

**HARDWARE AND SOFTWARE SYSTEM REQUIREMENTS
FOR
CARDINAL TRACKING PUBLIC SAFETY APPLICATIONS**

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NETWORK FILE SERVER SECTION

1. SERVER HARDWARE REQUIREMENTS

1. Hard Drive: 10 Gigs or larger dedicated partition – Configured with NTFS Partition(s)
Free space must be equal to more than twice the size of the converted database or
Or more than twice the size of the projected database size
2. **RAM: 256 Megs (512 Megs or more recommend)**
3. **Processor: Single (Dual recommended) Pentium II or Pentium III architecture
Intel PII 350 MHz or faster (600MHz or higher recommend)
Or... AMD Athlon 500 Mhz or faster (600MHz or higher recommend)**
4. CD ROM
5. 3.5" Floppy Drive
6. Back Up System: Magnetic or DAT Tape, or CD (21 Media for rotational back up recommended)
7. Input Devices: Mouse and Windows compliant Keyboard
8. Monitor: 15" or larger
9. Server Hardware must be NT Certified:
 - (1) All individual components must be from NT Certified Components List
 - (2) The computer must be from NT Certified Components List
10. Network Interface Card: 10/100 Mb
11. Recommend UPS Rated at 450 WATTS or higher for 30 minutes or higher running time with automated shut down software and cabling installed

2. SERVER SOFTWARE REQUIREMENTS

1. Operating System:
 - (1) Windows NT 4.0 with Service Pack 5.0 (or later) installed or Windows 2000 Server
 - (2) Network configured for TCP/IP
2. MS SQL Server 7.0 with Service Pack 2 (or later) installed or SQL Server 2000
3. Server Maintenance Utilities:
 - (1) *DisKeeper* or other NT Defrag Utility
 - (2) Backup Software certified for Windows NT/2000
4. Network Anti-Virus Software for Windows NT/2000 is recommended

3. NETWORK REQUIREMENTS

1. Network Connection: 10 Base T, 10/100 MB network infrastructure
2. Cable – CAT-5 Shielded Twisted Pair (minimum)
3. Intel network hardware recommended

WORKSTATION SECTION

4. CAD WORKSTATION HARDWARE REQUIREMENTS

1. Hard Drive: Minimum of 500 megs free space
2. **Processor: Intel Pentium II or Pentium III processor architecture
Intel 350 MHz or higher (600 MHz Recommended)
Or AMD Athlon 500 Mhz or faster (600 MHz Recommended)**
3. **Monitor: 17" or larger (19" recommended)** with graphics adapter capable of 1024x768 resolution, True Color 16 Bit
 - (1) Or dual 17" (minimum) monitors with video card(s) supported by operating system
 - (2) Graphics adapter must be configured to 1024x768 resolution, True Color 16 Bit
4. **RAM: 128 MB Minimum / 256 MB Recommended --- Optional Mapping Module requires 256 MB**
5. CD ROM
6. 3.5" Floppy
7. PC Sound Card and speakers (for audible alarms)
8. Mouse, Windows compliant Keyboard (Cordless mouse and cordless keyboards NOT allowed)
9. Recommend UPS Rated at 300 WATTS or higher rated for 15 minutes or higher running time
10. 100/10 Mb network adapter
11. Modem (56K minimum) or Internet connection on one CAD Workstation for Customer Support

5. CAD WORKSTATION SOFTWARE REQUIREMENTS

1. Operating System: Windows 98/NT 4.0 Work Station with Service Pack 5(or later) installed or Windows 2000 with Service Pack 1(or later) installed
2. Access 2000 (Access 2000 is required for MS SQL Server 2000)
3. Workstation Anti-Virus Software recommended
4. PC Anywhere version 9.2 or higher on at least one CAD workstation

6. RMS WORKSTATION HARDWARE REQUIREMENTS (All CTI Applications other than CAD)

1. **Processor: Intel Pentium II or Pentium III processor architecture
Intel 300 MHz or higher or AMD 350 MHz or higher**
2. Hard Drive: Minimum of 250 megs free space
3. Monitor: 15" or larger with graphics adapter capable of 800x600 resolution, True Color 16 Bit:
and Video should be configured to 800x600 resolution True Color 16 Bit
4. **RAM: 64 Megs or more, 128 Megs or more for Windows NT/2000 Workstation and for Mapping Modules**
5. CD ROM
6. 3.5" Floppy Drive
7. Mouse, Windows compliant Keyboard
8. Strongly Recommended: UPS Rated at 200 WATS or higher rated for 15 minutes or higher running time
9. 100/10 Mb network adapter
10. Modem (56K minimum) or Internet connection on one workstation for Customer Support

7. RMS WORKSTATION SOFTWARE REQUIREMENTS

1. Operating System: Windows 98/NT 4.0 Work Station with Service Pack 5 (or later) installed or Windows 2000 with Service Pack 1 (or later) installed
2. Workstation Anti-Virus software recommended
3. PC Anywhere Software version 9.2 or higher (for Dial - In Access Work Stations) PC Anywhere must be on at least one workstation.

LAPTOP / NOTEBOOK COMPUTER SECTION

8. LAPTOP/NOTEBOOK COMPUTER HARDWARE REQUIREMENTS

- 1. Processor: Intel Pentium II or Pentium III processor architecture, Intel 300 MHz or higher
Or AMD 350 MHz or higher**
2. Hard Drive; 3.5 Gig or larger recommended with a minimum of 120 megs free space
3. Video Display: 13 inch or larger, display capable of 800x600 resolution or higher and True Color 16 Bit
and Video should be configured to 800x600 resolution True Color 16 Bit
- 4. RAM: 64 Megs or more, 128 Megs or more for Windows NT Work Station and for Mapping Modules**
5. CD ROM
6. 3.5" Floppy Drive
7. Power Surge protection device
8. 100/10 Mb network adapter

9. LAPTOP/NOTEBOOK COMPUTER SOFTWARE REQUIREMENTS

1. Operating System: Window 98/NT 4.0 / 2000 Work Station or higher
2. Anti-Virus software recommended