iRWIn
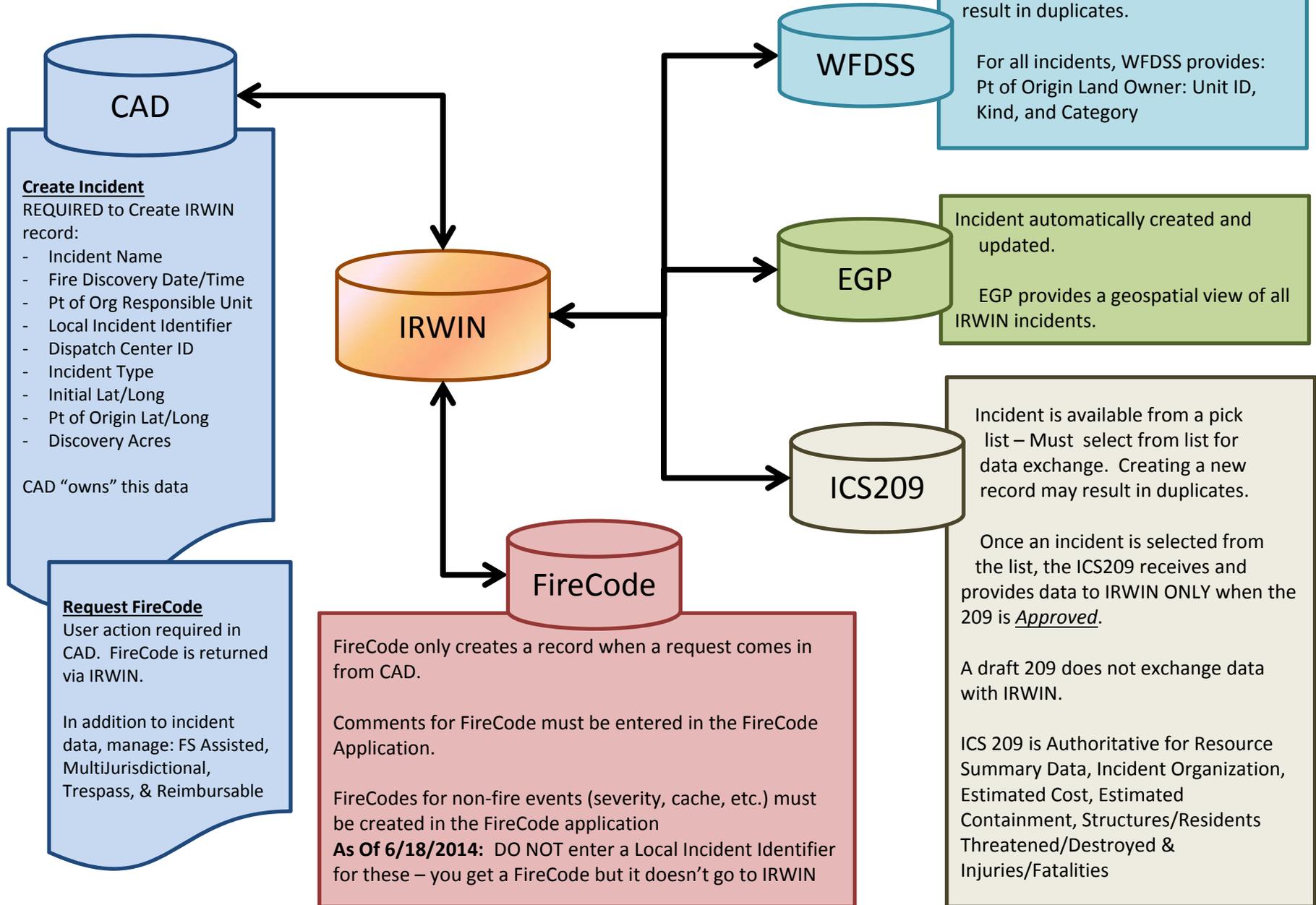
Integrated Reporting of