Enterprise CAD Standard Exporter
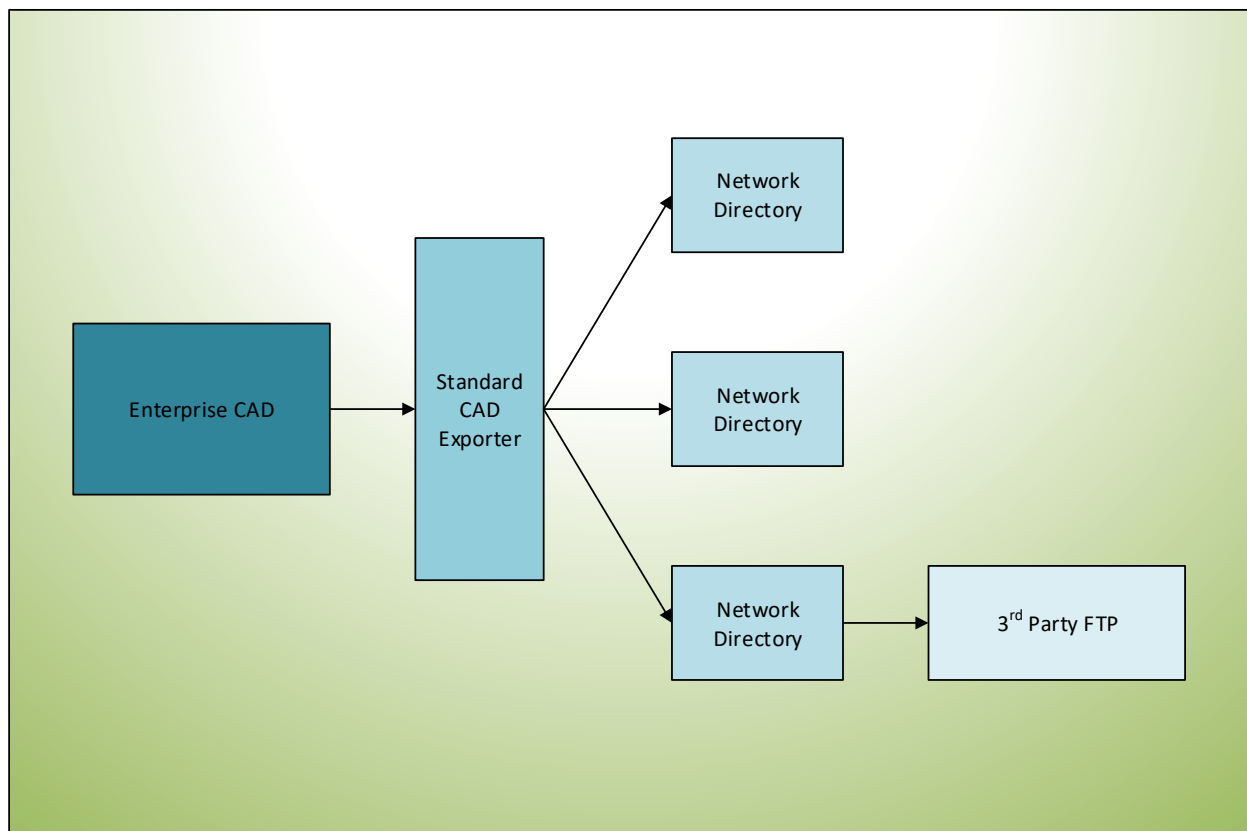
1 Overview

This interface exports active CAD Call for Service data by creating an XML file in New World Public Safety's Enterprise CAD XML schema. The XML file is then written to a directory specified by the customer. The 3rd party has the option to retrieve the file from this directory, or an FTP process can be established to send to server hosted by the 3rd party.

The interface will monitor Enterprise CAD for Call for Service types selected by the agency. When a call type that is setup to export is found, the interface will determine if the call meets all export criteria and then write the call information to the specified location. Multiple exporters can be configured to export to several 3rd party sources.

2   Configuration Options

1. Filter Options:
   a. Units ORI/FDIDs on call to export (Multiple values may be selected)
   b. The list of call types that will be exported (Multiple call types may be selected)
   c. The list of unit numbers available for export (Multiple values may be selected)
   d. The list of unit types available for export (Multiple values may be selected)
2. Workflow Options:
   a. The interval at which the interface will check for updated calls (in seconds)
   b. File Path for New World CAD XML input files to be read from by the interface
   c. File Path for interface to write files to
      i. This is the directory the 3rd party will be responsible for retrieving the files from or an FTP process can be established from
   d. Single unit per file or multiple units per file
      i. Calls can have multiple units associated to them. The 3rd party may have a preference to receiving all of the units on a call in one file or only one unit per file.
      ii. In the case of one unit per file selection, all call information will be repeated in each file
   e. Single incident per file or multiple incidents per file
      i. Calls can have multiple incidents associated to them. The 3rd party may have a preference to receiving all of the incidents on a call in one file or only one incident per file.
      ii. In the case of one incident per file selection, all call information will be repeated in each file
   f. XSLT Transform
      i. Path of XSLT file to use as transform from standard CAD XML

