The Burning Question …

Why computer users don't do it

- ▪ Time consuming
- ▪ Confusing user interface
- ▪ Unclear as to what is being backed up

Objectives for Choosing Backup Software

1. Free software

2. Included as part of Microsoft Windows **Failed!**

3. Single package for data backup and system image **Failed!**

Reasons for Failure

Software	Data Backup		System Image	
	Time	Space	Time	Space
Windows Backup & Restore	1 hr. 26 min.	28.7 GB	> 3 hrs.	145.53 GB
Alternative - EaseUS Todo*	20 min 23 sec	13.4 GB	**1 hr. 20 min**	**113.66 GB**
Alternative - Macrium Reflect **			1 hr. 29 min	110.63 GB
Copy & Paste	1 hr. 9 min.	17.1 GB		

* Unable to recover image. Error message: "No TB service is running"

** Free version provides image backup only
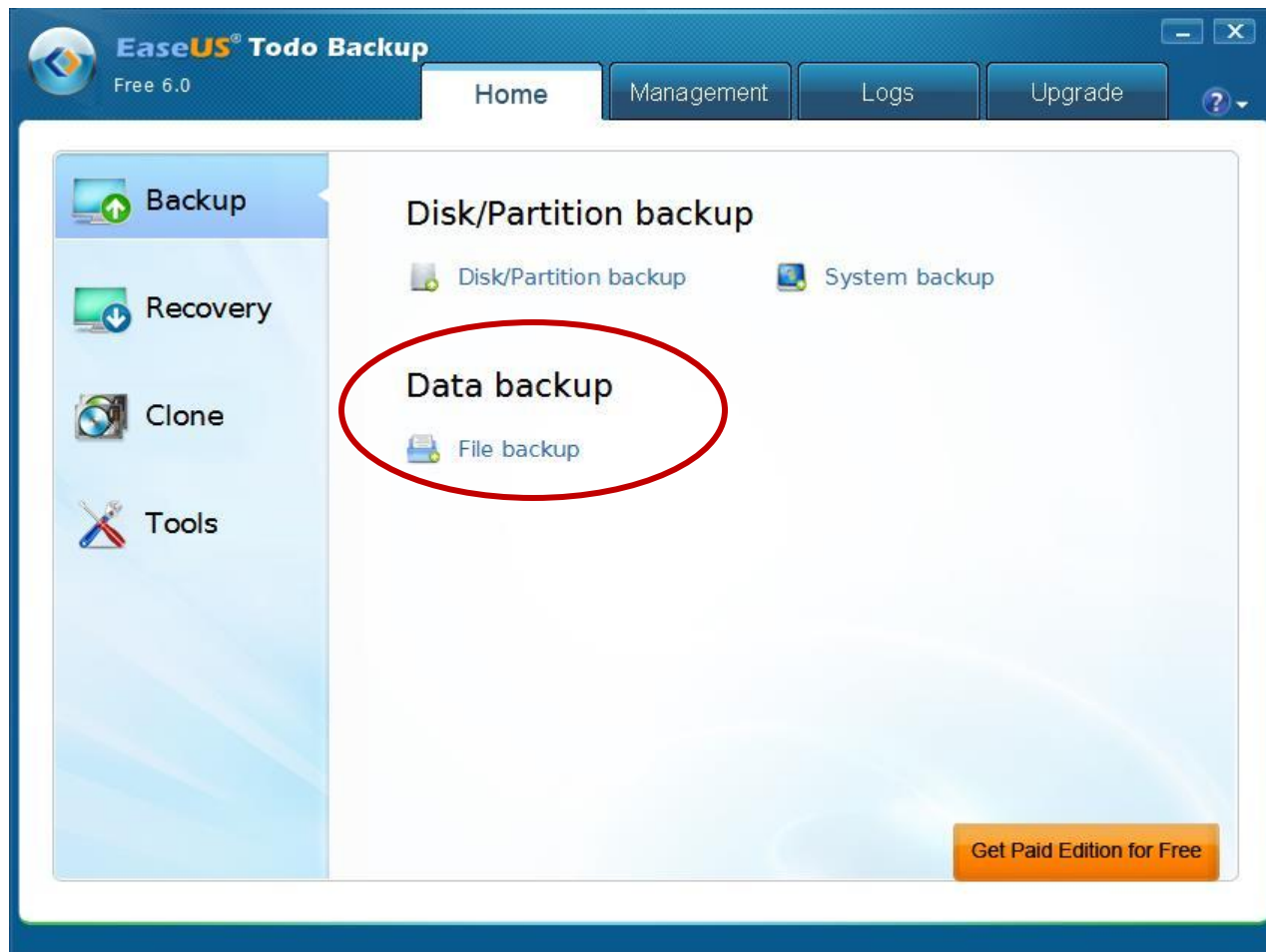
A Two-Component Backup Solution

(free versions)

