

FAIRFAX COUNTY, VIRGINIA



COURT AFFILIATES REPORT 2009

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May 2009

- Introduction
- Expanded Courthouse
- Courtroom Technology
- Courthouse Technology
- Future Technology
- Court Initiatives



WELCOME TO FAIRFAX COUNTY

- Located in Northern Virginia
- Geography - 400 square miles, shares border with Washington D.C.
- Population exceeds 1 million
- County budget larger than four states
- Traffic docket averages 1,500 – 2000 cases per day



EXPANDED COURTHOUSE



EXPANDED COURTHOUSE

- New 575,000 SF facility
- Added 325,000 SF to existing 250,000 SF
- Phase I - Construction of new wing, 2004
- Phase II - Renovations to existing wing began 2008



EXPANDED COURTHOUSE

43 Courtroom facility combines all three Fairfax Courts into a single, unified facility

- Circuit Court - 18
- General District Court - 12
- Juvenile Court - 10
- Shelled Courtrooms - 3

Includes Law Library, Clerks offices, Sheriff, Commonwealth Attorney



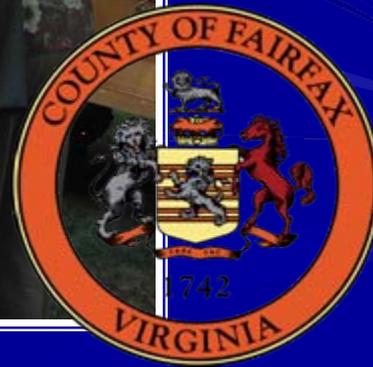
2004

IN THE BEGINNING



2004

GROUNDBREAKING



2005 THE BIG DIG



2006

MOVING ON UP



2007

MOVING ON OUT

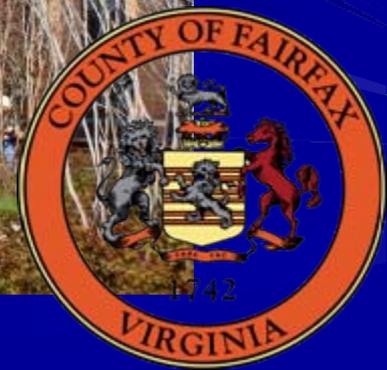


2008

COMING TOGETHER



2009



GRAND OPENING !!!

Phase I completed, 2008

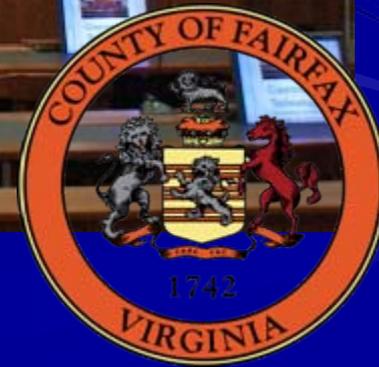
Phase II to be completed Summer 2009
(excludes existing courtrooms)

Juvenile Court relocation, August 2009

GRAND OPENING, September 2009



COURTROOM TECHNOLOGY



High - Tech Courtrooms

EVOLUTION

- One (1) high-tech prototype 2006
- Five (5) new high-tech courtrooms 2008
- Nine (9) new high-tech courtrooms 2009
- Four (4) renovated courtrooms 2010

* * * *26 existing courtrooms* * * *



Courtroom Technology Office

- Created 2007
 - SUPPORT: *Three Courts and Sheriff*
 - LIAISON: *Courts, County Dept of Information Technology and County Executive*
 - MANAGEMENT: *Executive Governance Board, Courtroom Technology Team, Policy Team*
 - MISSION: *consolidate, streamline, share resources*
 - OBJECTIVE: *consistency and standardization*



COURTROOM TECHNOLOGY

Communications Structure

Circuit Court

Barbara Kenney, Business
Drew Kassick, Technical

General District Court

Emelin Beach, Business
Celine Robinson, Technical

Juvenile Court

Letha Braesch, Business
George Spack, Technical

COURTROOM TECH OFFICE

David Barteo, Director
John Lumsden, Chief Engineer
Christine Cooksey, Technologist

Fairfax Bar Association

Audra Hale-Maddox, Pres

Center for Legal and Court Technology

Fred Lederer, Director
Martin Gruen, Deputy Director

DEPT INFO TECH

James Simmons, IT Infrastructure Manager

COMMONWEALTH ATTORNEY

SHERIFF

COUNTY ATTORNEY

HIGH – TECH COURTROOMS

- **COURTROOM TECHNOLOGY MANAGEMENT SYSTEM**

1. Modern Infrastructure
2. Electronic Evidence Presentation
3. Audio & Video Conferencing
4. System Controls
5. Future Growth



1 – Modern Infrastructure

- Fiber to Courtroom A/V closets
- Copper from A/V to Courtroom
- Acoustics
- Raised Floors
- Custom Furniture
- Lighting
- Flexibility and Adaptability



2 – Electronic Evidence Presentation

Modern Technologies allow for:

- **Integrated evidence display**

FROM multiple electronic evidence sources . . .