Wildland-Fire Information
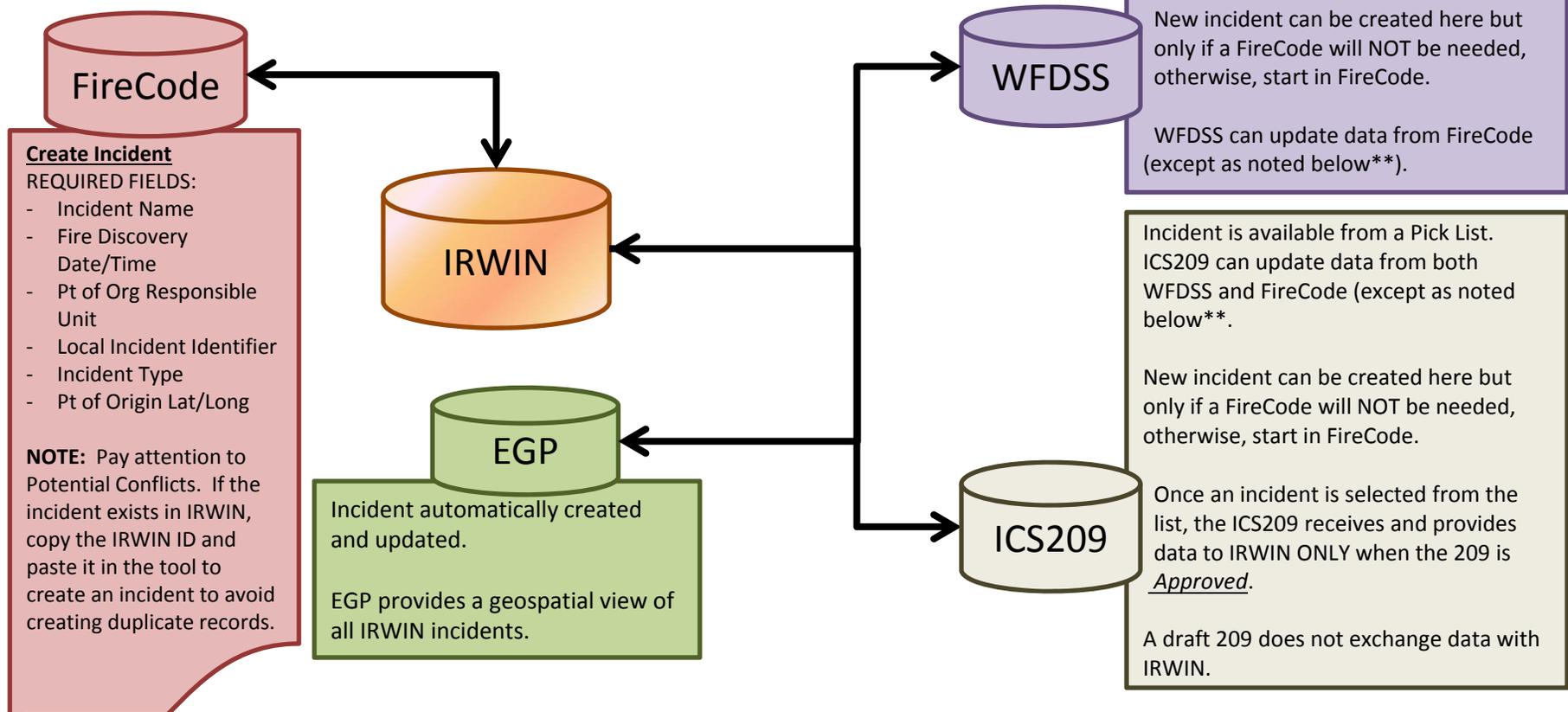
Data Flows