- EaseUS Todo Backup
  - for data backup

- Macrium Reflect
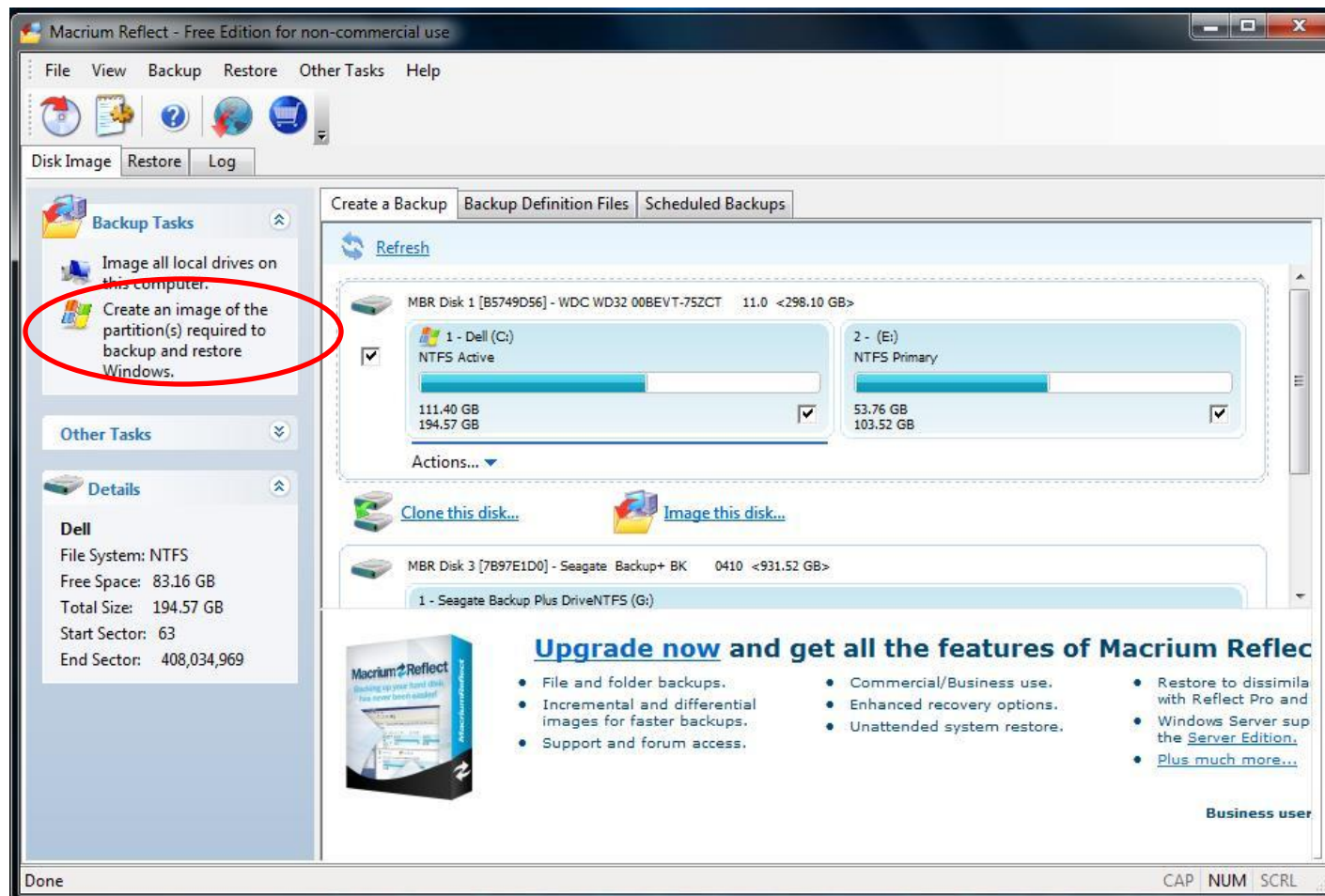 - for system image

Features of EaseUS Todo

- Clear interface

- Allows designation of destination folder

- Easy recovery through Windows Explorer: documents are directly readable

Data Backup -
EaseUS Todo

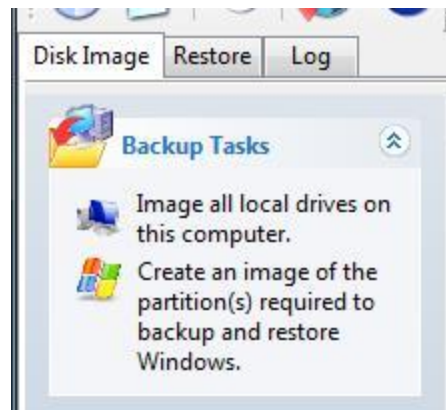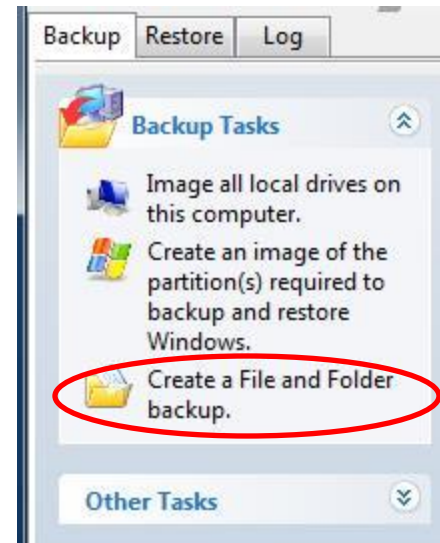# Total System Image - Macrium Reflect

