

Secure Backup against Ransomware in Miracle

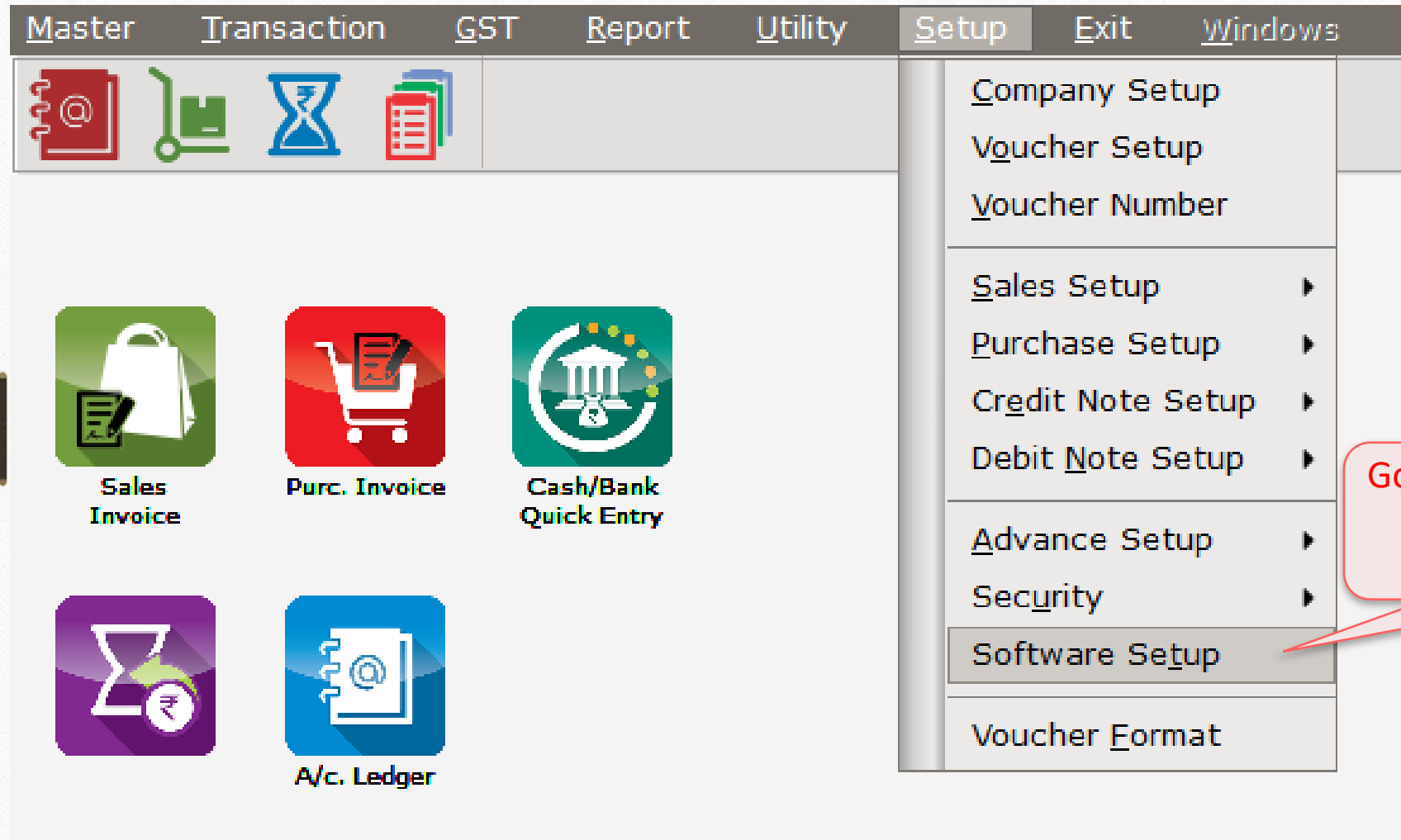
RANSOMWARE



- ❖ The “WannaCry ransomware” attack was a worldwide cyberattack by the WannaCry ransomware crypto worm in last year of May month (2017), which targeted many computers running the Microsoft Windows operating system by encrypting data and demanding ransom payments.
- ❖ The attack was estimated to have affected more than 2,00,000 computers across 150 countries. The four most affected countries were Russia, Ukraine, India and Taiwan.



