PrintQuest® AFIS - APIS Medium Size Server System

100K-250K-500K Cards Databases – Counties, Large Cities…

SPEX PrintQuest® offers an affordable, easy to use and high throughput solution for each configuration requirement.

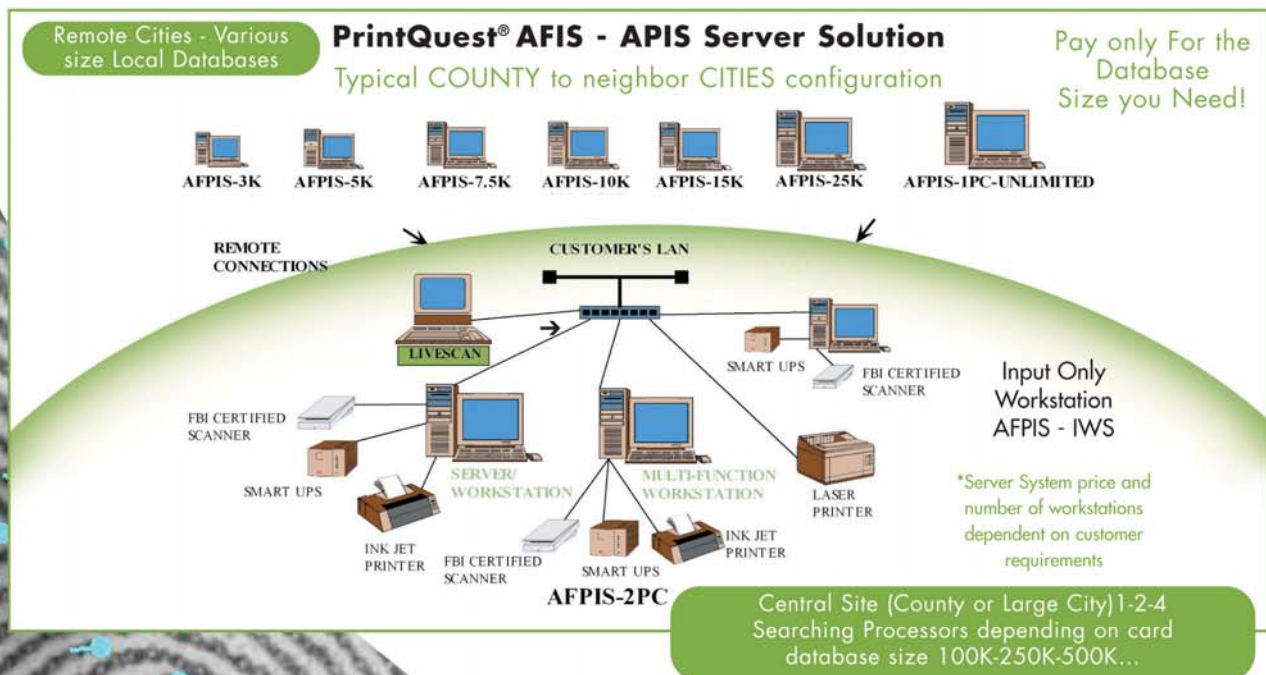PC-1 = DELL WS 670   DUAL PC CONFIGURATION: 100K TO 300K CARDS   PC-2 = DELL WS 370

Multifunction Workstation (MWS) on the left (20" LCD, Printer, Scanner, UPS), also acting as Server: For Candidate List review, Card input, Latent input and Database Maintenance. Its processor(s) can be configured to participate in the database search tasks in parallel of other processors. Single (SP) or Dual (DP) processor versions are available depending on database size and search speed requirements.

Input-only Workstation (IWS) on the right (19" LCD, Scanner, UPS), without access to Search Results: This economical workstation allows fast database creation. It allows Card and Latent submissions. The IWS includes an FBI Certified Scanner.

