Approved Minutes
Public Safety Data Network Governance Board
February 21, 2024
Department of Emergency Services and Public Protection
1111 Country Club Road
Teams Conference Call
Middletown, Connecticut

Committee Members	**Representing**
Robert Grauer	Manager E9-1-1 PSAP
Jeff Morrissette	State Fire Administrator DESPP
Bob Guthrie	Volunteer Fire Service
Raffaella Calciano	DPH/OEMS

Others in Attendance

Clayton Northgraves	Division of Statewide Emergency Telecommunications
Stan Dombrowski	Division of Statewide Emergency Telecommunications
John Masciadrelli	Division of Statewide Emergency Telecommunications
Chuck Fuller	Division of Statewide Emergency Telecommunications
Bonnie Guarnieri	Division of Statewide Emergency Telecommunications
Steve Johnson	DESPP
John Walshaw	DAS/BITS
Lauren Clarke	DAS/BITS
Tim Searles	DAS/BITS
Phil Nassetta	DAS/BITS
Dennis Mitchell	DPH
Rich Gordon	Adesta
James Francisco	Adesta
Braho Hodzic	Adesta
Glory Bulkey	DESPP
Paul Bruce	Hartford

Call to Order
Bob Grauer, Acting Chair, called the meeting to order at 10:33 a.m.

Approval of the minutes
Bob Guthrie made a motion to approve the minutes of December 20, 2023. Ralf Calciano seconded the motion. The minutes were approved.

Public Comment
No Public Comment.

PSDN Refresh
John Masciadrelli reported on the Greenfield deployment (new PSDN fiber). The equipment installation for PSDN Phase I, which are the main 7 rings of the PSDN, has been completed for a total of 109 sites. The equipment installation for the PSDN Phase II subrings, which are 61 sites, has also been completed. A total of 170 Greenfield sites have been completed to date.

The Brownfield sites (existing PSDN fiber) have all been kitted and are awaiting deployment. It is

anticipated that the Juniper implementation plan for the Brownfield sites will be completed for review the first week of March and the equipment installation will begin the third quarter of this year.

Mr. Masciadrelli reported that integration and training of the Anuta ATOM, the software package that the state purchased to allow Juniper/BITS to design, provision and manage the PSDN more proficiently, has been completed. Juniper/BITS has the ability to provision circuits on the PSDN using the Anuta software.

PSDN Technical Update
Phil Nassetta reported the Public Safety Requests Fulfilled:

- o L2VPN for P25 radio service between Wethersfield PD and Hartford PD
  - o L2VPN between DOT HQ and VA Rocky Hill Tower site.
- Open Access Requests Fulfilled
  - o CEN ISP Service to Prospect Fire Dept.
  - o CEN ISP Service to Enfield DMV
  - o Management circuits to 35 locations for new PSDN network equipment
  - o UPS/PDU Management circuits to two PSDN locations

Application Status Report
To-date 215 PSDN requests submitted to the PSDN Governance Board are in the pre-approval stage or have been approved and are operating on the PSDN. 193 of those requests have been raised, reviewed and/or voted on by the board. All 193 requests have been approved to operate on the PSDN. There are 183 requests operating on the PSDN. There are 10 additional requests awaiting an implementation date or are in the process of being implemented. The remaining requests are in various stages of the connection process.

Application Review and Approval
John Masciadrelli presented request NM18601, Hartford Emergency Services and Telecommunications is requesting access to the PSDN to provide backhaul services for Hartford PD's new P25 compliant simulcast radio system. This is a Core Service request, and no vote is necessary.

John Masciadrelli presented request NM18609, The Department of Emergency Services and Public Protection (DESPP), Connecticut Telecommunications System (CTS) is requesting use of the PSDN to backhaul the Emergency Telecommunications System (ETS) Voice over IP (VoIP) network to Department of Transportation (DOT), Newington. The ETS network provides internal voice communications between CTS sites (including State Police Troops and radio tower shelters), regional dispatches, various public safety partners, and the Network Control Center (NCC) located at 1111 Country Club Road. Communications external to the ETS network can be blocked over this PSDN circuit, preventing external dial-tone/PSTN access. Bob Guthrie made a motion to approve the application. Jeff Morrissette seconded the motion. Application NM18609 was approved.

John Masciadrelli presented request NM18612, Genomics High Performance Computing
The State Laboratory analyzes genetic material ("genome sequencing") in order to positively identify biological agents. The results of these analyses not only identify the specific type/classification of biological agent, but also provide a "DNA fingerprint" that can be used to track exposure to the same exact biological agent (identical organism) that has spread to other persons, animals, and/or regions. Furthermore, through cooperation with other laboratories across the nation and world, the genetic analysis work can be used to help pinpoint the source of a biological agent.   For example, very recently the Connecticut State Laboratory used genetic analysis to identify a biological agent that was causing blindness and death in persons, and through its cooperation with Laboratory in California, the Connecticut State Laboratory was able to determine that the same biological agent (same organism) had originated from contaminated eye drops

distributed by the same company. This effort at the State Laboratory prevented other people from losing their sight and lives.

The Connecticut State Laboratory is charged with assisting law enforcement agencies in the event that there is possible bioterrorism. To date, most of this assistance comes in the form of receiving and testing white powder substances. That said, as bioterrorism becomes increasingly sophisticated, the use of genetic analysis to identify and trace biological agents will become extremely important.
The genetic analysis work requires some onsite sampling and initial analysis at the State Laboratory. The remainder of the analysis must be done with high performance computing devices in the State's Data Center in Groton, as well as in the Cloud. Due to the sheer volume of genetic data (even for small biological agents), the State Laboratory requires a data pipeline capable of supporting significant data volumes, such as a fiber optic line. Given the importance of the State Laboratory's genetic analysis work to public safety, and the State Laboratory's need for significant throughput for the genetic analysis, the State Laboratory seeks use of the PSDN for its Genomics High Performance Computing solution. NOTE: the Laboratory utilizes several devices and several software applications from different vendors to do genetics analysis work. The State Laboratory seeks use of the PSDN for the set of devices and software that collectively make up its Genomics High Performance Computing solution. Raffaella Calciano abstained from the motion. Bob Guthrie made a motion to approve the application. Jeff Morrissette seconded the motion. Application NM18612 was approved.

Discussion
John Masciadrelli announced that the next PSDN Governance board is scheduled for April 17, 2024.

Public Comment
No public comment

Adjournment
Ralf Calciano motioned to adjourn the meeting. The motion was seconded by Jeff Morrissette. The meeting was adjourned at 10:45 a.m.