> <empty></empty></empty></empty></empty></empty>	D:\Softyremote D:\vikas2 D:\vikas3 D:\vikas4	<empty> <empty> <empty> <empty></empty></empty></empty></empty>	<empty> <empty> <empty> <empty></empty></empty></empty></empty>	<empty: <empty: <empty: <empty:< th=""></empty:<></empty: </empty: </empty:
	<								2
Ready	Luin.							CAP N	JM SCRL

Figure 3.19: Created Records

7. Click the **Save** button from the tool bar to save the batch file or click the **Save As** button to select and define saving location for the batch file on your computer system.

Save As	? 🔀
Savejn: 🞯	Desktop 🗾 🗲 🛍 💣 🎫
My Docume	nts
My Network	er < Places
File <u>n</u> ame:	NucleusMigrationFile Save
Save as <u>t</u> ype:	Text File (*.nucon)

Figure 3.20: Saving .NUCON file

Kernel for Novell GroupWise to Exchange Migration File Creator software by default creates *.NUCON file extension for the created batch file for multiple mailbox conversion.



3.2.2 Creating Excel Database

Excel datasheet is another way of performing multiple mailbox migration. Information regarding various Novell GroupWise user mailboxes is easily saved to an excel worksheet according to the provided file format. Save details in .XLS file and export it to Kernel for Novell GroupWise to Exchange Migration File Creator software to get it saved to .NUCON batch file.

Excel sheet (.XLS) to be imported should be in the following format.

C				purch	nase-de	epartr	ment.xls [Compatibility M	lode] -	Micro	osoft E	cel					-	= x	
C	Home Insert	Page Layout	Formulas Dat	a Revi	ew	View	Developer									0 -	σx	t
F	Calibri	• 11 • A		Nin fin a	Wrap Merg	Text e & Ce	General senter * \$ * % • \$	+ 000. 0.00	Cond	itional atting *	Format as Table *	Cell Styles *	Insert	Delete Format	∑ - A → Z Sort & Z - Filter - Editin	Find & Select +		
	A17 • (• f _x	*				*										2	:
	А	В	С	D	E	F	G	Н	1	J	K		L	M	N	0	P	
1	Mode	User ID	Password	Address	Port	Cach	Remote Mailbox Path	Comn	User	User P	Compu	PST File	Path	PST File Nam	e Exchange S	Exchar	Excha	
2																		
3	Remote Mailbox Path		901.(OL>	-			D:\user					D:\pst-f	iles	user				
4	Remote Mailbox Path		sdgrfwer				D:\user1					D:\pst-f	iles	user1				
5	Remote Mailbox Path		67383jd				D:\user2					D:\pst-f	iles	user2				
6	Remote Mailbox Path		ewfr				D:\user3					D:\pst-f	iles	user3				
7	Remote Mailbox Path		6yhn^YHN				D:\user4					D:\pst-f	iles	user4				
8	Remote Mailbox Path		235tgv				D:\user5					D:\pst-f	iles	user5				
9	Remote Mailbox Path		34hdaw				D:\user6					D:\pst-f	iles	user6				
10	Remote Mailbox Path		25gsf				D:\user7					D:\pst-f	iles	user7				
11	Remote Mailbox Path		1qaz!QAZ	_			D:\user8					D:\pst-f	iles	user8				
12	Remote Mailbox Path		2wsx@WSX				D:\user9					D:\pst-f	iles	user9				
13	Remote Mailbox Path		^YHN6yhn				D:\user10					D:\pst-f	iles	user10				
14																		ŝ
15																		
16																		
17																		r
14	↔ H NucleusExcelSh	eet / Sheet2	Sheet3						14				- III				•	-
Re	ady 🏭	tend over the structure to												100	% (-)	Ū	-⊕.	-

Figure 3.24: Excel sheet format

- 1. Tab name of the sheet should be **NucleusExcelSheet**.
- 2. Sheet should consist of 19 columns.

