# Emergency Boot Disk:
# Unlock Your Frozen Computer

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# Problem: Hardware/software fault has disabled the installed OS

Need: A "live" (bootable) CD/Flash Drive for accessing the internal hard drive to:

- Recover Files
- Scan for and remove rootkits, viruses and spyware (that have infected boot files)

# Solution:  BartPE
## (Bart's Preinstalled Environment)

- **BartPE (Bart's Preinstalled Environment)** is a lightweight variant of the 32-bit version of Microsoft Windows XP or Windows Server 2003, similar to Windows Preinstallation Environment, which can be run from a Live CD or Live USB drive.

# BartPE Includes

- Network Support
- Start Menu
  - Utilities/Tools
- Plug-in Application Support

# A few things that are possible with PE and are NOT possible with any type of dos based boot disk

- Accessing very large (>2TB) NTFS volumes
- Reliable scanning and cleaning of viruses on NTFS volumes using a "clean boot"
- Active Directory Support
- Have remote control over other machines, using vnc or remote desktop

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# System Requirements
The PE Builder program (pebuilder.exe) runs on Windows 2000/XP/2003/BartPE

- 500 MB of free disk space
- Windows Installation CD ROM
  - Windows XP Professional or Home (SP1 or later; OEM Versions problematic)
  - Windows Server 2003 Web, Standard, or Enterprise
- PE Builder Program

# PE Builder

- Google BartPE
- [http://www.nu2.nu/pebuilder](http://www.nu2.nu/pebuilder)
- More info:
  - Google Wikipedia BartPE
  - Google Utube BartPE