- ❖ To protect our Miracle's important data from this kind of attack, Miracle provides a modern feature that will keep our data backup safe in a secured folder.
- ❖ So let's see how this facility will work:
 - Setup for Secured Backup against Ransomware.
 - Take a Backup as usually we take.
 - How to restore the backup from the Secure Folder?



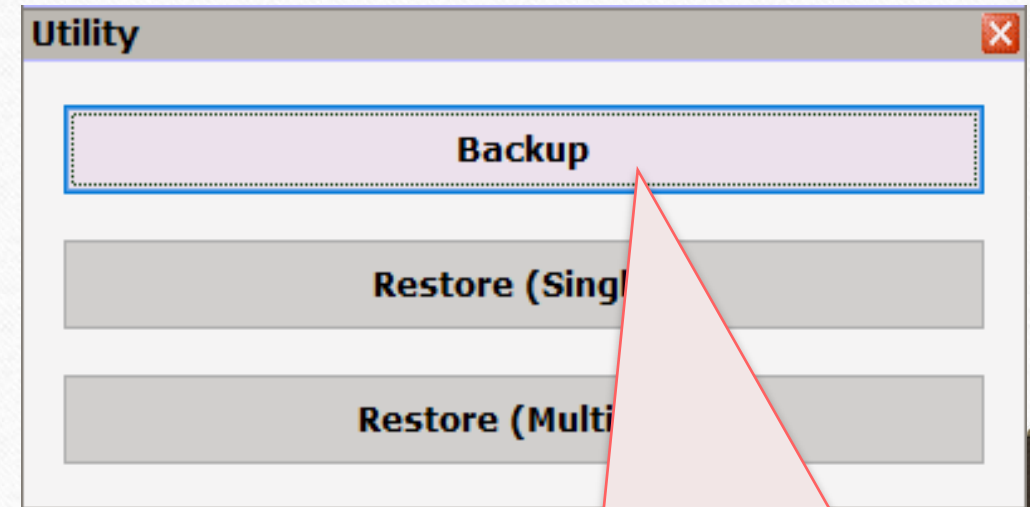
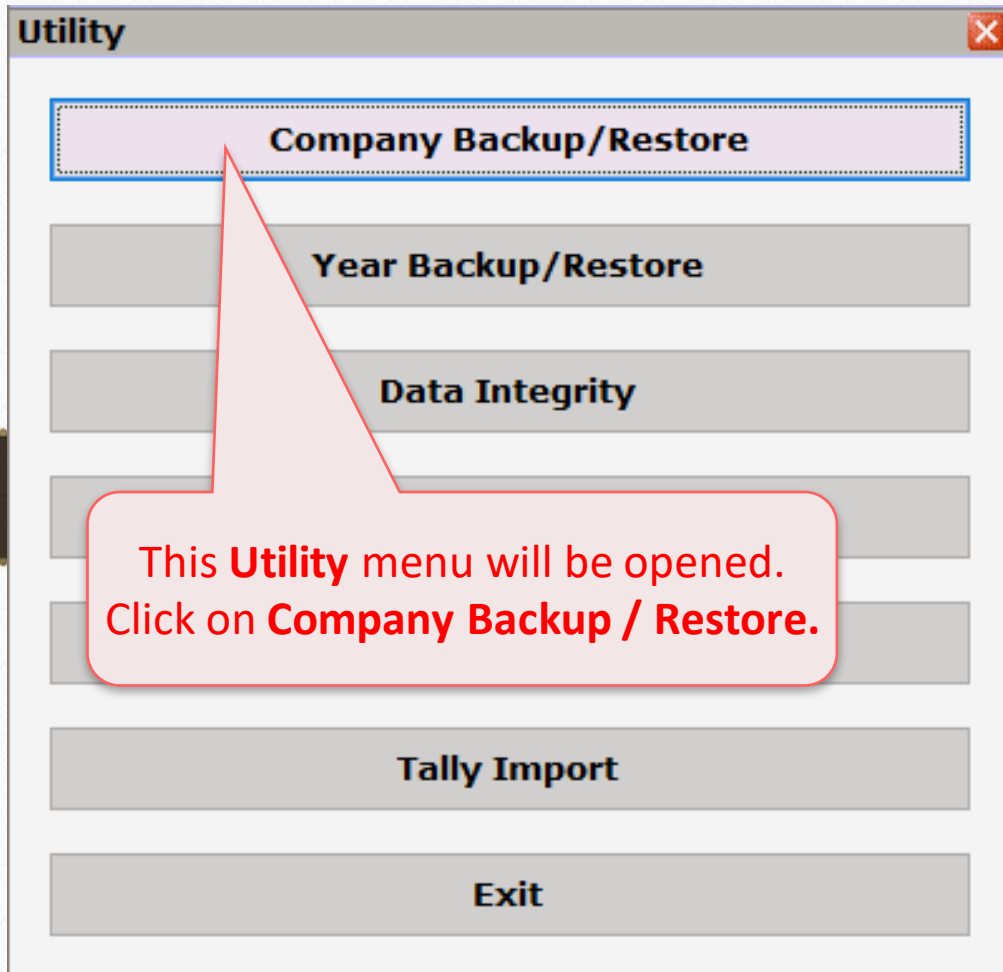
Setup -> Software Setup -> Software Setup