Field 1	Mode
Field 2	User ID
Field 3	Password
Field 4	Address
Field 5	Port
Field 6	Caching Mailbox Path



Field 7	Remote Mailbox Path
Field 8	Command Line
Field 9	User Name
Field 10	User Password
Field 11	Computer Name/IP
Field 12	PST File Path
Field 13	PST File Name
Field 14	Exchange Server Name
Field 15	Exchange Mailbox
Field 16	Exchange Server Password
Field 17	Domain
Field 18	Save Archive
Field 19	Archive Path

3. Fill up the fields according to the login type selected amongst

• Online

Following are the mandatory fields to be filled in while using this mode:

- I. User ID: Type the user name of the mailbox.
- II. Password: Type the password of user mailbox.
- III. Address: Type the IP address of the Novell GroupWise Server
- IV. Port: Type the Port Number of the Novell GroupWise Server.
- V. Archive Details: Always type "NO" in this field if you want to migrate the mailbox items only.
- VI. Save in PST: There are two fields in this option:
 - PST File Path
 - PST File Name



If you want to save the migrated items in PST file then type the PST path location in both the fields, otherwise it will be an error.

- VII. Save in Exchange Server: There are four fields in this option:
 - Exchange Server Name
 - Exchange Mailbox
 - Password
 - o Domain

If you want to save the migrated items to the user mailbox on MS Exchange Server, then all the four fields are compulsory, otherwise it would be an error.

NOTE: Only one amongst "Save in PST" and "Save in Exchange Server" should be filled, otherwise software will display an error.

• Caching Mailbox Path

Following are the mandatory fields to be filled in while using this mode:

- I. User ID: Type the user name of the mailbox.
- II. Password: Type the password of user mailbox (if any).
- III. Caching Mailbox Path: Browse and list the path for Caching Mailbox of Novell GroupWise account to be migrated.
- IV. Archive Details: Always type "NO" in this field if you want to migrate the mailbox items only.
- V. Advance Options: Provide details to these fields if you are accessing the Caching mailbox from a network computer. This section will comprise of the login details of the computer in network. There are three fields in advanced options:
- VI. User Name of the network computer where mailbox is saved
- VII. Password of the network computer where mailbox is saved
- VIII. Computer Name/IP of the network computer where mailbox is saved
- IX. Advanced options fields are not compulsory, but recommended. If not filled, it will be shown as a warning.
- X. Save in PST: There are two fields in this option:
 - PST File Path
 - PST File Name



- XI. If you want to save the migrated items in PST file then type the PST path location in both the fields, otherwise it will be an error.
- XII. Save in Exchange Server: There are four fields in this option:
 - Exchange Server Name
 - o Exchange Mailbox
 - o Password
 - o Domain

If you want to save the migrated items to the user mailbox on MS Exchange Server, then all the four fields are compulsory, otherwise it would be an error.

NOTE: Only one amongst "Save in PST" and "Save in Exchange Server" should be filled, otherwise it will be an error.

• Remote Mailbox Path

Following are the mandatory fields to be filled in while using this mode:

- I. Password: Type the password of user mailbox (if any).
- II. Remote Mailbox Path: Browse and list the path of remote mailbox path of Novell GroupWise account to be migrated.
- III. Archive Details: Always type "NO" in this field if you want to migrate the mailbox items only.
- IV. Advance Options: Provide details to these fields if you are accessing the Remote mailbox from a network computer. This section will comprise of the login details of the computer in network. There are three fields in advanced options:
 - a. User Name of the network computer where mailbox is saved
 - b. Password of the network computer where mailbox is saved
 - c. Computer Name/IP of the network computer where mailbox is saved
- V. Save in PST: There are two fields in this option:
 - a. PST File Path
 - b. PST File Name
- VI. If you want to save the migrated items in PST file then type the PST path location in both the fields, otherwise it will be an error.
- VII. Save in Exchange Server: There are four fields in this option:



- a. Exchange Server Name
- b. Exchange Mailbox
- c. Password
- d. Domain
- VIII. If you want to save the migrated items to the user mailbox on MS Exchange Server, then all the four fields are compulsory, otherwise it would be an error.

NOTE: Only one amongst "Save in PST" and "Save in Exchange Server" should be filled, otherwise it will be an error.

