

# DriveClone™ 5 All-In-One Suite for Business

Servers, desktops, and laptops store more than just numbers and letters - but crucial information you need to access every day for your personal and professional life to continue smoothly. Losing your data to malfunctions, software corruption, hacker attacks, viruses or natural disasters is both inconvenient and extremely costly.

When you become frustrated in the above scenarios, FarStone's backup solutions guarantees to put peace back into your mind. DriveClone 5 suite doesn't just allow your data availability; these solutions efficiently track and protect digital assets more than simple backup programs can. DriveClone 5 suite is a powerful, data backup and hard disk imaging application tailored for complete all-in-one network solution or standalone workstations and servers.

**New All-In-One:** DriveClone Network is an all-in-one backup and recovery solution that integrates 1. administrating console 2. enterprise server(s) 3. workstations. Its powerful administrating console allows all client computers to be set up at the same time, significantly reducing installation time.

**New DriveClone Snapshot:** Constantly monitors changes to your hard drive sectors and provides non-stop protection. DriveClone snapshot is a sector level backup function that only stores the changed data sectors into DriveClone's Secure Area. Snapshot automatically creates system restore point according to a pre-defined, user-configurable schedule. It works as a system safety net, allowing you to "undo" any undesired changes.

**DriveClone's Pre-OS recovery environment:** When your computer freezes and rebooting is not possible, Simply click space bar to recover your system within seconds.

**Built-in Universal Restore:** Migrate a system to dissimilar hardware, regardless of differences in size, brand, format, or manufacturer. With DriveClone Universal Restore, complete system recovery can be accomplished for any image – even without reinstalling the operating system. Files and folders do not need to be restored individually in to your new system with different hardware: you can restore your entire system with a few mouse clicks.

DriveClone 5 Suite provides 2 flexible solutions for businesses

1. DriveClone Network (DCN): Central Management environment
2. DriveClone Pro (DC Pro) and DriveClone Server (DCS): Standalone management

## All-in-one Network Solution



DriveClone Network 5

## Standalone Solution

Server



DriveClone Server 5

Workstation



DriveClone Pro 5

## DriveClone Series Features List

### New System Snapshot:

- Instant system backup and store backup data to Secure Area (VP)
- Preview/Mount Snapshot before restoring
- Restore Snapshot manually or scheduled

### New Universal Restore:

- Restore to dissimilar hard drives, regardless of brand, size format or manufacture.
- Included in all DriveClone 5 series products

### Backup:

- Hot Imaging (No system restarts required)
- Scheduled Backups (Multiple Tasks/Projects)
- Password protection

### Restore:

- Bare metal recovery (Disaster recovery) via Start-up disc or Recovery CD/DVD
- Mount image to retrieve individual folder or files with Windows Explore

### Administration (Network Features):

- Management Console Client in Windows\*
- Remote Installation
- PXE Restore Support

### Boot from:

- USB Disk / CD / DVD
- Local HD (Secure Area)
- Network (PXE Restore support) on Local Machine