3   Export Triggers

1. The following events in CAD will cause a new or updated file to be written by the interface
   a. Dispatch of unit on a call
      i. The interface will not begin writing a file until a unit exists on a call and an incident number is created
   b. Unit status change
   c. Call cleared

4 File Information

1. Files will be written with according to the following naming scheme
   a. CFS_YYYYMMddhhmmssfff.xml
      i. CFS = Call for Service Number
      ii. YYYY = Year
      iii. MM = Month
      iv. dd = Day
      v. hh = Hour (24 hour)
      vi. mm = minute
      vii. ss = second
      viii. fff = milliseconds
2. The information in the XML file will conform to an XSD that will be provided to customers or 3rd parties on request

5 XSLT Transform

1. An XSLT file can be optionally provided to transform the standard XML file provided into the format described by the XLST file
   a. This can be used when modifications are required to structure or naming conventions of standard CAD XML file
2. XSLT file path location must be provided to the interface via the settings page

6 Field Listing

Call

Element	Type
FireControlledTime	xs:string
CallNumber	xs:int
CallId	xs:int
CallSource	xs:string
Location	Location
CallerName	xs:string
CallerPhone	xs:long
CreateDateTime	xs:string
CloseDateTime	xs:string
CreatedBy	xs:string
Incidents	ArrayOfIncident
Narratives	ArrayOfNarrative
AssignedUnits	ArrayOfUnit

ClosedFlag	xs:boolean
CanceledFlag	xs:boolean
AgencyContexts	ArrayOfAgencyContext
Dispositions	ArrayOfCallDisposition
Persons	ArrayOfPerson
Vehicles	ArrayOfVehicle
NatureOfCall	xs:string
AlarmLevel	xs:unsignedByte

Location

Element	Type
CommonName	xs:string
FullAddress	xs:string
Qualifier	xs:string
City	xs:string
Venue	xs:string
PoliceBeat	xs:string
FireQuadrant	xs:string
EmsDistrict	xs:string
PoliceOri	xs:string
FireOri	xs:string
EmsOri	xs:string
NearestCrossStreets	xs:string
LatitudeY	xs:double
LongitudeX	xs:double
RuralGrid	xs:string
HouseNumber	xs:int
AdditionalInfo	xs:string
PrefixDirectional	xs:string
PrefixType	xs:string
StreetName	xs:string
StreetType	xs:string
StreetDirectional	xs:string
XPrefixDirectional	xs:string
XPrefixType	xs:string
XStreetName	xs:string
XStreetType	xs:string
XStreetDirectional	xs:string
State	xs:string
Zip	xs:string
Zip4	xs:string
StationArea	xs:string
CustomLayer	xs:string
CensusTract	xs:string

Incident

Element	Type
Number	xs:string
Jurisdiction	xs:string
CreateDateTime	xs:string
Type	xs:string
TypeDescription	xs:string
AgencyType	xs:string

Narrative

Element	Type
Text	xs:string
CreateDateTime	xs:string
CreateUser	xs:string
Type	xs:string

Unit

Element	Type
UnitNumber	xs:string
IsPrimary	xs:boolean
UnitLogs	ArrayOfUnitLog
Dispositions	ArrayOfUnitDisposition
Jurisdiction	xs:string
Personnel	ArrayOfUnitPersonnel
DispatchDateTime	xs:string
ArriveDateTime	xs:string
EnrouteDateTime	xs:string
ClearDateTime	xs:string
AtPatientDateTime	xs:string
StagedDateTime	xs:string
TransportDateTime	xs:string
AtHospitalDateTime	xs:string
DepartHospitalDateTime	xs:string
Type	xs:string

UnitLog

Element	Type
Status	xs:string
DateTime	xs:string

UnitDisposition

Element	Type
Name	xs:string
Description	xs:string
DateTime	xs:string

UnitPersonnel

Element	Type
IDNumber	xs:string
ShieldNumber	xs:string
Jurisdiction	xs:string
LastName	xs:string
FirstName	xs:string
MiddleName	xs:string
IsPrimaryOfficer	xs:boolean

AgencyContext

Element	Type
AgencyType	xs:string
CallType	xs:string
CreatedDateTime	xs:string
ClosedDateTime	xs:string
CanceledFlag	xs:boolean
ClosedFlag	xs:boolean
Priority	xs:string
RadioChannel	xs:string
Status	xs:string
EmdCode	xs:string
Dispatcher	xs:string

CallDisposition

Element	Type
Name	xs:string
Description	xs:string
Count	xs:int

Person

Element	Type
Sex	xs:string
Race	xs:string
LicenseNumber	xs:string
LicenseState	xs:string
EyeColor	xs:string
HairColor	xs:string
SSN	xs:int
DateOfBirth	xs:string
LastName	xs:string
FirstName	xs:string
MiddleName	xs:string
NameSuffix	xs:string
ContactPhone	xs:long
Role	xs:string
PrimaryCallerFlag	xs:boolean
GlobalSubjectId	xs:int
HeightInches	xs:int
Weight	xs:decimal
Address	Location

Vehicle

Element	Type
GlobalVehicleId	xs:int
LicenseNumber	xs:string
LicenseState	xs:string
VIN	xs:string
Role	xs:string
Type	xs:string
Make	xs:string
Model	xs:string
Description	xs:string
Color	xs:string
Year	xs:int