

CCLEA INTEGRATION DESCRIPTIONS

ACTIVE DIRECTORY

Microsoft Active Directory is utilized as the directory service to manage all of the user accounts in CCLEA. An integration will be required to authenticate users to utilize the Mark43 software products.

CLASSWEB

CLASSWEB is the CCSO application that is utilized as the Jail Management System (JMS). Mark43 will expose an endpoint for CCLEA to get booking information and any relevant warrant or custody information from the RMS and post mugshots and attach them to the corresponding arrest report.

CAD (CAD DATA WAREHOUSE)

Because CCLEA's will continue to use its legacy CAD product, Mark43 will be responsible for building an interface to the CAD database that will allow officers to:

- Search CAD tickets in Mark43 RMS
- Create reports based on the reporting event number from the CAD ticket
- Pre-populate basic information on a report with read-only data from the CAD ticket

This will be a one-way interface, with data pulled from CCLEA's CAD data warehouse into Mark43 RMS. This CAD data warehouse interface will run every three minutes, or as frequently as deemed necessary by the department. The Mark43 Interface Server will connect directly to the CAD data warehouse within the firewall on CCSO's network and pull data out on a scheduled job and transfer the data to the Mark43 RMS API. This will be the responsibility of the Mark43 Technical Services Team.

The scope of data work for the integration between CCLEA's CAD data warehouse and Mark43 RMS is detailed in the following table:

Searchable in Mark43 RMS	Pre-populated in Mark43 RMS	Out of Scope
<p>The following fields from the CAD ticket will be searchable within Mark43 RMS:</p> <ul style="list-style-type: none"> ● CAD event number ● Reporting event number ● Event date 	<p>The following fields will be pre-populated (non-editable, for display only) on the report from the CAD ticket:</p> <ul style="list-style-type: none"> ● CAD event number ● Reporting event number 	<p>Mark43 is not responsible for any cleansing or manipulation of CAD data outside of data field and attribute mapping on transfer to the Mark43 RMS. Mark43 is not responsible for transferring any</p>

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<ul style="list-style-type: none"> • Call type • CFS type • Primary responding units, other involved units • Primary officers, other involved officers • Event location 	<ul style="list-style-type: none"> • Event date • Event Location • CAD Notes 	data back into the CAD data warehouse.
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There is currently an ongoing project to replace the existing Tiburon-CAD system with a Tri-Tech CAD system (which is scheduled to go live in 2018). As such, Mark43 will be building the CAD integration against the CAD data warehouse (which is currently being populated with data from Tiburon, and will be populated with data from TriTech when the new CAD goes live). In order for this to work, CCLEA's will need to ensure the following:

- The CAD data warehouse will be updated at a reasonable, near-real time basis
- The schema for the data warehouse will change minimally when the CAD system is cutover to the TriTech system
- The CAD data warehouse will be populated with data from the new TriTech CAD system at cutover on a near-real time basis

**Please note that this description may be subject to change after Mark43 does a thorough review of the CAD data warehouse*

APS REPORT BEAM

APS Report Beam is utilized for issuing electronic traffic citations, warnings and documenting traffic collisions. An interface will be built to transfer traffic citation reports from Report Beam to the RMS. Mark43 plans on building this interface against the file extracts that are available and currently being provided by Report Beam. For the avoidance of doubt, traffic collisions are out of scope as CCLEA currently lacks a setup with APS to get the collision reports.

PROSECUTOR BY KARPEL

Prosecutor By Karpel is the Case Management application used by the District Attorney in Clackamas County. An interface will be required to send new and updated reports to the District Attorney's office

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when reports are slated for DA review. Mark43 will be responsible for generating an XML extract in the format specified and to be consumed by the DA's Office.

THIRD-PARTY DATA SHARING

In the course of the Department Assessment, Mark43 identified the following distinct third-party data exchanges that receive downstream data from CCLEA's RMS and CAD:

LEDS/NCIC/Oregon DMV: The Law Enforcement Data System (LEDS) is the statewide data system operated by Oregon State Police. It is currently used by CCLEA to input and query national and statewide criminal justice information, to include NCIC, NLETS, and the Oregon DMV. CCLEA will continue to use FORCECOM to run queries and enter data. At a later date to be determined, an integration will be evaluated to send information from Mark43 RMS instead of FORCECOM. This interface is not currently in scope for the December 2017 go-live and will be developed when Mark43's Data Exchange product is live.

LINX NW: LINX is regional information sharing platform that allows for police departments to share records with each other in Oregon, Washington, Idaho and Alaska. Data will need to be sent from the Mark43 RMS to this system.

Interfaces to these systems are not in scope for the projected December 2017 go-live. The Parties agree to evaluate the requirements together and agree on a time frame for completion. CCLEA Project Managers and Decision Makers are responsible for determining which of these downstream data feeds will continue to receive information at cutover. CCLEA Project Managers, with the input of Mark43, are also responsible for determining the policies and procedures surrounding interfaces between Mark43 RMS and third-party databases. CCLEA understands and agrees that third party service providers may impose additional license, warranty and other terms on CCLEA. CCLEA understands they may need to enter into additional agreements with the third-party as reasonably required by such third parties.

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