Category	Description	Value
Software Setup	Backup Options	
	Auto Backup	Ask
	Daily/Monthly Backup	Daily
	Secure Backup against Ransomware	Yes
	Language Options	
	Multi Language Support Required	No
	Activation Key	Cap
	Gujarati KeyBoard Layout	Pho
	Hindi KeyBoard Layout	Pho
	Other Options	
	Security Type	
	Before Company Password Required?	
	LAN Server Computer Name	
	Temporary Path	
	Company List	
	Default Search Type in Popup/Report	Default
	Android Synchronization Option	
	Android Synchronization Required	

By default, **Yes** is selected to take a “Secure Backup against Ransomware”.

But If we select **No**, we will not able to take a secured backup.

To take Companies' Backup,
click on **Utility** button or press
Short cut key: "Ctrl + U".



While taking backup of a company / companies, select **Internal Path** always to store backup in secured folder.

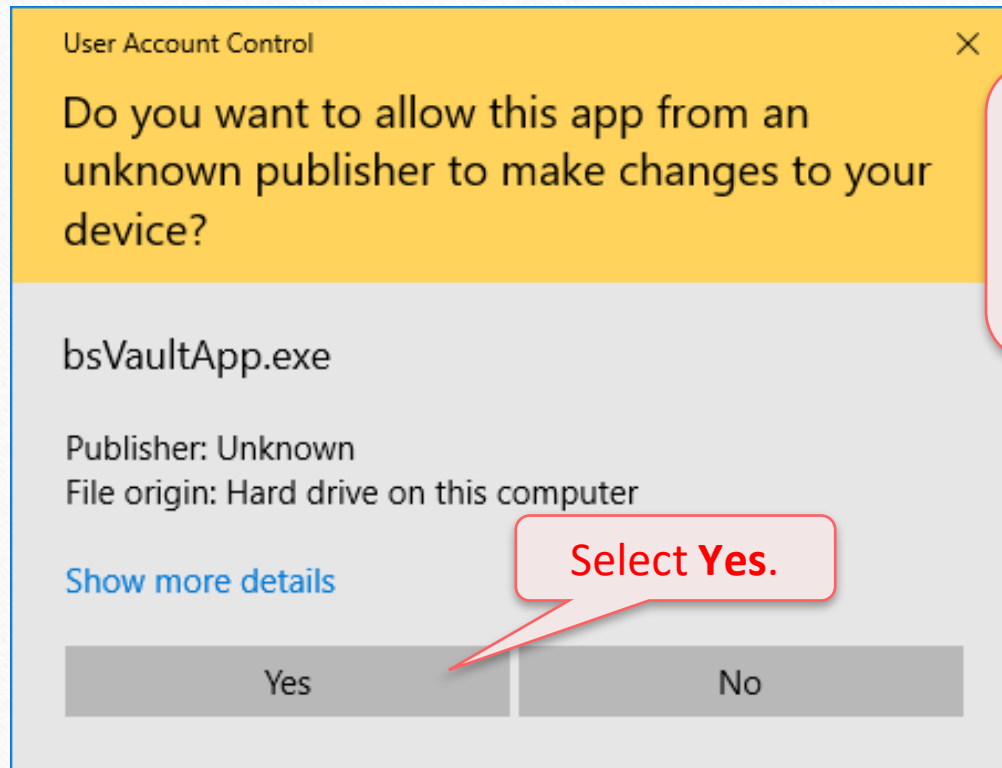
The screenshot shows a 'Backup Utility' window with a 'Backup' button highlighted. Below it is a 'Restore (Single)' button. In the foreground, a 'Backup' dialog box is open. It has a 'Company Name' text field and three radio buttons: 'Internal' (selected), 'Other Path', and 'E-Mail'. Below the radio buttons is a table with two columns: 'No.' and 'Company Name'. The table contains the following data:

