

Memorandum



DATE: April 10, 2009

TO: Honorable Members of the Finance, Audit & Accountability Committee –
Mitchell Rasansky, Chair; Jerry R. Allen, Vice-Chair; Dr. Elba Garcia, Mayor Pro Tem;
Vonciel Jones Hill; Angela Hunt; Ron Natinsky; David A. Neumann

SUBJECT: Finance, Audit & Accountability Committee –
Presentation on Follow-Up Audit of Audit of City's Mainframe Operating Systems and
Operations and Mainframe Utilization

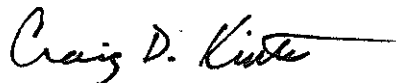
The City Auditor's Office released the final audit report, *Follow-Up of Audit Recommendations, Department of Communication and Information Services, Fiscal Year 2007* (Report Number A09-006) on February 27, 2009.

CIS responded to 22 recommendations resulting from audits of the City's Mainframe Operating Systems, Security and Operations and the Audit of Mainframe Utilization.

The migration from mainframe applications to client-server applications will reduce the reliance on the mainframe computers, but there are still issues associated with the effectiveness of mainframe operations, maintenance of the mainframe computers, security, and the allocation of mainframe costs as departments transition to the client-server technology. Many of these issues were originally reported in 2004 yet still remain unresolved.

I will provide a short briefing to the members of the Finance, Audit & Accountability Committee on this matter on Monday, April 13, 2009.

Sincerely,

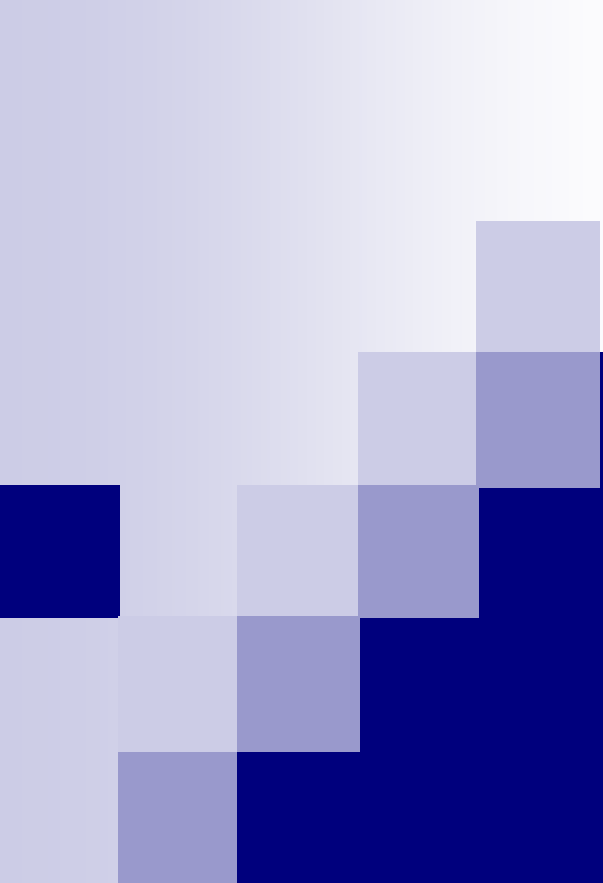


Craig D. Kinton
City Auditor

Presentation to Finance, Audit & Accountability Committee

City of Dallas
Office of the City Auditor
April 13, 2009





Follow-Up Audit of the City's Mainframe Operating Systems and Operations and Mainframe Utilization

Report Issued February 27, 2009

Prior Audits by City Auditor

- Audit of the City's Mainframe Operating Systems and Operations
(November 24, 2004)
- Follow-Up Report of the City's Mainframe Operating Systems and Operations
(January 5, 2007)
- Audit of Mainframe Utilization
(March 30, 2007)

Audit Follow-Up Summary

- There are still issues associated with mainframe operations, with many of these issues originally reported in 2004
- The City will continue to be at risk until all LINC-based applications have been migrated to new operating system platforms
- Critical systems continue to rely on the LINC operating system

Audit Follow-Up Summary

- The City technology strategy is focused on the use of server-based technology as a replacement for mainframe-based applications, but until the transition is complete there are issues with:
 - Effectiveness of mainframe operations
 - Maintenance of the mainframe computers
 - Security
 - Allocation of mainframe costs

Audit Follow-Up Summary

- Follow-Up Audit of the City's Mainframe Operating Systems and Operations and Mainframe Utilization (February 27, 2009)
- 22 Recommendations
 - ❖ 13 Recommendations (Report #A09-006)
 - 5 Implemented
 - 4 Partially Implemented
 - 4 Not Implemented
 - ❖ 9 Recommendations (Confidential Memo)
 - 2 Implemented
 - 4 Partially Implemented
 - 3 Not Implemented

Audit Follow-Up Results

■ Not Implemented

- Software measurement tools are not used for mainframe operations
 - ❖ Measurement tools are only used for client-server applications
- A backup LINC programmer was not funded
 - ❖ There are City departments that rely on LINC applications and the need for a backup programmer still exists
- Workforce planning was not applied to mainframe operations
 - ❖ Per CIS, “Systems are migrating off the mainframe.”
- UPS support and maintenance agreements have expired
 - ❖ A Request for Competitive Sealed Proposal will be advertised in March 2009 with an expected award date in June 2009

QUESTIONS?

