

**WILL COUNTY 9-1-1 EMERGENCY TELEPHONE SYSTEM BOARD
TECHNOLOGY ADVISORY COMMITTEE MEETING**

Wednesday, August 13, 2014 – 1:00 p.m.

ETSB 9-1-1 Administrative Office – Board Room
2561 Division Street, Joliet, IL 60435

A G E N D A

I. CALL TO ORDER

II. ROLL CALL

Jim Ariagno	Ed Bean	Jeremy DeVivo	Kim Knutsen
Dale Murray	Steve Rauter	Mike Shay	Brad Veerman
Tong Zhou			

III. APPROVAL OF MINUTES

MOTION: To approve minutes from June 4, 2014 meeting as presented.

IV. PRESENTATION

Staff has arranged for a short demonstration of the NetMotion middleware product and its application to our agencies.

V. OLD BUSINESS

A. Project Status Updates – Operations Manager Murray

1. Motorola Premier1 CAD Suite – Cut-over date is November 4th. Training has begun.

2. Motorola Disaster Recovery – DR has been installed. Motorola is waiting for some licensing to complete the project.

3. County Radio Project – RFP scheduled for release in the next couple of months.

4. Fiber to PSAP Connectivity – The RFP was reissued for all PSAPs and extended warranties. RFP are due back on Tuesday, August 12th. Staff will provide an update.

5. CAD Mobile Connectivity – Discussion regarding demonstration.

6. CSING911 – The ICC rules in favor of Jackson County's Plan Modification for NG9-1-1.

7. NIU Fiber Connectivity – Staff has been advised that the SSMMA Broadband Project was awarded additional funding from the Governor's office. A connection to the Eastcom PSAP is in the works.

8. Texting to 9-1-1 – Our applications have been submitted and we are awaiting further notice on timelines.

B. Bolingbrook PSAP Merger with Wescom – The final arrangements for the merger are being reviewed and voted on by the Bolingbrook Village Board this month. The Wescom Executive Committee approved the arrangements. It is hoped that Wescom can complete additional hiring and training before the November 4th CAD Go-Live Date

VI. NEW BUSINESS

A. VMware Upgrade and Maintenance Renewal – There is a need to expand and upgrade our VMware Product. This will be accomplished by getting the 4th blade server configured and implemented to provide additional capacity. The cost of the server operating system licensing from CDW-G is \$4,008.14.

It is also time to renew our existing VMware maintenance agreement and include the addition of two (2) new licenses so that the entire VMware project can co-terminate together. The cost of the additional licenses from Sentinel is \$6,380.00 (\$4,780 two (2) licenses and \$1600 installation). The renewal of the maintenance contract for three years is \$18,861 and includes the new licenses.

MOTION: To recommend to the Finance and Equipment Committee the purchase of a VMware server operating system licensing from CDW-G in the amount of \$4,008.14.

MOTION: To recommend to the Finance and Equipment Committee the purchase of two additional VMware licenses from Sentinel in the amount of \$6,380.

MOTION: To recommend to the Finance and Equipment Committee the renewal of the VMware maintenance agreement for three additional years in the amount of \$18,861.

B. Fiber PSAP Connectivity – The RFP for providing Fiber Connectivity to our three (3) Data Centers at Eastcom, Wescom, and County Building was amended and reissued to include all of the six (6) PSAPs and the data center at the County Building. This was done to see if we could capture an even greater savings in installation and operation costs from the original RFP. In addition an option for a five-year contract was also included to see if additional funds could be saved on the project.

The RFP is due back on Tuesday, August 12th and staff will provide a review of the RFP and a recommendation. Based on the previous RFP it is anticipated that total costs for installation and 1 gig of connectivity to all of our locations should not exceed \$900 per month per installation. This would mean an annual cost of providing the fiber connections would be no more than \$75,600.00. Depending on which build-out features and installations are approved the cost should be less than what is being suggested.

The creation of this fiber network would then provide the basis for our NG9-1-1 ESInet and put the transition to NG9-1-1 one step further in the process.

MOTION: To recommend to the Finance and Equipment Committee the purchase of a Fiber Connectivity Solution for the six (6) PSAPs and the Data Center at the County Building based on the responses from the RFP on August 12, 2014.

C. Two Factor Authentication – Recently the State of Illinois and CJIS notified all of their reporting agencies using LEADS and other reports that two means of identification will be required to log on to the system. The original notification came out in July of this year with the requirement that all agencies be compliant by September 2014.

Our current NetMotion product supports and provides the format for this type of identification known as “Two Factor Authentication”. This means that to log on an officer would need to provide two means of identification that he is who he says he is instead of just a password. Staff contacted NetMotion for pricing on the product with the thought that the ETSB could pay for the installation and hardware costs and pass the licensing and annual maintenance costs on to the agencies at our group discounted pricing.

Staff received three proposals from NetMotion, AT&T, and CDW-G. The lowest proposal for the project came from CDW-G.

The cost to the ETSB for the hardware and installation would be \$4,784.60.

The cost for licenses and 1 year of maintenance would be \$43.28 per license. The staff is recommending the purchase of 800 licenses based on current needs. The total cost for licenses, maintenance and annual support would be \$33,664.60. Again, this cost would be reimbursed to the ETSB by the agencies.

The total cost of the program for the ETSB and agencies would be \$39,408.60.

MOTION: To move to the Finance and Equipment Committee the recommendation to approve the shared in cost of purchasing a “two factor authentication” program with our agencies in the amount of \$39,408.60. The cost of installation and maintenance to the ETSB will be \$4,784.60. The cost of licensing and one year of maintenance and support to our agencies would be \$43.28 per license or \$34,624.00 for 800 licenses. The license and maintenance costs will be reimbursed to the ETSB by the agencies.

D. Steger Equipment Moves – With the closing of the Steger PSAP much of the equipment is being relocated to the Eastcom PSAP.

E. Microwave Redesign – With the closure of the Steger PSAP and the recent fire in the building staff has been looking at a possible redesign of the Microwave Network on the east side of the County. Eastcom has had an unprecedented amount of service interruptions due to microwave

failure. This has been primarily due to the large amount of summer storm occurrences this year. Staff has met with Sentinel and come to the conclusion that some of our longest “hops” may be too long. It seems that we have no weather interruptions to the network in “hops” of less than 7 or 8 miles. Some of our longest hops are now 12 miles long. Additional information and recommendations on the subject will be provided by staff.

VII. ADDITIONAL COMMENTS

VIII. MOTION TO ADJOURN

All closed sessions may be held at any time during the meeting. Anyone requiring special accommodations in accordance with the Americans with Disabilities Act is requested to contact the Administrative Offices of the Emergency Telephone System Board at (815) 725-1911 at least 72 hours prior to the meeting.

**The next meeting of the 9-1-1 ETSB Tech Advisory Committee
will be held on Wednesday, October 1st at 1:00 p.m.**