No.	Company Name
* 1	Miracle Demo
* 2	GST Payment Assistant
* 3	Android App Demo
* 4	Miracle Report Demo
* 5	Tulsi Prov. Store
* 6	TIRUPATI FORGINGS
* 7	PriceList Demo
* 9999	Welcome To Miracle (GST)

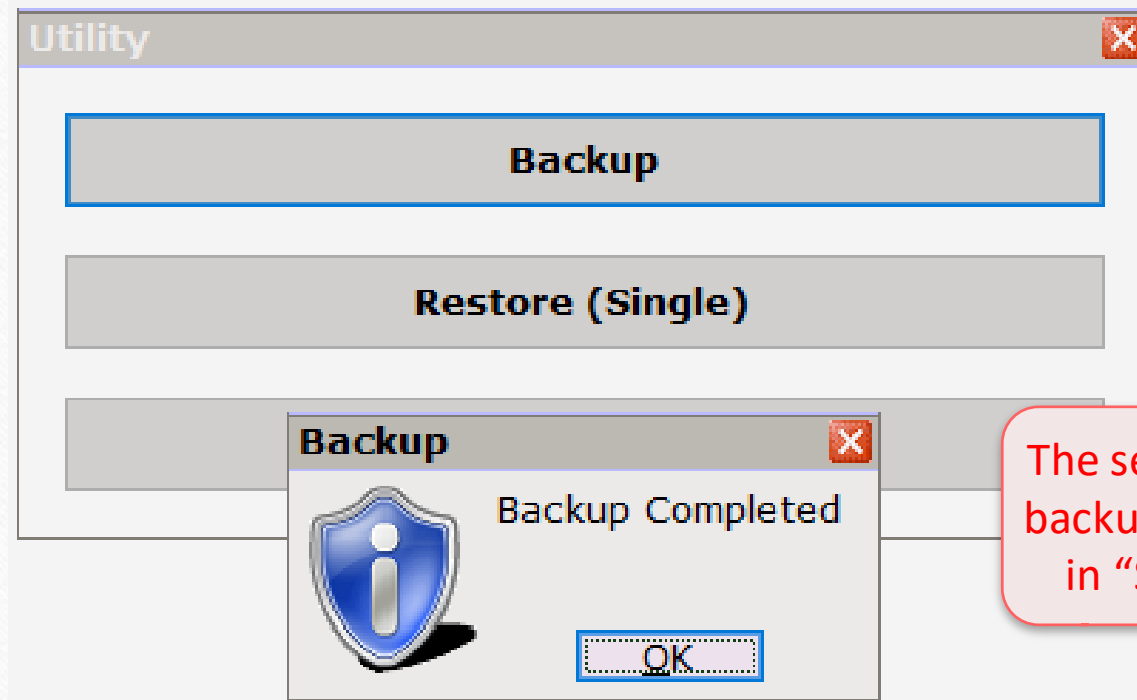
Select Companies and then press "Tab" key.

