

**City of Milpitas
Approved Minutes
Telecommunications Commission
August 17, 2009**

I. Call to Order & Roll Call:

Chair, Albert Alcorn, called the commission meeting to order.

Members Present, A. Alcorn, D. Gupta, K. Bohan, N. Gupta, I. Munir, S. Ahuja, R. Shaw, W. Lam, S. Bansal

I.S. Staff: B. Marion, E. Pasion

Members Absent,
H. Tran

City Council: A. Gomez

II. Pledge of Allegiance:

The members of the Commission recited the Pledge of Allegiance.

III. Announcements:

Staff announced that Silicon Valley Unwired would be giving a presentation at the September 21st commission to update the progress of the wireless service.

IV. Approval of the Agenda:

Motion to approve the agenda as submitted.

M/S D. Gupta / S. Bansal Ayes: 9

V. Approval of the Minutes:

Motion to approve the minutes as submitted.

M/S D.Gupta / S. Bansal Ayes: 9

VI. Citizen's Forum:

No comments made for the record.

VII. New and Continued Business:

1. City Wide Network Upgrade Report.

Bill Marion, the city's director of information services, provided a detailed summary of the city's data network infrastructure. The network was first upgraded in 2000 with a TCP-IP replacement from an asynchronous transfer mode ATM network. In 2002, a second network upgrade was completed to utilize the available fiber optic cable that was installed interconnecting several city facilities. In 2008 a complete reevaluation of the city's data network was conducted to determine future requirements and equipment needs. In July of 2009 information services staff completed a full equipment upgrade and replacement of its data network infrastructure. The data network is operating on a total redundant network. Staff is also planning on replacing a section

of the city's fiber optic network due to several accidental construction cuts which has lowered the life and quality of the fiber optic transmission. The new equipment has given improved data network speeds as well as improved reliability. This network equipment upgrade has positioned the city for a future planning of integrating voice over internet protocol technology VOIP when it is feasible. Along with the data network equipment upgrade, the city's data center recently completed the replacement of its air conditioning system to support the data center facilities operations.

The commission asked who the major users of the city's data network. Staff reported that the city's engineering department, followed by the city's finance department and police department are the heaviest users of the data network.

Motion to note, receipt and file.

M/S N. Gupta / D. Gupta Ayes: 9

2. MCTV Corporation Group.

Commissioner D. Gupta reported the nonprofit status for MCTV26 was officially completed. Funding for the MCTV26 Corporation has been approved by the city. Documents for the franchise tax board are being processed as well. A part-time staff member has been brought in to provide staffing to the MCTV studio operations. A few of board member had expressed concern regarding the maintenance contracts involving the studio. The MCTV26 website is also being reworked and improvements are being made to the site.

Motion to note, receipt and file.

M/S N. Gupta / W. Lam Ayes: 9

3. Telephone Master Plan Discussion.

A detailed summary of the City's telephone communications system was presented to the commission. Staff provided a detailed review of the city's phone system and the consideration of a possible upgrade. In 1995 the city was operating its phone service with Pacific Bell's Centrex telephone system. The process started by developing a plan to bring the city's telephone services in-house. In 1998 the city brought the telephone services in-house through the use of three internal NEC telephone PBX switches. The equipment is not VOIP capable. The equipment has a 15 to 20 year operational life span. The city's phone switching equipment has been in use for 10 years. The voice mail service is an Octel service that is separate from the NEC phone switching equipment.

Chair Alcorn noted what is needed to integrate a VOIP phone technology. Staff added that it requested information, as part of the data network upgrade, the total cost of adding a VOIP network service. The price of adding VOIP was estimated at

\$800,000 to support a total technology replacement of the phone equipment.

Staff reported that it must follow an established process to plan for any major request for funding a project like the replacement of the city's telephone system. With the recent completion of the data network equipment integration staff can begin the process of planning for funding a new VOIP telephone system. As part of the master plan recommendations, the commission could consider the use of VOIP technology in the next round of equipment upgrades as part of the next cycle of new technology.

Commissioner Bohan asked of the use of Skype technology. Staff noted that the Skype technology has been tested in the field. However, it was not a stable technology to be considered as a viable service.

Chair Alcorn asked that this discussion be on going. He suggested that a subcommittee be created to help review and provide direction of the city's phone technology. A quarterly review would be ideal. Staff noted that the November 16th commission meeting can be scheduled to discuss a subcommittee.

Motion to note, receipt and file.

M/S

N. Gupta / D. Gupta

Ayes: 9

4. July '09 Information Services Report

Staff reported on the monthly highlights for July 2009.

The Silicon Valley Unwired wireless project is in full operation with currently 600 users of the network. SVU will be providing an update to the commission at the September 21st commission meeting.

The city's website is adding more information involving residential permitting online electronic plans. The city is drafting an Intra-net project handing the distribution of information via an internal network reducing the amount of paper resources being used.

Staff also plans to do a similar project for employee timesheet submittals. An improvement to the city's GIS data information for parcel and zoning is being made for at the counter building use. The information would be made available to the public at a computer terminal at the Milpitas city hall planning counter area when it fully completed.

Commissioner D. Gupta asked what the open government training video involved.

Staff reported that it is working on revising the video, with the city's attorney staff, that will be presented as a training video for all the commissioners at a later date and meeting.

Motion to note, receipt and file.

M/S

N. Gupta / D. Gupta

Ayes: 9

5. Roundtable Discussion

Commissioner Bansal noted that the computer display was dark and no image was present. Staff noted that the display had timed out and to touch the display to reengage the computer.

VIII. Adjournment of Meeting:

Meeting adjourned to October 19, 2009.