• Command Line (for advanced migration)

Following are the mandatory fields to be filled in while using this mode:

- I. User ID: Type the user name of the mailbox.
- II. Password: Type the password of user mailbox.
- III. Command Line: This field is compulsory. If this field is left blank, error will be shown.
- IV. Archive Details: Always type "NO" in this field if you want to migrate the mailbox items only.
- V. Save in PST: There are two fields in this option:
 - PST File Path
 - PST File Name
- VI. If you want to save the migrated items in PST file then type the PST path location in both the fields, otherwise it will be an error.
- VII. Save in Exchange Server: There are four fields in this option:
 - Exchange Server Name
 - Exchange Mailbox
 - Password
 - Domain
- VIII. If you want to save the migrated items to the user mailbox on MS Exchange Server, then all the four fields are compulsory, otherwise it would be an error.

NOTE: Only one amongst "Save in PST" and "Save in Exchange Server" should be filled, otherwise it will be an error.



3.2.3 Importing Excel Database

Once done with the creation of Excel (.XLS) sheet, you are ready to import the same to Kernel for Novell GroupWise to Exchange Migration File Creator and save it as .NUCON file. Follow the given steps:

1. Launch Kernel for Novell GroupWise to Exchange Migration File Creator software.

Kernel for Novell GroupWise to Exchange Mi	gration File (Creator				
<u> </u>						
Image: New Image: Open Image: Save Image: Save <thimage: save<="" th=""> <thimage: save<="" th=""> <thimage: s<="" td=""><td>Remove H</td><td>elp Import Excel 🗸</td><td></td><td>DAT</td><td>A RECOVE</td><td>S RY</td></thimage:></thimage:></thimage:>	Remove H	elp Import Excel 🗸		DAT	A RECOVE	S RY
Record Details	Profile Fo	lders/File Path				
Properties	Mode	User Id	Password	Address	Port	G
GroupWise Properties						
Mode						
User Id						
Password						
Address						
Port Cashina Mailhau Dabh						
Caching Mailbox Path						
E GroupWise Remote login						
User Name	-					
Save						
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Figure 3.25: File Creator software

2. Click **Import Excel** button from the toolbar. Software displays the **Open** window to select the NucleusMigrationFile (.XLS) from the saved location.



Kernel for Novell GroupWise to Exchange Migr	ation File Creator		
<u>Eile E</u> dit <u>V</u> iew <u>H</u> elp			
New Open Save Save As Add Record R	Move Help Import Excel -	NUCLEUS DATA RECOVERY	
Record Details	Profile Folders/File Path		
Properties GroupWise Properties Mode User Id Password Address Port Caching Mailbox Path Remote Mailbox Path Command Line GroupWise Remote logn How Miser Save KERNEL	Mo Open Caching N Look in: groupwise <td <td="" <td<="" th=""><th>Remote Mailbox Command Line </th></td>	<th>Remote Mailbox Command Line </th>	Remote Mailbox Command Line
Den de			
кеаду			

Figure 3.26: Selecting .XLS file

3. Browse and list the excel sheet. As you list the file in software, it displays a window with compilation output for the total records scanned from the excel sheet.

mode	User Password	UserID	Password	Address	Port	
🕥 Online						
🗓 Caching Ma	ib					
📐 Remote Mai	Ь					
🕄 Command Li	ne					
у Online						
💲 Caching Ma	ib					
💁 Remote Mai	Ь					
📡 Command Li	ne					
🔰 Online						
<						>
Compilation (Total Record Total errors f Total warning Description:	lutput: s Scanned: 12 ound: 15 js found: 21					
Compilation (Total Record Total errors f Total warning Description: Record Numt Error: Add Error: Use	Jutput: s Scanned: 12 ound: 15 js found: 21 per: 1: 2 Error(s), ress and Port cant be ler r1D cant be left blank	2 Warning(s) It blank.				
Compilation (Total Record Total errors f Total warning Description: Record Numl Error: Add Error: Use	Jutput: \$ Scanned: 12 ound: 15 js found: 21 per: 1: 2 Error(s), ress and Port cant be left r Cant be left brank No Error(s)	2 Warning(s) It blank.				
Compilation (Total ercors f Total errors f Total warning Description: Record Num Error: Add Error: Use /here:	Jutput: s Scanned: 12 ound: 15 js found: 21 per: 1: 2 Error(s), ress and Port cant be left r ID cant be left blank No Error(s) Error(s) only, No warning	2 Warning(s) ít blank. ng(s)				
Compilation (Total Record Total varning Description: Record Numb Error: Add Error: Use /here:	Jutput: s Scanned: 12 ound: 15 js found: 21 per: 1: 2 Error(s), ress and Port cant be left r Do cant be left blank No Error(s) Error(s) only, No warnin Warning(s) only, No Fr	2 Warning(s) ft blank. ng(ŝ) rror(s)				



