

To: [Gnas, Peter](#)
Subject: RE: Projects/tasks/issues
Date: Thursday, February 9, 2023 12:11:09 PM

Respectfully,

Adam Grochowski
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-----Original Message-----

From: Gnas, Peter
Sent: Wednesday, October 7, 2020 10:57 AM
To: Grochowski, Adam <agroch@milwaukee.gov>
Subject: Projects/tasks/issues

Here are the list of items that I am tracking, please note that there may be other issues/tasks/projects that others are tracking..

Thanks for your help.

The only item not listed here because I haven't received any requests are the surveillance drone/camera vans and the command bus re-design.

START

ITEM: BriefCam Mobile Server^{L}_{SEP}

ISSUE: deliverable from the briefcase system which enables external access to the video through a mobile device.^{L}_{SEP}

RECOMMEND: review features, requirements and security implications of providing an external

server to access video assets. Review the network requirements with ITMD and integration into the video network. [1] [SEP]

ITEM: EOC Upgrade and equipment. [1] [SEP]

ISSUE: after review of the specification for the EOC upgrade, it appears that they did not include any streaming support. There are 16 Jupiter encoders which can share video, however, we are uncertain if they will be capable of running on our network and have the necessary bandwidth needed. [1] [SEP]

RECOMMEND: Meet with the vendor who is awarded with the bid asap to discuss actual requirements and potential gaps. Met with ITMD to discuss network changes for this service, it was determined that we will be creating a vSys on the PaloAlto which is a virtual firewall for this network and this also provides the ability to manage traffic more effectively. Lining up personnel for the project as well. Currently looking to Dan and Jamal. I am moving this to a project. Jamal will be heading this initiative up. I have provided requirements. Equipment is being installed currently. Jamal began reaching out to areas. I would like to request that desktop install the endpoints/streaming devices as they are windows 10 workstations and will require standardization. Infrastructure team will be involved with integrating the equipment and services in the new network platform. Kari has been added to this project. She has been trained on Canvas and will assist in the integration. [1] [SEP]

This project was sponsored by the DNC task force and headed by Officer Limberg, who was in coordination with Sgt. Grochowski on several occasions. Last update is that due to the reduced DNC footprint this project was suspended while DNC staff coordinated with the BJA on what projects would be permissible.

ITEM: DNC Mobile Observation tower [1] [SEP]

ISSUE: Would like remote connectivity to a mobile observation tower which is currently equipped with 2 cameras and a DVR. [1] [SEP] RECOMMEND: Peter Kendl is reviewing and will provide potential recommendation. Will reach out to Matt D when he returns from vacation. Kendl is attempting to route through the cradlepoint and still working on the solution. Kendl was unable to get the hardware to work properly through the Cradlepoint and access remotely, we will look to replacing the internal hardware with camera servers or potentially IP Cameras after the DNC. This will have to be addressed post DNC, I will create a project for this as well as the remaining trailer cameras. Requesting that the cameras be converted to IP based cameras and installation of a Cradlepoint router to work in our existing environment. Leaving this on as it needs to be dealt with, transferring to project.

ITEM: UWM Camera Access [1] [SEP]

ISSUE: Fusion Center Requesting UWM Camera Feed into Live Earth. [1] [SEP]

RECOMMEND: City Fiber is available and awaiting connection details. Post DNC. [1] [SEP]

Project remains in a pending status. UWM has expressed a tentative willingness. Fusion shall update a firmer update.

ITEM: STAC/Fusion Trailer Camera Setup [1] [SEP]

ISSUE: 4 trailers /16 cameras are being upgraded with Cradlepoint routers and new software. [1] [SEP]

RECOMMEND: Kendl is making the router upgrade/configuration in netcloud, working with vendor on configuration. 3 out of 4 have been completed. 3rd camera trailer is being re-conditioned.

