



Radix Reload vs "Similar" Products

Typical instant recovery cards/software primarily designed for public-accessed computers that require auto-restore at every boot. This may be an acceptable solution for schools and cyber café's where user data does not exist, but it is not an option for business computers where automatic restore conflicts with the need to protect new data.

[Radix Reload primarily designed for business computers. It provides strong protection for system and data in all market segments, without risks to new data.](#)

Buffer Technology

The heart of most instant recovery products is the "buffer" mechanism - the area where new data is temporarily kept until permanently saved by the administrator or deleted by the restore mechanism (data is also erased after system shut downs and power failures). Most known "buffer" mechanisms cause an unstable PC operation, unexplained PC freezes, data loss in case of "buffer overflows" and power failures!

[Radix Reload stores new data in the HDD sector level \(without "buffer"\). The data is secured and the PC can run forever without suffering from freezes or data loss.](#)

Compatibility

Many instant recovery products suffer from compatibility problems with hardware products such as mainboards, chipsets (i.e. Core Duo), Vista OS, etc.

[Radix Reload offers excellent compatibility with hardware and software products including Vista 32 and 64 bit and all known hardware main-boards and chipsets.](#)

New installations and new data

Most instant recovery products require PC restart after system update (new installations, patch distributions, new settings, etc.). This stops all running programs and interrupts users' workflow. In order to minimize interruptions to users, IT administrators usually update systems after business hours.

[Radix Reload enables updates on-the-fly, without requiring any PC restarts. IT administrators perform all updates and backups any time they want, without interrupting the users or the active programs and without working overnights.](#)

Remote Control

Instant recovery products usually offer unstable remote control, limited to small number of remote computers located only within LAN segment (the classroom environment).

[Reload offers powerful, versatile remote control over LAN; WAN and Internet](#)



Radix Reload vs "Similar" Products

	Feature	Reload PRO	Reload DUO	Reload LTE	Instant Recovery
General	Full compatibility with Vista 64/32 and all hardware chipsets	✓	✓	✓	
	Pre-Windows "one button" operation	✓	✓	✓	
	Operation <u>without</u> "Buffer" (better stability and safer data)	✓	✓	✓	
	Log events in real-time	✓	✓		
Data Security	Prevent unauthorized -boot and unauthorized access to data	✓	✓		
	Optional data encryption algorithm,	✓	✓	✓	
	Set authorization levels to admin for multiple-users computers	✓	✓		
	Prevent unauthorized access to operation console	✓	✓	✓	✓
Instant Restore	Auto/Manual restore modes (see * note below)	✓	✓	✓	✓
	Auto restore on planned event	✓	✓		
	Switch configuration in 30 sec. by reload snapshot back & forth	✓			
	Store snapshot of the current system before restore	✓			
System Update	Updates system without interrupting the running programs	✓	✓	✓	
	Updates system 'on-the-fly' in 5 seconds (without PC restart)	✓	✓	✓	
	Rescue user's data in case of accidental uninstall	✓	✓	✓	
	Prevent unauthorized system changes	✓	✓	✓	✓
Snapshots	Password-protected user snapshot (baseline)	✓	✓	✓	✓
	Store/update snapshots 'on-the-fly' in 5 seconds	✓	✓	✓	
	User protected snapshot	✓	✓		
	Backup full HDD image and create bootable rescue CD	✓	✓	✓	
Snapshots Management	Add multiple snapshot on PC-restart, task plan or on events	✓			
	Delete old snapshots manually or automatically on task plan	✓			
	Lock snapshots and prevent snapshots deletion	✓			
	Optimize disk space occupied by stored or deleted snapshots	✓			
File/Folder Recovery	Recover selected files and folders	✓			
	Exclude files and folders from restore	✓			
	Mount snapshot and work with it as regular virtual drive	✓			
	Synchronize files and folders with old snapshots	✓			
Central Control	Remote control over WAN & Internet	✓	✓	✓	
	Create installation package with pre-configured parameters	✓	✓	✓	
	Central management and control over the Internet	✓	✓	✓	
	Control by third party's applications such as SMS and Tivoli.	✓	✓		

Note! (*) "Buffer" technology offered by most instant recovery products enables operation under manual restore mode for short while only. Sooner or later interruptions such as buffer overflow or power failure result PC freezes or painful data loss!!



Reload vs System Restore

1. Reload operates in the sub-system level (before OS launch), enabling Instant restore of a crashed system even if Windows is not functioning at all.
2. Reload handling is an easy and intuitive procedure even for inexperienced users.
3. Reload enables automatic, scheduled backup and recovery process.
4. Reload enables unattended, service-free PC operation.
5. Reload consumes negligible handling time, HDD space, RAM, CPU time and network bandwidths.
6. Reload protects administrator's settings by preventing unauthorized modifications.
7. Reload offers optional remote control system, enabling maintenance for a group of remote computers simultaneously.
8. Reload enables remote instant backup 'on-the-fly' without disturbing the users.
9. Reload enables instant restore of hundreds of failed computers, regardless of the extent of damage, the number of failed computers or available IT personnel.

Reload V.S Image Cloning (Ghost)

Complicated handling, considerable backup time and heavy load on the network infrastructure make image cloning a solution for periodical maintenance rather than a handy tool for daily backups.

In case of failure, apart from considerable recovery time - extra settings and personal tweaking are usually required to bring back failed PC's to its pre-failure state.

Backup with Radix is a quick and easy procedure that consumes negligible resources and can be performed daily, hourly or as an event-driven precaution procedure.

In the event of failure, restoring to a pre-failure condition is a matter of a few seconds and a few mouse clicks, without requiring complex settings or tune-up work.

Note! Some of Reload models include Image Cloning feature, enabling in addition to instant recovery capabilities, as well as Image backup/restore to/from external disk, network disk and Rescue CD creation.