The image shows a 'Backup' dialog box with a title bar containing the text 'Backup' and a close button (X). The dialog contains the following elements:

- A 'Company Name' label followed by a text box containing '[Selected]'.
- A group box containing three radio buttons:
 - ☒ **Internal**: This option is selected. The text 'Internal' is underlined.
 - ☐ **Other Path**
 - ☐ **E-Mail**
- Text boxes for backup paths:
 - Next to 'Internal': E:\MIR90BACKUP
 - Next to 'Other Path': C:\USERS\CHIRAG.K\DESKTOP\BCKUP\
 - Next to 'E-Mail': (empty)
- A button with three dots (...) to the right of the 'Other Path' text box.
- An 'OK' button at the bottom center, which is highlighted with a blue dashed border.
- A red callout bubble pointing to the 'OK' button with the text: 'Press **OK** button to take Backup.'

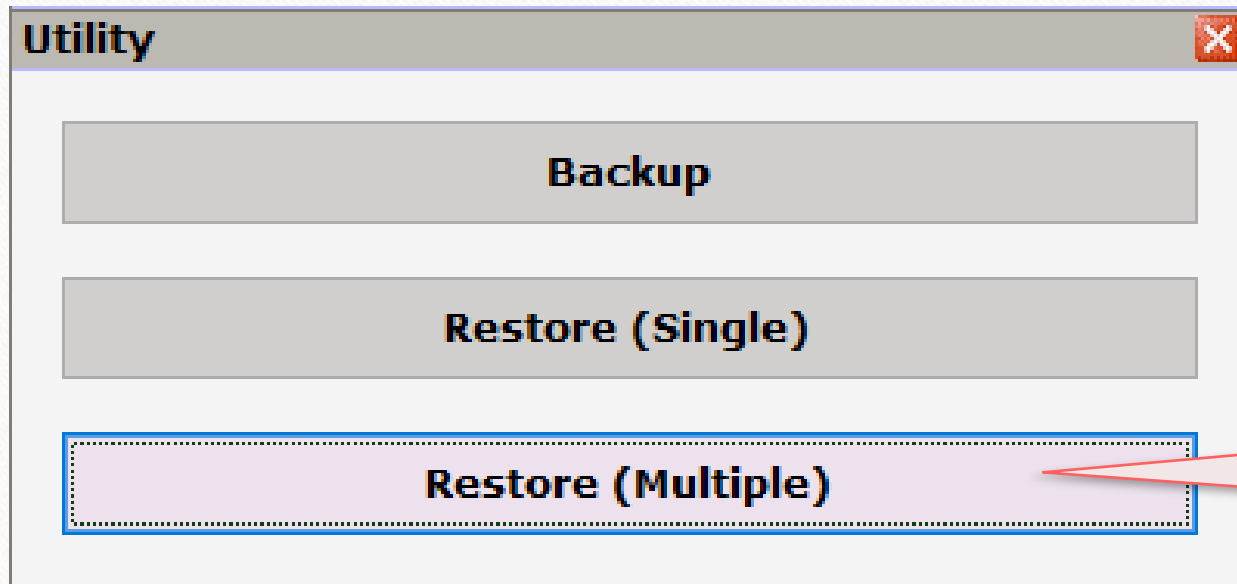


If we are taking the Secure Backup against Ransomware first time, the pop up will be appeared to install the .exe File before the Backup process.



The selected companies backup have been taken in "Secured Folder".

Click on **Utility** button (Ctrl + U) to restore the backup which have taken in Secured Folder.



Click on **Restore (Multiple)** to restore multiple Companies.

We can not able to see company's backup first as it is corrupted by Ransomware.

Now press “Shift + F5” to **restore** backup from the secure folder.

After pressing "Shift + F5", we will see the **list of backup** of companies which we have taken before.

BackUp List From Secure Folder

	No.	Company Name	Date	Time	Size	Version
	1	Miracle Demo	31/10/18	16:41:48	88.46	0.0
*	2	GST Payment Assistant	31/10/18	16:41:48	732.02	0.0
*	3	Android App Demo	31/10/18	16:41:49	765.34	0.0
*	4	Miracle Report Demo	31/10/18	16:41:50	1656.21	0.0
*	5	Tulsi Prov. Store	31/10/18	16:41:50	727.14	0.0
*	6	TIRUPATI FORGINGS	31/10/18	16:41:51	1661.35	0.0
*	7	PriceList Demo	31/10/18	16:41:51	793.81	0.0
	9999	Welcome To Miracle (GST)	31/10/18	16:41:53	850.17	0.0

Size (Kb) Version Dest. Co

Copy

Select required company backup which we want to restore and click on **Copy** button.