Waiting for delivery of trailer. Received request for documentation of the networking and systems/camera configuration for IFC. We typically do not provide this information outside of our department, please advise if we should provide this. We will provide documentation as necessary. I have created an open source streaming server to test with the trailer cameras as there is a need to have multiple feeds. This will happen after the DNC. Kendl will be assisting the week of 10Aug2020 to get trailer #3. This will be addressed post DNC. ^{SEP}

STAC funding was obtained for the refurbishment of trailers One through Three. That portion of the project and provisioning of those trailers has occurred. Ongoing support has been requested by Fusion as problems develop. Funding for Trailer Four has recently been awarded. Refurbishment of that trailer will likely not occur until November and IT involvement potentially in late November to provision the Cradle Point and network connectivity.

ITEM: Equip MCSO vehicle with ALPR (Network)^{SEP}

ISSUE: MCSO would like to pilot test our ALPR and MPD agreed to install ALPR in car. ^{SEP}

RECOMMEND: Since MPD agreed and the equipment is being installed, I will setup a meeting with County IT as well as ITMD and Christian with regards to network connectivity and security. MCSO Car has been equipped, waiting for go-ahead to work with county to make the connections. On hold until after DNC

Memo submitted to Sgt. Wiorek by Fusion. Awaiting scheduling from IT management.

Pole Camera Network Security— Define and document the current network environment. Identify the services which are currently in place and gather requirements for desired/planned services. Work with ITMD, Fusion, Applications and security to identify and outline risks associated with the current environment. Develop a policy with regards to the requirements for equipment and access to this network. Require an additional domain controller for this network, This will NOT be a virtualized DC, so a purchase of hardware and windows licensing must be done. I have received quotes for this which are ~\$5000. This is necessary as we are maintaining network security zones/boundaries for authentication services. This will be a READ ONLY Domain controller. Received quote for ReadOnly Domain controller and licensing Order has been placed for new RODC. KENDL is installing and considering the domain controller.

BOSS ALPR/Web upgrade/re-write — Work with Sgt Brian Damon to re-develop the ALPR web application which allows users to query ALPR data. Dan Gdula worked with Sgt Damon to discuss the application, waiting on replication of database for test environment. Servers and software have been created and purchased. Dan and Sgt Damon have started working on building the application on the new server Identified that ALPR server has SQL Express with a size limitation of 12GB, this will need to be replaced with a licensed version of SQL PRO. 8 Core, ~ \$8,000. I am awaiting an accurate quote from CDWG. Please note, the current ALPR setup has SQL Express installed which has a limitation of 10GB. ^{SEP}

Pending; Fusion is working with IT networking (Peter K) and CelPlan Technologies to integrate the email server into Genetec. This use case will take priority (allowing Fusion to automate

Mobile ALPR — Deployment of Mobile Automated License Reader Software. Server has been received, awaiting install. Dell Server OS installed and server configured, scheduled to install server

04MAY2020. Installation and testing this week, tested the ALPR network and integration points. Cars are being installed and to be finished by 05MAY2020. Cars have been completed and tested. Dan has integrated into genetec and live earth. Configured the LDAP/Active Directory module and it does not support 'Nested Groups', this is a requirement, vendor is researching latest version for support. Peter Kendl will be working with testing a patch that fixes the nested groups options 13JULY2020 Patch has been applied, Christian needs to work with Kendl and Drought to understand the management of the security groups. . Learned that machines are not syncing locally from the server due to local group permissions, We will be working with Matt and PCS mobile. Currently the firewall is blocking the ports from the mobile network to the ALPR server, Dan Brousseau will address when he returns from vacation 05AUG2020. Reads and hotlists are available in the system, the Active directory is still an issue however, It has been reported that it is functional.

Milwaukee County BUS/Tram camera integration — Integration off Milwaukee County Bus cameras into the IFC Genetec Pole Camera System. Currently working with Celplan (Vendor for our pole camera solution deployed at IFC) no information Post DNC

Thanks again

Pete

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Pete Gnas

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