Alternatives

- Two-package solution (free)
  - EaseUS Todo Backup for data backups
  - Macrium Reflect free version for system images

- Single-package solution ($44.99 each computer)
  - Macrium Reflect paid version for both data backups and system images

Macrium Reflect Paid Version
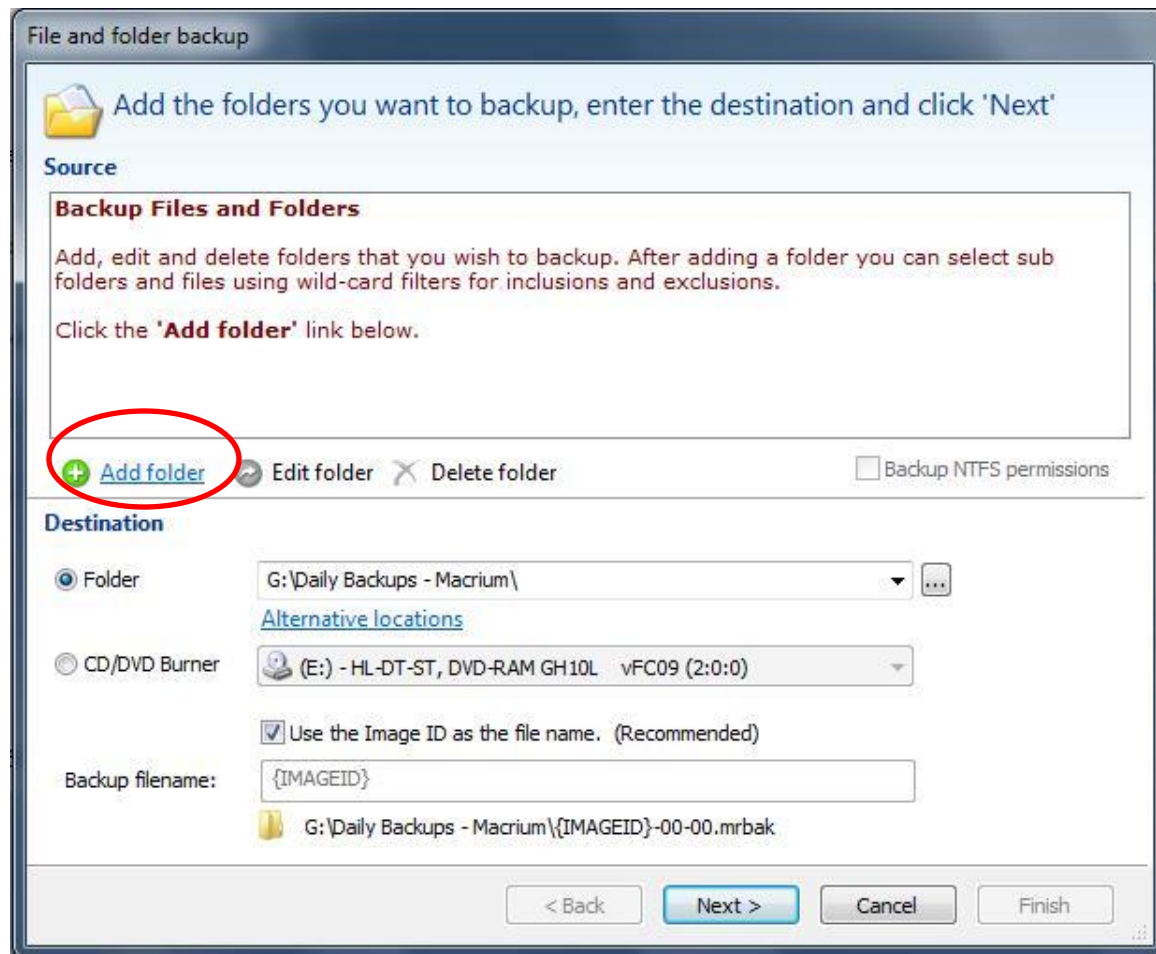# Total System Image + Data Backup

Free Version
System Image Only

Paid Version
System Image & Data Backup

Macrium Reflect Paid Version
Total System Image + Data Backup

Backup: How Frequently

- Data backup
  - Daily or weekly (depending on needs and setup)
- System image
  - At least once
  - Preferably once a month

Backups – One More Thing

You cannot restore your system image without a recovery/rescue/system repair disk.

You must create a recovery disk!