Company No Show Daily Backup Show Monthly Backup

BackUp List From Secure Folder

No.	Company Name	Date	Time	Size	Version
1	Miracle Demo	31/10/18	16:41:48	88.46	0.0
* 2	GST Payment Assistant	31/10/18	16:41:48	732.02	0.0
* 3	File Path			.34	0.0
* 4				.21	0.0
* 5				.14	0.0
* 6				.35	0.0
* 7				.81	0.0
9999	Welcome To Mir (GST)	31/10/18	16:41:53	850.17	0.0

File Path: C:\MIR90BACKUP\

Ok

Copy

Size (Kb) Version Dest. Cor

Company No Show Daily Backup Show Monthly Backup

Selected company / companies' backup, will be copied to Default Path.
Select the path and then click on "OK" button.

Restore

☒ Internal ☐ Other Path ☐ E-Mail

Company Name

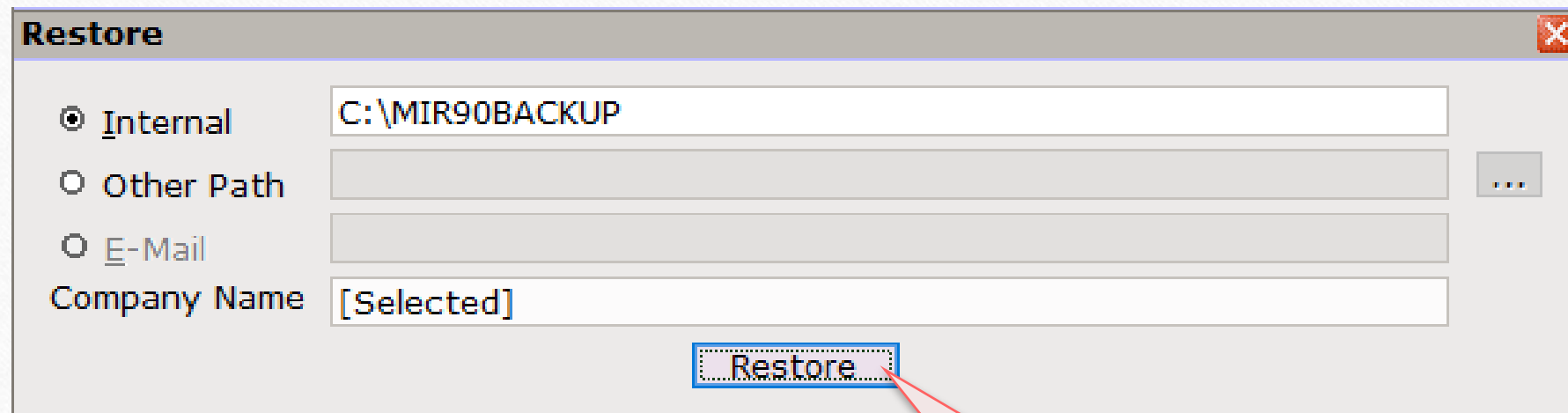
C:\MIR90BACKUP

No.	Company Name	Date	Time	Size (Kb)	Version	Dest. Co
* 2	GST Payment Assistant	31/10/18	17:00:56	732.02	0.0	2
* 3	Android App Demo	31/10/18	17:00:56	765.34	0.0	3
* 4	Miracle Report Demo	31/10/18	17:00:56	1656.21	0.0	4
* 5	Tulsi Prov. Store	31/10/18	17:00:56	727.14	0.0	5
* 6	TIRUPATI FORGINGS	31/10/18	17:00:56	1661.35	0.0	6

Company No Show Daily Backup

After clicking on "OK" button,
select again Internal Path option.

We will get those backup of the
companies which were selected.
Select the company/companies and
press **TAB**.