DATABASE SIZE	100K-150K	150K-300K	300K-500K
PC-1 Hardware	WS-370 (3.6 GHz)	WS-670 (Dual 3.6 GHz)	WS-670 (Dual 3.6 GHz)
PC-2 Hardware	WS-370 (3.0 GHz)	WS-370 (3.0 GHz)	WS-670 (Dual 3.6 GHz)
Minimum Set-up	MWS-SP + optional IWS	MWS-DP + optional IWS	MWS-DP x 2
RECOMMENDED	MWS-DP + IWS	MWS-DP + MWS-SP + IWS	MWS-DP x 2 + IWS x 2

Remote Cities - Various size Local Databases

PrintQuest® AFIS - APIS Server Solution

Typical COUNTY to neighbor CITIES configuration

Pay only For the Database Size you Need!

AFPIS-3K   AFPIS-5K   AFPIS-7.5K   AFPIS-10K   AFPIS-15K   AFPIS-25K   AFPIS-1PC-UNLIMITED

REMOTE CONNECTIONS

CUSTOMER'S LAN

LIVESCAN

SMART UPS

FBI CERTIFIED SCANNER

Input Only Workstation AFPIS - IWS

FBI CERTIFIED SCANNER

SMART UPS

SERVER/ WORKSTATION

MULTI-FUNCTION WORKSTATION

LASER PRINTER

*Server System price and number of workstations dependent on customer requirements

INK JET PRINTER   FBI CERTIFIED SCANNER   SMART UPS   INK JET PRINTER

AFPIS-2PC

Central Site (County or Large City) 1-2-4 Searching Processors depending on card database size 100K-250K-500K…

PrintQuest® AFIS - APIS Large Size Server System

Database of 500K-750K-1M and more Cards

HARDWARE PHOTOS ARE COPYRIGHTED BY DELL

- Highest Reliability, Stability and Security.
- Fully Scalable multi-processor solution for fast and accurate matching.
- Unique Distributed Matching Technology: Multiple networked computers act as a high performance single matching system.
- Red Hat Operating System and PrintQuest Software Architecture which protects from database corruption and keeps searching going even if a Matcher fails.
- Latest generation Xeon processors with Hyper-Threading Intel technology to boost search speed.
- Compact and economical rack-mount design.

SERVERS:

Dell Tower Server 2800 or Dell 2850 (Rack version) For Databases of 500K – 750K cards. DUAL Processor, SCSI, Raid-5, DAS Storage.

Dell Tower Server 6600 or Dell 6650 (Rack version) For Databases of 750K-1 Million cards and beyond. QUAD Processor, SCSI, Raid-5, DAS Storage.

MATCHERS:

Any Speed Search requirement can be met by adding more Matchers!

Rack of Matchers Dell SC1425

Dual 3.6 GHz 1U Matcher units

EXTERNAL IMAGE STORAGE:

SATA based Tower External storage Network Attached

Dell AX 100 & CX300/500/700 EMC Fibre Channel Direct Attached Storage (SCSI or SATA)

REMOTE WORKSTATIONS:

R-DBWS

R-WS

R-IWS

CENTRAL WORKSTATIONS:

MWS

IWS

MWS (3.6 GHz): Multifunction Workstation. Its processor(s) can be configured to participate in the database search tasks in parallel of other processors. Single (SP) or Dual (DP) processor versions are available depending on database size and search speed requirements.

IWS (3.0 GHz): Input-only Workstation. This economical workstation allows fast database creation. It allows Card and Latent submissions. The IWS includes an FBI Certified Scanner and a UPS but no Printer.

R-WS (3.0 GHz): Remote Workstation, with database access and search results review capability. No processor contributions in search speed.

R-DBWS (3.6 GHz): Remote Workstation with Local Database capability (Same as R-WS, but contains small database). Data are submitted BOTH for local (remote) database searches and to the Central site in parallel.

R-IWS (3.0 GHz): Remote Input-only Workstation. This economical workstation allows fast database creation. It allows Card and Latent submissions. The IWS includes an FBI Certified Scanner and a UPS, but no Printer.

Note: SPEX PrintQuest® AFIS-APIS includes the ability to dispatch the search tasks to various processors ("Matcher" units)

Note: Server Systems include a switch, 1 or more networked laser printers for card printing, 4-5 days of administrator, expert and user training or more.

SPEX FORENSICS

HORIBA JOBIN YVON