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| **Computer Aided Dispatch** |
| Active Directory – Used for end user security group management across the majority of NSP application. Integrating with Microsoft AD would allow for uniformity and familiarity with sign-on and group management. |  |
| Airwing - Microwave Downlink – Used to stream live video from NSP aircraft, via microwave sites throughout the State. |  |
| Analytics & Reporting – Monthly “dashboard” reports are generated for statistics and required reporting. Much of this data is generated in CAD. |  |
| ASAP to PSAP – DELETE – DO NOT NEED |  |
| AVL - Motorola APX Next – APX NEXT provides real time device location via GPS over LTE. Needs to interface with CommandCentral Aware. |  |
| AVL - MACH – The existing Mobile solution is called Mach which uses AVL to transmit location coordinates back to CAD. If NSP elects to keep the Mach Mobile and AVL solution, the CAD vendor will need to interface to the solution. When the vehicle transmits the latitude/longitude coordinates back to CAD, the coordinates will need to be converted to the closest address point or mile marker. The replacement CAD solution should allow for reverse geo-coding of the coordinates to the closest mile marker/post based on agency-defined parameters to allow CAD and mobile users to quickly and easily locate units and calls.  |  |
| Body Worn Camera – Need interface to function with GETAC for automation of case creation, asset tagging, categorization, and pairing of video assets to calls for service. |  |
| CAD to LERMS - Niche (bi-directional) – Ability to pull CAD data into NICHE RMS for agency reports. Interface to pull RSM data into CAD via a query.  |  |
| Crash Reporting – TRACS - Monthly “dashboard” reports are generated for statistics and required reporting. Much of this data is generated in CAD. |  |
| eCitation – TRACS - Monthly “dashboard” reports are generated for statistics and required reporting. Much of this data is generated in CAD. |  |
| E911 – Intrado- Intrado via Viper is our phone system. Interface will map location when available on a 911 transfer to CAD. |  |
| Emergency Management – SalamanderLive - The trooper will use a barcode scanner to scan their ID’s in the Salamander application in the field as they arrive or leave a scene of events. The “unit history” would automatically populate into CAD call or CAD event.  The unit history will be searchable and reportable. |  |
| GIS/Mapping – CAD mapping interface with a GIS system. State of Nebraska has a GIS database to possibly integrate with.  |  |
| GIS/Mapping - Live data sources (weather, road closures, etc - CAD mapping interface with a GIS system. State of Nebraska has a GIS database to possibly integrate with. |  |
| GIS/Mapping - NDOT IP Cameras – NDOT uses a program called IRIS.  This allows dispatch to see the NDOT cameras along the interstates and highways to have a view of road conditions, incidents, and flow of traffic. NSP currently has this program running on a single separate monitor.  It’s helpful to have this integrated into a CAD map to see the camera in the area of the incident quickly.  |  |
| In Car Video – GETAC - Need interface to function with GETAC for automation of case creation, asset tagging, categorization, and pairing of video assets to calls for service. In-car system also allows for “live viewing” by dispatchers/supervisors. |  |
| Mass Notification – CodeRED - If a paging solution is not built into CAD, an interface with CodeRed is needed. CodeRed (also called OnSolve) is a mass notification system used for internal call out pages/texts (such as a SWAT page, K9 page, etc) and a mass notification system for those working in a state facilities.  |  |
| Nebraska Intelligence and Threat Exchange (NITE) API only – Interface for NITE to return CAD call result when performing a query. NITE is an internal application built by in-house developers. Also could be useful to have CAD return results from NITE when a CAD query is completed. |  |
| Page Gate – DELETE – DO NOT NEED |  |
| Push-to-Talk – Motorola – Our radio system doesn’t currently allow for advanced data, however we would like to be ready for the possibility of PTT location data to integrate into CAD/AVL if/when the service becomes available. |  |
| NG 911 Integration - Intrado via Viper is our phone system. Interface will map location when available on a 911 transfer to CAD. |  |
| RapidSOS - can interface with cad providing accurate map location and location history based on caller’s phone number and location when 911 call is transferred. |  |
| Real Time Crime Center – For future consideration to allow for the RTCC provider to send video and video files to the CAD system to be saved to the call history. |  |
| Schedule Anywhere – Trooper’s and Investigator’s utilize this system for their scheduling. Interface between Schedule Anywhere and CAD would great assist with knowing who is on-call, on vacation, light duty, etc. |  |
| State/NCIC Interface (query, entry, and update) The CAD System should be able to interface with our state message switch. Not all Message switch queries are needed, but in our current system, they can query a vehicle by plate/vin, Driver by name and DOB or DL #, Stolen articles, guns, criminal histories, etc. If they need to know who our State Switch vendor is, I assume we can tell them we use the OMNIXX system from Datamaxx. (Chris can correct me if I am wrong.) |  |
| Omnix for NCIC - The capability of a CAD interface to the CLEIN message switch should only be to compliment and simplify routine NCIC/Nlets transactions but leave the “heavy” specialized “non-routine” transactions with Datamaxx. It would take too much to reinvent the wheel in order to have a CAD system have the same capabilities as what Omnixx provides.  |  |
| State/NCIC Interface from RMS- In our current CAD, the dispatchers have the ability to ask Niche for a case number. From a technical standpoint, NSP can handle all of the mechanics of talking with NICHE, as we do this currently. The CAD system simply needs to have an interface to send a request for a case number, along with the CAD Call Number, then receive a response. |  |
| State/NCIC Query to populate Niche RMS Master Name and Vehicle - The CAD system needs to have a periodic export of completed CAD Calls to be imported into the RMS system. Ideally, there is some way for the Case Number generated by NICHE to be written back to the CAD Call if there was not one requested previously. Generally, not all CAD Calls need to have a case created in NICHE, so hopefully there is some way to customize which calls are sent. (The actual details of these filters would depend on how the new system works and what Dispatch and the Troopers feel is needed.) |  |
| Towing - Tow Xchange - NSP uses a tow rotation based on county, to determine who is next on the list for a tow.  All vehicles towed are then entered into NIS hot files (through Omnixx). Tow Exchange:  any vehicle towed in Omaha/Douglas County go to the OPD impound lot rather than the tow company lot.  Tow Exchange is the program used by the OPD impound lot to document the tow is required prior to the tow company arriving at that lot.  No NIS entry required |  |
| Towing - Omnix for towing - Enter a towed vehicle into state hot file from CAD |  |
| Voice Recording and Logging - Eventide –All radio traffic and dispatch phone calls are recorded into Eventide, by Media Works NexLog. Interface need to quickly playback previous radio transmission or review calls.  |  |