### DriveClone 5 Series Features Include:

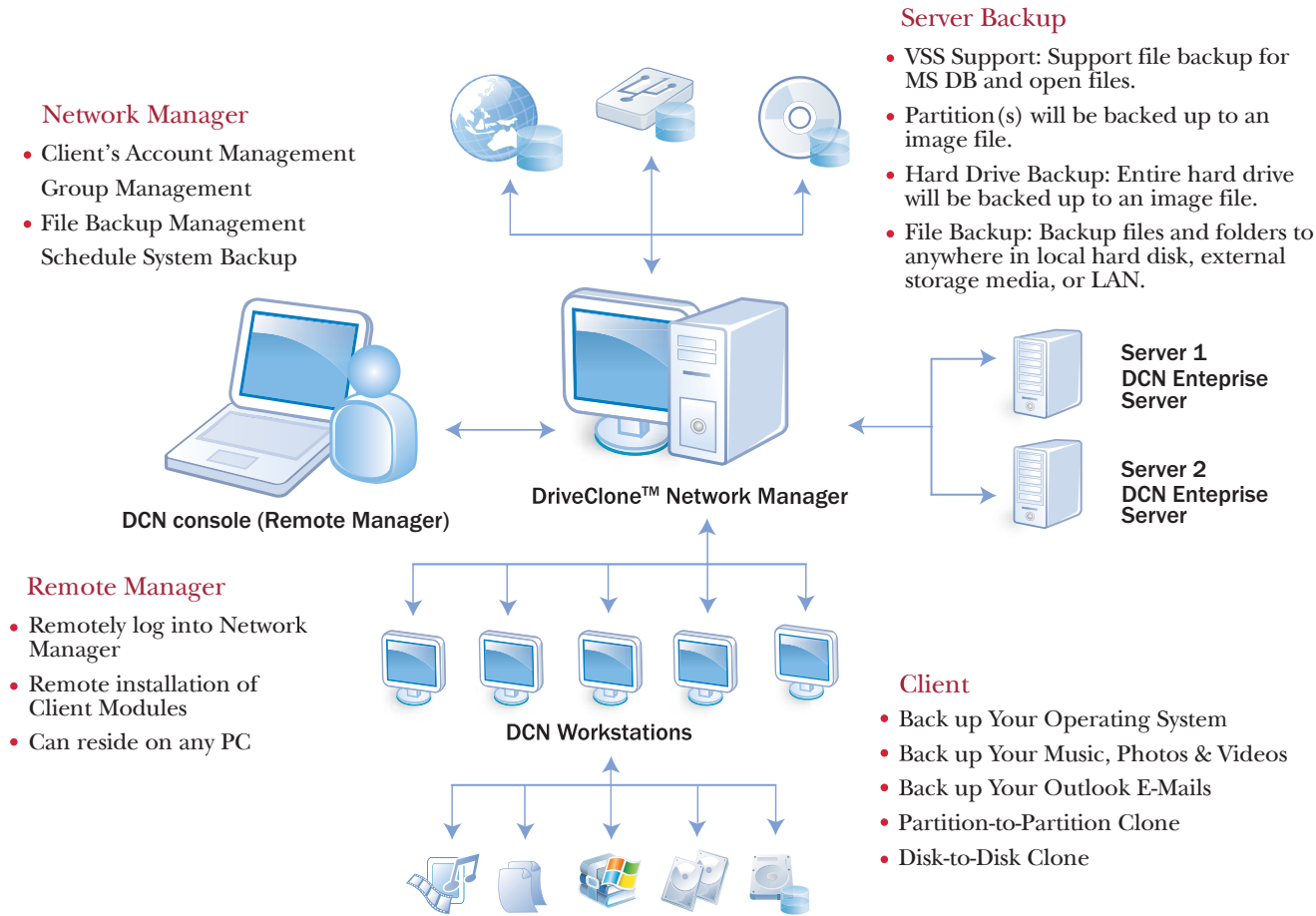
- User Friendly Interface
- Rapid, Controlled Recovery
- Microsoft Volume Shadow Copy Service (VSS) Support
- Preboot Execution Environment (PXE) Restore Support
- Automatic Image Verification

### Supports:

- Supports 64-bit windows
- Supports various storage media

# DriveClone Network System Architecture

## Central Management for remote backup & restore



As the need for increased data storage grows in the business environment, so does the importance of protecting this data – whether stored on workstations or central servers. Just like having insurance, business professionals recognize the need to provide protection for their computer and network assets. This typically comes in the form of a disaster recovery plan.

Businesses realize that a disaster recovery plan is critical recovering important data. Workstation and server disasters lead to: operational downtime, loss productivity and loss of customers and loss of future revenue. Every year, businesses worldwide lose billions of dollars to data disasters, that could have been easily prevented with DriveClone Suite.

As an integrated suite of continuous data protection technologies maintain system and network protection. In response to common business weaknesses with lack of server and workstation protection, FarStone's DriveClone software provides multiple solutions: Imaging, local and networked hard drive and partition cloning, System Snapshots, and Universal Restore (with bare metal recovery to any system). All of the solutions provide a host easy to use and affordable methods of disaster recovery for servers and workstations. Unlike traditional backup software, DriveClone has been proven to be both reliable and affordable.