Figure 3.27: Compilation Output

4. Modify the excel sheet as per the compilation output provided by the software. If there are no errors then click **OK** to proceed.

Saved mailbox details get listed in the software.

Kernel for Novell GroupWise to Exchange Mig	gration File Creat	or						
Ele Edit View Help New Open Save Save As Add Record	Remove Help	Import Excel -				D	NUCE	US ERY
Record Details	Profile Folders/	File Path						
Properties GroupWise Properties Mode User Id Password Address Port Caching Mailbox Path Remote Mailbox Path Command Line GroupWise Remote login	Mode Remote Mailbox Remote Mailbox	User Id Password	Address Port	Caching Mailbox	Remote Mailbox D:\vikas9 D:\vikas4 D:\Soft\remote	Command Line	User Name	User Pas
	<							>
Ready							CAP NL	JM SCRL 🚑

Figure 3.28: Listing of Mailboxes

- 5. Click the **Save As** button from the toolbar to save the listed items as .NUCON batch file at appropriate location.
- 6. Launch Kernel for Novell GroupWise to Exchange Migration software- main application and select the option to convert batch of GroupWise Mailboxes and list the .NUCON batch file for migration.

3.2.4 Using .NUCON Batch file for Multiple Mailbox Migration

Now that the .NUCON Batch file has been created, you can easily perform the multiple mailbox migration with the help of .NUCON file. Follow the simple steps given below:

1. Launch Kernel for Novell GroupWise to Exchange software. The main window appears as





Figure 3.21: Main window

2. Select the "Select this option to convert batch of GroupWise mailboxes" radio button and click Next button.

The "Open" window gets displayed.



Open						? 🔀
Look jn:	🞯 Desktop		*	6 🕫	بي 🥙	
My Recent Documents	Hy Documents My Computer My Network Pla	ices onFile.nucon				
My Documents						
My Computer						
	File <u>n</u> ame:	NucleusMigrationFile.nucon			~	<u>Open</u>
My Network	Files of type:	Kernel Exchange details(*.nuc	con)		~	Cancel

Figure 3.22: 'Open' window

3. Select the batch file of .NUCON file extension and click the "Open" button.

Step 1: Please select the	Select File								
Conversion Option	Mode	User Id	Password	Address	Port	Caching Mailbo	Remote Mailbo	Command Line	User
Sten 2:	Remote Mailbox	<empty></empty>	<empty></empty>	<empty></empty>	<empty></empty>	<empty></empty>	D:\vikas	<empty></empty>	<emp< td=""></emp<>
Please select the Mode to	Remote Mailbox	<empty> <empty></empty></empty>	<empty></empty>	<empty> <empty></empty></empty>	<empty></empty>	<empty> <empty></empty></empty>	D:\Copy of vikas D:\Copy (2) of	<empty> <empty></empty></empty>	<emp< td=""></emp<>
connect to GroupWise Mailboxes		can get y					- ,		
Step 3:									
Preview emails and other items of converted GroupWise User mailbox									
Step 4:									
Select and Save folder(s) in .PST or Exchange Server									
in .PST or Exchange Server									

Figure 3.23: .NUCON file listed



4. Click the **Export** button to perform the migration of unlimited GroupWise mailboxes to PST or Exchange Server.

After that the software starts the saving process and saves the converted items at the defined location.