The screenshot shows a 'Restore' dialog box with a title bar containing the word 'Restore' and a close button. Inside the dialog, there are three radio buttons: 'Internal' (selected), 'Other Path', and 'E-Mail'. To the right of the 'Internal' radio button is a text field containing 'C:\MIR90BACKUP'. To the right of the 'Other Path' radio button is an empty text field with a browse button (three dots) to its right. To the right of the 'E-Mail' radio button is an empty text field. Below these options is a 'Company Name' label followed by a text field containing '[Selected]'. At the bottom center of the dialog is a 'Restore' button, which is highlighted by a blue dashed border. A red callout bubble points to this button with the text 'Now, click on "Restore" button.'

Restore

☒ Internal C:\MIR90BACKUP

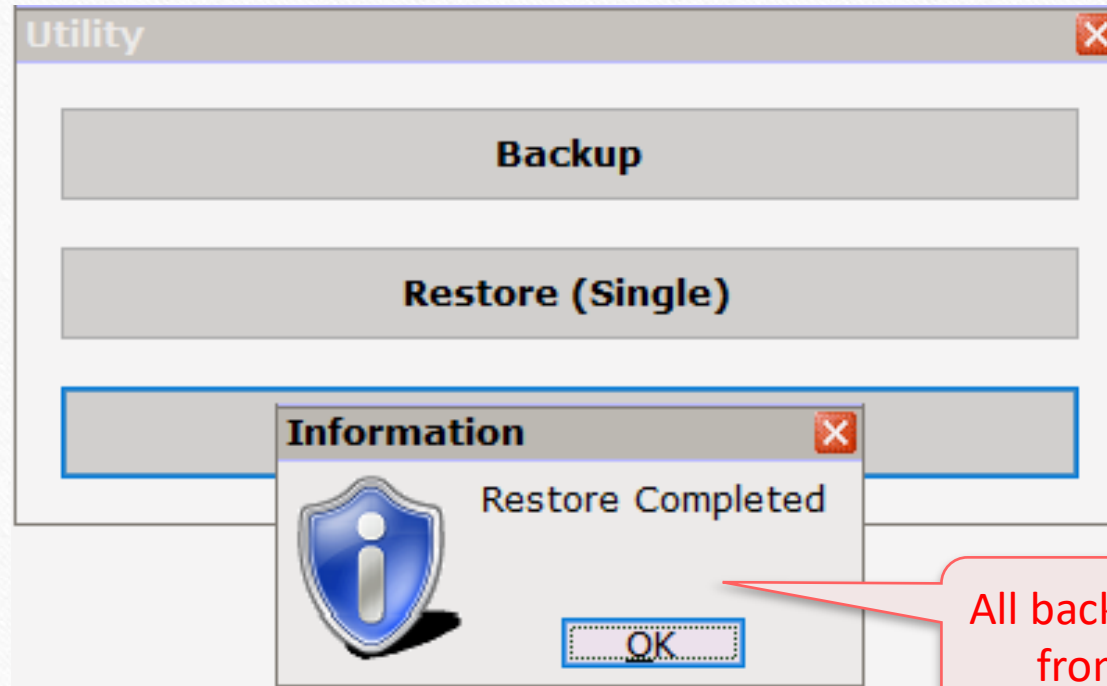
☐ Other Path

☐ E-Mail

Company Name [Selected]

Restore

Now, click on "Restore" button.



All backups will be restored from secured folder.

Company List

Path: C:\MIRACLE9030\

No.	Company Name
2	GST Payment Assistant
3	Android App Demo
4	Miracle Report Demo
5	Tulsi Prov. Store
6	TIRUPATI FORGINGS
9999	Welcome To Miracle (GST)

Restored companies can be seen here.

In this way, we can protect our Miracle data from Ransomware virus ("WannaCry" or any other harmful virus).

Note: This feature has been fully tested and it will almost keep secured the Miracle Backup but it is adviceable to always keep your backup in another System, External Hard Drive or in Pen drive.

Add Edit Print Year Index Order Utility Combine Groupwise Group Ad. Option

TESTIMONY



Date: 12-11-2018

Cust ID: MS-24581

Firm Name: Export Toolings (Vasai Road, Maharashtra)

Contact Person: Mr. Murtuza

Above mentioned customer's system was corrupted by the Ransomware Virus. His data was affected by the virus and all the data were encrypted.

Fortunately, he had taken the Miracle's Backup using "Secure Backup against Ransomware" facility of Miracle Software. So, his data successfully restored in Miracle.



thank you!