Approved Minutes
Public Safety Data Network Governance Board
December 17, 2014
Department of Emergency Services and Public Protection
1111 Country Club Road
Conference Room 348
Middletown, Connecticut

Committee Members	Representing
Ernest Herrick	Volunteer Fire Service
John Elsesser	Council of Small Towns
Ted Schroll	Connecticut State Firefighters Association
Jeffrey Vannais	Manager 9-1-1 PSAP

Others in Attendance	
William Youell	Division of Statewide Emergency Telecommunications
Steve Verbil	Division of Statewide Emergency Telecommunications
John Masciadrelli	Division of Statewide Emergency Telecommunications
Bonnie Guarnieri	Division of Statewide Emergency Telecommunications
Mark Raymond	Dept. Administrative Services/BEST
Jerry Johnson	Dept. Administrative Services/BEST
Jacque Cassella	Dept. Administrative Services/BEST
Jeff Otto	QVEC
Sean Thakkar	Council of JIS
Chief Doug Fuchs	Redding Police Dept.
Stephen Schnell	Redding Police Dept.

Call to Order
Ernie Herrick called the meeting to order at 1:00 p.m.

Approval of the minutes:
Jeff Vannais made a motion to approve the minutes of August 20, 2014. John Elsesser seconded the motion. The minutes were approved.

Correspondence
No correspondence.

PSDN Technical Update
Jerry Johnson reported that after several months of work, BEST network services successfully segmented the PSDN Phase I flat layer 2 network. The PSDN Phase I network was segmented by implementing a layer 3 core. In addition to segmenting the layer 2 network, BEST converted approximately 100 Connecticut On-Line Law Enforcement Communications Teleprocessing (COLLECT) sites to a L3VPN (Layer 3 Virtual Private Network). Mr. Johnson stated that moving to a layer 3 network improves the overall resiliency of the PSDN. Mr. Johnson also reported that the software on the Cisco Aggregation Services routers were upgraded to Service Pack 1, which included bug fixes and software enhancements required for the proper routing of Next Generation NG9-1-1 calls.

Bill Youell requested that someone elaborate on the acronyms.

Mr. Jacque Cassella distributed a document identifying the percentage of bandwidth allocated to services placed on both the Phase I (Xponder) and Phase II (Carrier Packet Transport - CPT) sides of the PSDN. Mr. Cassella identified there is very little bandwidth being used on the PSDN but a significant amount of bandwidth has been committed to PSDN customers. In the near future the BEST network team will provide the PSDN Governance Board with the amount of bandwidth being used on the PSDN. Mr. Jeff Vannais asked if the governance board approved PSDN requests are operating on Phase I or Phase II of the PSDN. Jacque Cassella stated that the approved PSDN requests reside on Phase II infrastructure. Mr. Cassella stated public safety applications on the PSDN are subscribed committed information rates (CIR). By providing a PSDN customer with a CIR they are guaranteed a specified amount of bandwidth. The BEST network group utilizes spreadsheets to track the CIR for each circuit in the PSDN. Mr. Johnson presented the meeting attendees with a spreadsheet titled "On ring Utilization Report (Mbps) CPT and Xponder." The spreadsheet identifies the percentage of bandwidth allocated to PSDN customers in each ring of the PSDN.

Jeff Vannais asked: besides COLLECT and NG9-1-1 what type of network traffic will be carried on the Xponder side of the network?

Mr. Cassella answered Connecticut Information Sharing System (CISS).

Mr. Vannais asked if it is true that the NG9-1-1 traffic was segregated from everything else.

Mr. Cassella answered that yes, it is true.

Mr.Vannais expressed concern of a possible situation where 911 traffic is increased due to a large scale event, would the pipe that is segregated become congested and is there anything in the network planning that allows it to ride over onto another part of the platform?

Mr. Cassella answered yes. The committed bandwidth for 9-1-1 is based on the maximum number of 9-1-1 call the NG9-1-1 system can present to the network at any given time. The CPT platform is also being used as a back-up network to the Xponder platform which also provides adequate bandwidth to satisfy peak usage.

Bill Youell stated that the network has been designed for 100% capacity.

There was a lengthy discussion regarding this matter.