The saving process is same as described above in Single Mailbox Migration section.

3.2.5 Saving with Exchange Server (for multiple mailbox conversion option)

Save in Exchange Server option for multiple mailbox conversion is pre-defined while creating the batch file of unlimited user mailboxes records in Kernel for Novell GroupWise to Exchange Migration File Creator software. Following is the process which gets followed while saving the files in MS Exchange Server user profiles:

1. Click the radio button 'Select this option to convert batch of GroupWise Mailboxes'.



Figure 3.29: Main Window

- 2. Click 'Next' to continue.
- 3. List the .NUCON file (the created batch files) with **Select File** button.



Step 1: Please select	the	Select File						
Conversion O	ption	User Passw	Pst file path	Pst file name	Exchange Server Name	Exchange Mailbox	Password	Domain
Gten 2		12!@qwer	<empty></empty>	<empty></empty>	202.145.0.45	testingS	11!!zxc	service
Please select	the Mode to	12!@qwer 12!@gwer	<empty></empty>	<empty></empty>	202.145.0.45	testing4 testing3	11!!zxc	service
connect to Gr Mailboxes	oupWise	Trig diret	Sumper 2	Samper >		Costingo		Jer nee
Step 3:								
Preview email	s and other							
items of conv GroupWise Us	erted ser malbox							
Step 4:								
Select and Sa in .PST or Exc Server.	ve folder(s) hange							

Figure 3.30: Listing of .NUCON file

4. Click the **Export** button.

Software will start saving the files in the defined Exchange Server user profiles.

After successful saving, Kernel for Novell GroupWise to Exchange Server will display the "Saving Complete" message which means that emails and other items of Novell GroupWise mailbox are saved successfully to the User mailbox on MS Exchange Server.



4. Advanced Options to make the Migration More Efficient

Advanced options are provided in Kernel for Novell GroupWise to Exchange software for the user to ease the task of email migration from Novell GroupWise to Exchange mailboxes or PST files, as per the requirement.

4.1 Migration of Archived Emails

Kernel for Novell GroupWise to Exchange features migration of archived items of GroupWise user mailbox(s). Activate the **Show Archive** checkbox from the "Migrate Archive items" section. Following two options are provided for migration of archived items:

- Use default Archive path: This option takes the default archive file location of the default user profile configured and opened in Novell GroupWise client.
- **Specify Archive path**: This option takes the file path specified by you for archived file for user mailboxes other than the default one.
 - If you have selected Login Mode(s) or Command Line mode then you should always use Specify Archive path option to define archive file location of the user mailbox listed in Login or Command Line fields. If Use default Archive path option is selected, then the software will display the archived items of default user profile configured in GroupWise for migration.

> When you opt for archive migration, software will list only the archived file items for preview and saving. Other mailbox items are not displayed when you select to migrate archived items.



(b) Dot by Do	Kernel for Novell GroupWise to) Exchange - Ver 9.05.01
<form> A Constant of the second of the sec</form>	Elle Iool Help	
Sense to encode the construction of	Single Malbox Batch File Export	
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 ✓ Stap 2: Mass staket the hole body will be a body wil	Please select the Conversion Option	O Use Default Login Mode
Seciefy Archive path D:\vikas\archive	 Step 2: Please select the Mode to connect to GroupWise Malboxes Step 3: Preview emails and other Rems of converted GroupWise User mailbox Step 4: Select and Save folder(s) in .PST or Exchange Server 	User Id : Password: Online Address:Port: Caching mailbox path @ Remote mailbox path D:\vikas Command Line Mode Command Line (for advance migration) Command Line (for advance migration) Migrate Archive Rems (In case if you want to migrate Archive Rems) @ Show Archive O Use default Archive path
www.nudeustechnologies.com CRP NUM SCR	Kernel	Specify Archive path D:\vikas\archive Interview D:\vikas\archive Interview Interview Select the appropriate mode to perform the GroupWise to Exchange migration with Kernel for Novell GroupWise to Exchange software. Default Mode: This mode helps to convert the default opened user malbox in Novell GroupWise server. Login Mode: This mode provides sub-modes where malboxes can be converted with Online details, Caching Malbox Path and Remote Malbox path of the malbox file. Commandline mode: This mode helps to access and convert GroupWise malbox: without accessing the GroupWise Clent.exe. Items of the malbox are easy to convert by providing the software with complete malbox: path Default Default
	www.nucleustechnologies.com	CAPI NUM SCR

Figure 4.1: Select Archive Option

4.2 Migration of all Address Books

Kernel for Novell GroupWise to Exchange enables migration of all the address books at a go.