### RELATED SMALL BUSINESS FACTS:

Current data protection practices:

- 25% of small businesses do not back up their files
- 50% back up computer files using an inefficient manual process (CD/DVD)

Impact after a system crash:

- 7% of owners said their business would fail or be in serious danger if data was lost

- 14% would be inoperable while they worked to restore the missing data
- 25% said they would remain in business but stand to lose clients and revenue

Source: KRC Research Survey

# DriveClone makes your disaster recovery planning easy to implement and maintain.

Consider the following 3 phases in the Business Data Protection Lifecycle: 1. Initial Setup, 2. Growth, 3.Recovery. Each phase faces unique challenges, which FarStone's All-In-One data Protection solution - DriveClone Suite - provide the effective answers necessary to solve the common problems described in each phase.

## Phase 1 - Initial Setup

**A** business needs to configure one or more PCs & Servers.  
**The Challenge:** An IT department uses valuable time to setup operating systems, deploy applications, and services onto each individual PC; these are time-consuming and complex tasks.

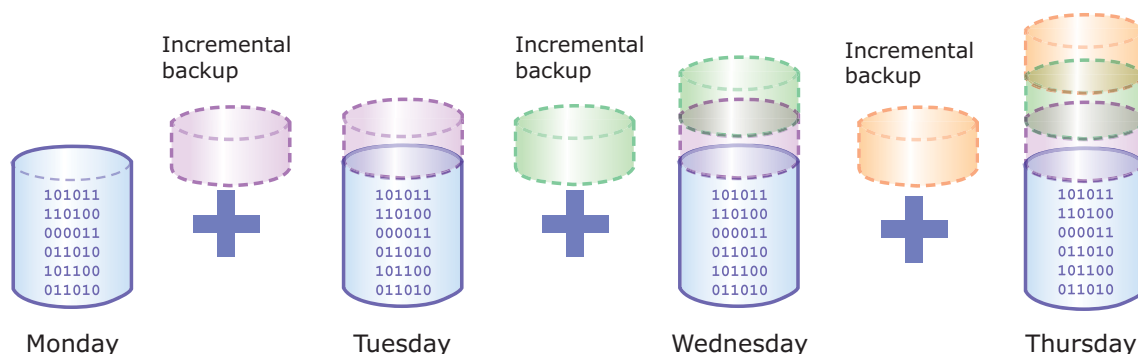
**Solution #1: Universal Restore.** Set up just one PC with all the necessary applications, then use DriveClone to make a complete system image of the PC. With Universal Restore, the system image can be deployed to all other PCs, even if they are of different hardware configurations. Universal Restore instantly reduces the time and cost of deployment on a large scale.

**Solution #2: Complete Backup.** Once the user has personalized their desktop, email account and other settings, they can use DriveClone to make a complete backup of the entire system in its preferred configuration. Everything is included in this backup image – (Operating System), applications, data and system settings.

## Phase 2 – Growth

**D**uring daily business operations, digital data is continually growing while servers and workstations keep up by continually storing new content.  
**The Challenge:** Continuous data protection is crucial to business continuity; Companies must have an effective and affordable way to continuously protect data with minimal involvement and manual processing by users. It should run seamlessly in the background.

**Solution #1: Incremental Backup.** Once a complete system image has been created, DriveClone automatically backup only the new data on a scheduled basis, as frequently as every day. Thus, Efficiently saving time and storage space.