Jeff Vannais questioned if the CPT platform could possibly be used to reroute calls to a backup/secondary PSAP. This would allow a PSAP to handle its own calls in the event a primary PSAP is evacuated.

Steve Verbil stated the CPT and Xponder platforms were not designed with the same reliability. The Xponder platform was designed to transport 9-1-1 services and was fortified accordingly.

Bill Youell stated that regarding the concept of using the CPT platform as a backup is in the early stages. A meeting was held yesterday on the topic. Issues of security, routing and protection are being discussed as they relate to the CPT platform becoming a potential resiliency option for disaster backup for the whole network.

Mark Raymond stated that the discussions to date have not been around relocating PSAPs to locations on the CPT platform but to use the CPT platform to provide an alternate route for 911 calls in the event there is a problem with the primary network (Xponder platform). This is a new construct to be considered.

Jeff Vannais suggested that this matter should be addressed.

There was a discussion regarding this matter.

Jeff Otto verified that these concerns were brought up over a year ago by Jeff Vannais.

Steve Verbil stated that at that time, there was no possibility of any connection between the two platforms. The tertiary path that BEST has created where it might be possible to use the CPT platform to transport 9-1-1 calls is something new.

John Elsesser questioned if the CPT platform and Xponder platform are all considered part of the PSDN.

Jerry Johnson answered yes.

Application Status Report

John Masciadrelli reported that the state continues to receive requests to utilize the PSDN for public safety applications. To date, DSET is in receipt of 72 requests to utilize the PSDN. DSET has received nine new requests since the last PSDN Governance Board meeting. Of the 72 requests, 18 are in the pre-qualification stage of the PSDN specification process, seven are in the network design stage and 11 requests are on hold. To date, 32 requests have been raised, reviewed and voted by the PSDN Governance Board. Of the 32 requests, 22 are awaiting an install date or customer "site readiness" and six request are in the process of being installed and four requests are installed and operating on the PSDN. The PSDN Governance Board will be reviewing and /or voting on four requests today.

Jeff Vannais asked if there have been any applications that have been denied even before they have been presented to the Board.

Mr. Masciadrelli answered yes, only if there has been a request for internet on the public safety side of network.

Mr. Elsesser questioned if the latency issues have been resolved.

Jerry Johnson answered yes.

Application Review and Approval
John Masciadrelli presented request NM14051 for DESPP. The request is for connection of their primary P25 radio system to their redundant system, and it will be used for disaster recovery. This is a core application for review only. No vote is necessary.

John Masciadrelli presented request NM14052 for DESPP. The request is for a circuit from Bradley Security Building to CTS in Rocky Hill for the transport of P25 digital logging recordings to the backup server. This is a core application for review only. No vote is necessary.

John Masciadrelli presented request NM14054 for the Plainville Police Dept. Part (A) is a CAD application and does not require a vote. Part (B) is an internal fire dispatch and alarm logging system database between the fire department and police department. John Elsesser made a motion to approve the application, and Jeff Vannais seconded the motion. The application was voted on and approved.

It was determined by the group that the requestors should have representation at the meetings.

John Masciadrelli presented Nutmeg Network request NM14068 for the Redding Police Department which is a request for use of the PSDN to provide a link between the Redding Police Department and three schools in order to view the schools. Stephen Schnell stated that AT&T U-verse was brought in about 1 ½ years ago to set up a VPN connection between the police department and the three schools for monitoring purposes. With addition of more cameras in the schools, more bandwidth was needed. Frontier has stated there is no available bandwidth to increase the size of Redding PD's circuit.

Chief Fuchs stated that the schools insist that the police department is the only entity that will monitor the schools.

Ted Schroll requested the name of the third school involved.

Mr. Schnell stated that the John Read School is a CEN site that services both schools. One connection goes to the middle school and one to the high school, which currently has 21 cameras and is expected to add an additional 20 cameras.

John Elsesser made a motion to support the application, and also informed Chief Fuchs and Mr. Schnell that because the police department is on the PSDN they can buy internet service through CEN directly for approximately $1,300.00 per year. Jeff Vannais seconded the motion.

The application was voted on and approved.

Discussion

Public Comment
No Public Comment.

Adjournment
John Elsesser motioned to adjourn the meeting. The motion was seconded by Jeff Vannais. The meeting was adjourned at 1:42 p.m.