Once the .NUCON file is selected for export, software starts the process of saving. Before starting the process, software displays the message for address book migration.

Do you want to export address book also?

Kernel f	for Novell GroupWise to Exchange 🔣
⚠	Do you want to export addressbook also?
	Yes No

Figure 4.2: Message asking for exporting address book

Click 'Yes' if you want to export address book, otherwise 'No' if you do not want to.



4.3 Folder Selection for Batch Migration of GroupWise Mailboxes

Advanced options help you to select/deselect various options that filter your migration process.

To view and implement advance options select Advance Options from Tool menu.

 Export into existing folders in Exchange Mailbox Prompt for folder selection for each mailbox, while using batch file mode Show all address books Advance settings for Sent Items Do not save Calendar items in Calendar view Change the name of GroupWise folders while migrating to Outlook or Exchange Default GroupWise Folders GroupWise Folders Mailbox Trash Trash Trash Trash Trash Trash Checklist Checklist 	Advance Options								
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Mailbox Mailbox Inbox Trash Trash Deleted Items Work In Progress Work In Progress Drafts Checklist Checklist Tasks		Default GroupWise Folders	GroupWise Folders	Outlook / Exchange Folders					
Trash Deleted Items Work In Progress Work In Progress Checklist Checklist		Mailbox	Mailbox	Inbox					
Work In Progress Work In Progress Drafts Checklist Checklist Tasks		Trash	Trash	Deleted Items					
Checklist Checklist Tasks		Work In Progress	Work In Progress	Drafts					
		Checklist	Checklist	Tasks					
	1								
Use Default Apply									
OK Cancel									

Figure 4.3: Advance Options

4.3.1 Export into existing folders in Exchange Mailbox

Select this option, if you want to save the migrated items into existing folders of MS Exchange Server user mailbox.

In case of migrating items from orphan GroupWise folders: for any folder which exists in GroupWise mailbox but does not exist in the Exchange server mailbox, software will create a new folder of its original name in Exchange mailbox and export items to that folder.



4.3.2 Prompt for folder selection for each mailbox, while using batch file mode

Software enables you to select desired folders for saving during batch file migration process. You can select appropriate folders for saving while performing migration with Kernel batch file of multiple mailboxes at once.

Folder Selection					
Please select desired folder(s)					
Folder Name	^				
✓ All AddressBook Contacts\					
✓ Trash\					
S\$\$\Cabinet\E-mail from Outlook Express-imported\Outbox\Outbox\					
S\$\$\Cabinet\E-mail from Outlook Express-imported\Outbox\					
S\$\$\Cabinet\E-mail from Outlook Express-imported\Inbox\					
✓ \$\$\$\Cabinet\E-mail from Outlook Express-imported\Drafts\					
✓ \$\$\$\Cabinet\E-mail from Outlook Express-imported\Deleted Items\					
\$\$\$\Cabinet\New Folder\	~				
	>				
Never show this dialog again and save all folders					
OK Cancel					

Figure 4.4: 'Folder Selection' window

The Folder Selection window appears during the batch migration process, when Prompt for folder selection for each mailbox, while using batch file mode checkbox is selected. From this window, you can select the folders to save. If you do not want this dialog box to appear again and again, select the Never show this dialog again and save all folders or deselect the "Prompt for folder selection for each mailbox, while using batch file mode checkbox" from Advance Options. By this all the folders which exist in the mailbox will get saved automatically and software will not prompt you to select or deselect the folders.

4.3.3 Show all Address Books

Select this checkbox to view all the address books of GroupWise mailbox during mailbox preview before saving the items.