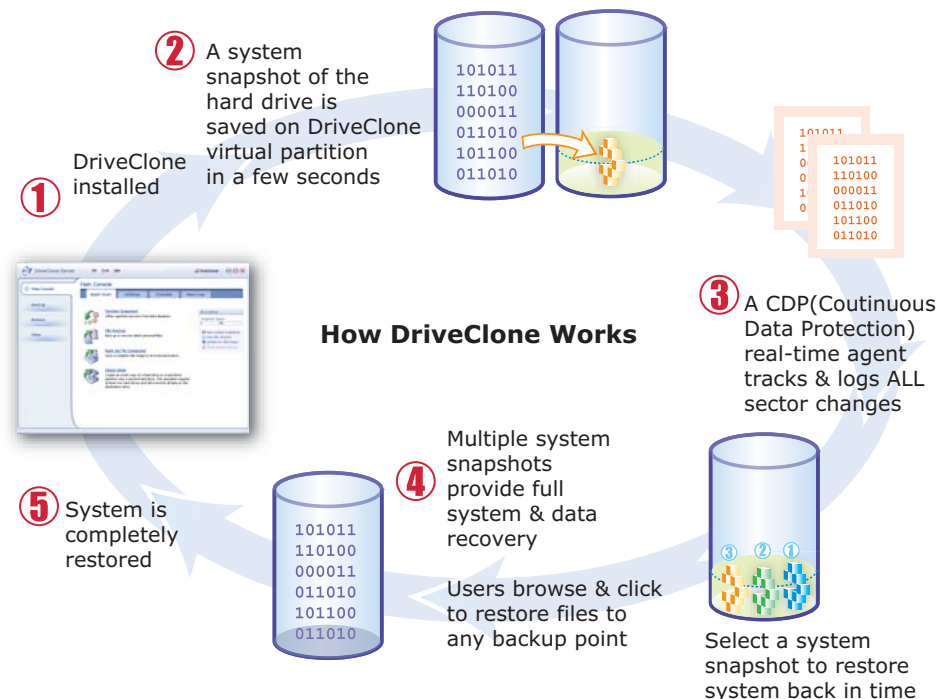
**Solution #2: System Snapshots.** Users can set hourly backups in the form of snapshots. A low-level and super fast backup mechanism to protect your data in real-time, snapshots provide the ability to keep data protection as current as possible and reduce the gaps in backup coverage.

## Phase 3 – Recovery

“Digital Disasters” simply happen – data can be accidentally overwritten or deleted by a virus; malware can bring a system to a halt; an operating system can fail to start up and, most severely hard ware can crash.

**The Challenge:** Accurately recovering lost system data in a timely manner to minimize downtime, productivity loss and the impact from lost customers and lost revenue.

**Solution #1: System Snapshots.** When a workstation user experiences system trouble, they can quickly fix it themselves. With only three mouse clicks, a user can quickly reset their system without having to summon an IT tech. In less than a minute, they will have a working PC.



**Optimized for Server operations across many configurations!**

DriveClone supports Volume Shadow Copy Service (VSS) – Backs up open database files while their applications are still running and ensures consistent backups of a volume. Supports VSS compatible databases such as Exchange, Oracle and SQL Server without taking them offline to make backups.

DriveClone supports PXE– Remotely deploys a bootable image file across a network and eliminates the need to create external bootable media.

Partition Support – Supports FAT32, NTFS, Linux EXT2/3, Reiser and other unknown partitions.

Hardware Support – Supports IDE, EIDE, SATA, PATA, SAS and SCSI hard drives and hardware RAID 0/1. Supports removable media such as CD-R/RW, DVD-R/RW, DVD+R/RW and USB 1.0/2.0 drives.

**Solution #2: Bare-Metal Recovery.** Even if a server or workstation fails to load due to hardware or OS failure, DriveClone can still recover the whole system from a pre-OS environment or bootable recovery CD. Disc Imaging is much more accessible, affordable and reliable than traditional backup methods.

**Solution #3: Remote Recovery.** An IT administrator can remotely recover a workstation or server in a managed console environment from a distance and effectively reduce the cost and time associated with system recovery.