(laptops, document cameras, digital cameras, cd/dvd/vhs, etc.)

. . . .TO multiple flat screen displays

(judge, attorney, witness, jury, gallery)

- **Printing and Annotation capabilities**
- **Complete control from the bench**



3 – Audio & Video Conferencing

- Remote Witness
- Secluded Witness
- Prisoner Arraignments
- Remote Arraignments
- Remote Judge
- Overflow Monitoring



REMOTE TESTIMONY

- Utilize ISDN connectivity
- Exploring future use of Fairfax County's INET (Institutional Fiber Network), to connect to multiple sites in and around the county.



REMOTE TESTIMONY

HIGHLIGHTED CASES

June 2006

Chancery Case - Plaintiff from Izmir, Turkey

- - - Honorable Judge Kathleen MacKay

January 2007

Civil Case - Egypt

- - - Honorable Judge Kathleen MacKay

April 2008

Criminal Murder Case – Berkeley, CA

- - - Honorable Judge Randy Bellows



ARRAIGNMENTS

- Prisoner arraignments conducted daily at General District Court
- Monthly advisements at Circuit Court



REMOTE ARRAIGNMENTS

- Arraignments with other localities
- State legislation passed “mandating” the use of electronic 2-way communications “if available”



REMOTE JUDGE

- Judge performed bond motions and arraignments via video teleconference while attending mandatory Judge's conference.



SECLUDED WITNESS

Closed Circuit Video

When a witness, for their own protection and well-being, needs to testify from a private, secluded area outside the courtroom

Must allow contemporaneous communication between attorney and client

*e.g. Child Abuse Cases
Felonies with Child victim testimony.*



4 - SYSTEM CONTROLS



MASTER CONTROL ROOM

- Centralized routing and switching
 - Distribution over fiber utilizing Evertz equipment
 - Format Conversions
 - Evertz EQX Router
 - Sufficient Bandwidth for future technologies ; HD



MASTER CONTROL ROOM

- Resource sharing
- Remote monitoring and troubleshooting
- Courtroom overflow
- Enhanced security



COURTROOM TECHNOLOGY MANAGEMENT SYSTEM

- CTMS fully integrates all hardware and software components
- Allows complete control of all courtroom technology by the judge or clerk
- Provides limited control for users
- Programming
 - Crestron control system
 - Biamp AudiaFlex audio system



5 - FUTURE GROWTH

- Automated Court Audio Recordings
- Remote Interpreting
- Routable Protected Witness
- Oversized Documents

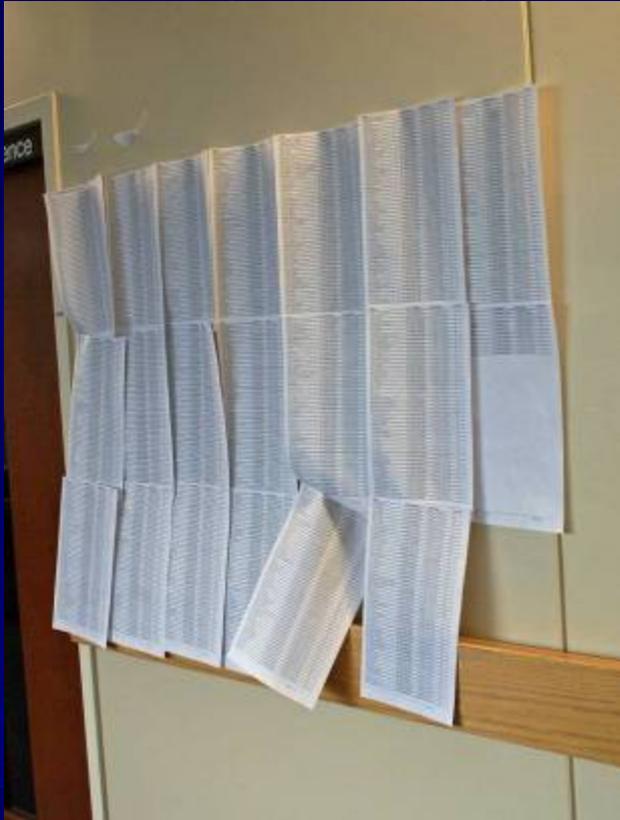


COURTHOUSE TECHNOLOGY

- Electronic Docket Display
- Electronic Wayfinding



Electronic Docket Display



BEFORE



AFTER



Electronic Docket Display

- Currently use 3rd party support (INFAX) system for docketing information, distribution and display
- Piloting a new system developed by the Virginia Supreme Court



Electronic Wayfinding

- Flat screen displays installed at main entrance
- PowerPoint program provides basic court, security and directional information
- Managed in-house



COURT INITIATIVES

- Circuit Court
- General District Court
- Juvenile & Domestic Relations District Court



OLD HISTORIC COURTHOUSE - 1799



QUESTIONS



QUESTIONS