4.3.4 Advance Settings for Sent Items

Select this checkbox to activate advance settings for Sent Items conversion. If in case, the Sent Items folder emails are listed and converted slowly, then select this option to make it fast. Kernel for Novell GroupWise to Exchange software speeds-up the migration process with this option.



4.3.5 Do not save Calendar items in Calendar view

Select this checkbox to save the migrated calendar items in list view in MS Outlook instead of the default calendar view.

4.4 Modifying GroupWise Folder Names as per Outlook/Exchange

You can change the folder names of GroupWise mailbox while migrating to MS Outlook or MS Exchange Server.

Advance Options 🛛 🔀								
Export into existing folders in Exchange Mailbox								
Prompt for folder selection for each mailbox, while using batch file mode								
Show all address books								
Advance settings for Sent Items								
Uo not save Lalendar items in Lalendar view								
Change the name of GroupWise folders while migrating to Outlook or Exchange								
	Default GroupWise Folders	GroupWise Folders	Outlook / Exchange Folders					
	Mailbox	Mailbox	Inbox					
	Trash	Trash	Deleted Items					
	Work In Progress	Work In Progress	Drafts					
	Checklist	Checklist	Tasks					
Use Default Apply								
OK Cancel								

Figure 4.5: Modifying GroupWise Folder Names

Select the checkbox "Change name of GroupWise folders while migrating to Outlook or Exchange" to activate the section where Default GroupWise Folders name, GroupWise folders and Outlook/Exchange Folders are listed. From here you can easily modify the folder names of GroupWise mailbox and MS Outlook/MS Exchange Server mailboxes for migration. After that click **Apply** button and then **OK** button.

This option is supportive to Unicode language folder migration.



5. Difference between Evaluation and Full Version

The free to download Evaluation version of Kernel for Novell GroupWise to Exchange is fully functional in its conversion capabilities.

It converts your Novell GroupWise mailboxes and saves them in PST file or in MS Exchange Server mailbox. The demo version shows complete preview of the converted emails with data but will save only first 10 emails per folder existing in the User Mailbox to PST or MS Exchange Server.

Purchasing the Full version delimits the saving restrictions and saves as many user mailboxes as required by the user.



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6. Purchase and Support

6.1 Purchase Kernel for Novell GroupWise to Exchange

You must purchase Kernel for Novell GroupWise to Exchange software in order to save entire converted email messages of Novell GroupWise mailboxes. The free evaluation version of Kernel for Novell GroupWise to Exchange software lets you save 10 emails per folder of the converted GroupWise mailbox.

You can purchase the Kernel software through Nucleus Data Recovery website:

http://www.nucleustechnologies.com/buy-groupwise-to-exchange.php (encrypted and secure site)

Payment and Delivery

Purchase the Kernel software with our authorized resellers which provide number of payment options for your ease - Paypal, FAX, Credit Card, E-cheque, Pay Order etc. For other methods, please email us to **sales@nucleustechnologies.com**

After making the purchase transaction with our resellers, we send you an email which consists of activation details and download link of the full version comprising of activation code. This email is sent to the mail address which you have used while processing the purchase transaction with our resellers.

Important: It is advised to avoid using false email address while making the purchase transaction.

6.2 Support Options for Kernel for Novell GroupWise to Exchange

Web Support

Online Help:

If you have queries relating to the use of Kernel for Novell GroupWise to Exchange software, you can visit our online help to have some more clarification to the usage of the software.

Online Help: http://www.nucleustechnologies.com/Online-Helps.html

Knowledgebase:

There is extensive knowledgebase which deals with common queries relating to the software:

Visit knowledgebase: http://www.nucleustechnologies.com/supportdesk/

Chat Support:

You can also get the help of our experts online by visiting our chat support section. You can communicate directly to our experts online.

Chat Support: http://www.nucleustechnologies.com/Support.html



Telephone Support

Helpline:

+91-9818725861

- 1-866-348-7872 (Toll Free USA/CANADA)
- **Email Support**
- For Sales: sales@nucleustechnologies.com
- For Support: support@nucleustechnologies.com

For General Queries: contact@nucleustechnologies.com



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