## DriveClone 5 Series Features list

Features	DriveClone Network	DriveClone Pro	DriveClone Server	
<b>Disaster Recovery</b>				
Boot from	USB Disk / CD / DVD	✓	✓	✓
	Local HD (Secure Area)	✓	✓	✓
	Network (PXE Restore support) on Local Machine	✓		✓
<b>Administration (Network Features)</b>				
	Management Console Client in Windows*	✓		
	Central Management Console*	✓		
	Group Management*	✓		
	Remote Installation	✓		
	PXE Restore Support*	✓		
<b>Complete Backup</b>				
Backup	Backup Level	Sector	Sector	Sector
	Hot Imaging (Live Backup)	✓	✓	✓
	Clone Disk/Partition	✓	✓	✓
	Incremental Backup	✓	✓	✓
	Schedule Backup (Multiple Task/Project)	✓	✓	✓
	Compression	✓	✓	✓
	Password protection	✓	✓	✓
	Image Integrity Check	✓	✓	✓
	Create Recovery CD/DVD	✓	✓	✓
	VSS Support*	✓		✓
Restore	Resize Partitions while Restoring	✓	✓	✓
	Mount image to retrieve individual folder or files with Windows Explorer	✓	✓	✓
	Restore non-system partition in Windows	✓	✓	✓
	Recover system in Pre-OS	✓	✓	✓
	Bare mental recovery (Disaster recovery) via Start-up disc or Recovery CD/DVD	✓	✓	✓
	Image Archive Splitting	✓	✓	✓
	Universal Restore	✓	✓	✓
<b>File Backup</b>				
Backup	Backup Level	File	File	File
	Backup your email, music, video, photos, etc.	✓	✓	✓
	Backup selected files/folder	✓	✓	✓
	Schedule Backup (Multiple Task/Project)	✓	✓	✓
	Backup files to external Device, network or CD/DVD	✓	✓	✓
Restore	Retrieve or Restore historic version of a file	✓	✓	✓
	Restore all selected files in one time	✓	✓	✓
<b>System Snapshot</b>				
Backup	Backup Level	Sector	Sector	Sector
	Create Snapshot manually or scheduled	✓	✓	✓
	Instant system backup and store backup data to Secure Area (VP)	✓	✓	✓
Restore	Recover manager	✓	✓	✓
	Restore Snapshot manually or scheduled	✓	✓	✓
	Preview/Mount Snapshot before restoring	✓	✓	✓
Supported Operating Systems	Microsoft Windows XP Professional, XP Professional x64 Edition, 2000 Professional, Vista 32/64 bit	✓	✓	✓
	Microsoft Windows 2003 Server, 2003 Server x64 Editions, 2000 Advanced Server and 2000 Server	✓		✓

Customer Testimonial

“My three kids and their friends keep damaging our home computers. After two to four months they become slow and full of problems, unknown software, etc. In just a few minutes, Farstone’s software puts our computers back on track with updated software patches. Finally, I can see a new computer image and I’m ready for my next challenge. The same process without Farstone could take one to two days.”

-Carlos Guzman

“With the help of DriveClone, we have been able to make backup copies of our CNC’s and transfer images to the compact flash drive. This makes our situation with the CNC a whole lot more reliable. We have a process in place that takes about five hours and we clone every machine once a month to ensure data recoverability. Your product has saved us in many other ways – more than I could ever begin to write about.

Thanks for making a great product and for your company’s A+ support.”

-Tom McIntyre

“Hi, we are an IT consultant outfit in Westchester, NY. Recently we had a PC with a 40 GB hard drive going bad. It was still up running, but it was making clicking noises on and off. After attempting repairs with Norton Ghost and HD Clone Pro v3.2, we tried DriveClone. We are VERY HAPPY to say it did the job for us. We will definitely recommend DriveClone to all our customers because it’s inexpensive and does the job as advertised. Five big stars.

Thank you!”

-Y. J. Chen

“My hard drive was damaged in an accident a few days ago. I was very worried about my data because it was so important for my business. DriveClone recovered all of my information.”

-Jamshaid Minhas

“I spent hours and hours reinstalling and reformatting my computer manually. What a pain! I should have got DriveClone from the very beginning. I mean, I didn’t even know such an incredible device existed!”

-Frank

Storage Media

- CD-R/Rw, CD-R/Rw, DVD+R/R
- PATA (IDE), SATA, SCSI, NEW!SAS
- IEEE1394 (FireWire)
- USB 1.0/2.0 drives

Operating Systems

- Windows Vista, x32 and x64 Editions
- Windows 2000 Professional, Windows 2000 Server, Windows 2000 Advanced Server
- Windows 2003 Server, Windows 2003 Enterprise, Windows 2003 Server, x32 and x64 Editions
- Windows SmallBusiness Server

Partners



Awards