between Year One applications

As Of June 18, 2014

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With WildCAD 6.0 or IFM

CAD

Create Incident
REQUIRED to Create IRWIN record:
- Incident Name
- Fire Discovery Date/Time
- Pt of Org Responsible Unit
- Local Incident Identifier
- Dispatch Center ID
- Incident Type
- Initial Lat/Long
- Pt of Origin Lat/Long
- Discovery Acres

CAD "owns" this data

Request FireCode
User action required in CAD. FireCode is returned via IRWIN.

In addition to incident data, manage: FS Assisted, MultiJurisdictional, Trespass, & Reimbursable

IRWIN

WFDSS

Incident automatically created and updated. Creating a new record may result in duplicates.

For all incidents, WFDSS provides: Pt of Origin Land Owner: Unit ID, Kind, and Category

EGP

Incident automatically created and updated.

EGP provides a geospatial view of all IRWIN incidents.

ICS209

Incident is available from a pick list – Must select from list for data exchange. Creating a new record may result in duplicates.

Once an incident is selected from the list, the ICS209 receives and provides data to IRWIN ONLY when the 209 is _Approved_.

A draft 209 does not exchange data with IRWIN.

ICS 209 is Authoritative for Resource Summary Data, Incident Organization, Estimated Cost, Estimated Containment, Structures/Residents Threatened/Destroyed & Injuries/Fatalities

FireCode

FireCode only creates a record when a request comes in from CAD.

Comments for FireCode must be entered in the FireCode Application.

FireCodes for non-fire events (severity, cache, etc.) must be created in the FireCode application
As Of 6/18/2014: DO NOT enter a Local Incident Identifier for these – you get a FireCode but it doesn't go to IRWIN

Without WildCAD or IFM

FireCode

Create Incident
REQUIRED FIELDS:
- Incident Name
- Fire Discovery Date/Time
- Pt of Org Responsible Unit
- Local Incident Identifier
- Incident Type
- Pt of Origin Lat/Long

NOTE: Pay attention to Potential Conflicts. If the incident exists in IRWIN, copy the IRWIN ID and paste it in the tool to create an incident to avoid creating duplicate records.

IRWIN

EGP

Incident automatically created and updated.

EGP provides a geospatial view of all IRWIN incidents.

WFDSS

Incident automatically created from FireCode or ICS209 record.

New incident can be created here but only if a FireCode will NOT be needed, otherwise, start in FireCode.

WFDSS can update data from FireCode (except as noted below**).

Incident is available from a Pick List. ICS209 can update data from both WFDSS and FireCode (except as noted below**.

New incident can be created here but only if a FireCode will NOT be needed, otherwise, start in FireCode.

Once an incident is selected from the list, the ICS209 receives and provides data to IRWIN ONLY when the 209 is _Approved_.

A draft 209 does not exchange data with IRWIN.

ICS209

Whenever possible, create an incident in FireCode first
AND select FS Assisted for all FireCodes if there is _any_ possibility of it being needed.

As of 6/18/2014: When a record is created in FireCode, WFDSS may update the Land Owner Kind and Category. This may cause the FireCode record to be un-editible. Some users have been successful by waiting a few minutes and submitting the edit again. If not:

Data about the ignition (Fire Name, Location, Responsible Unit, etc.) can be updated in FireCode via WFDSS or ICS209.

** Data specific to FireCode (FS Assisted, Complex, Trespass, Reimbursable, & Mulitjursdictional) can ONLY be updated in FireCode. If FireCode does not allow the update, the user should contact the Regional/Geographic Area or National FireCode POCs.

These issues will be resolved in a future release of FireCode.

IRWIN Authoritative Data Source by Data Element

Color in Cell: Application has this data element
R: Application can ONLY READ the data element
1-4: Permission Hierarchy – A value implies create and update access. The "lower" the number, the "higher" the priority. (Example: WildCAD is MOST authoritative for Incident Name).

Red: IRWIN provides / derives   **Lt Blue:** WFDSS provides

CAD Req	Req	IRWIN Data Element	CAD	ICS 209	WFDSS	FireCode	EGP
		IrwinID	R	R	R	R	R
		IsActive	1	2	3	3	R
x	x	IncidentName	1	2	3	3	R
x	x	FireDiscoveryDateTime	1	2	3	3	R
x	x	POOResponsibleUnit	1	2	3	3	R
x	x	LocalIncidentIdentifier	1	2	3	3	R
		UniqueFireIdentifier	R	R	R	R	R
x		DispatchCenterID	1	R	R	R	R
		GACC	R	R	R	R	R
x	x	IncidentTypeKind	1	2	3	3	R
x	x	IncidentTypeCategory	1	2	3	3	R
x		InitialLatitude	1	R	R	R	R
x		InitialLongitude	1	R	R	R	R
x		DiscoveryAcres	1	R	3	R	R
x	x	POOLatitude	1	2	3	3	R
x	x	POOLongitude	1	2	3	3	R
x		FireCause	1	2	3	R	R
		POOState	R	R	R	R	R
		POOCounty	R	R	R	R	R
		POOOwnerUnit	R	3	2		R
		POOLandownerKind	R	3	2	2	R
		POOLandownerCategory	R	R	2	2	R
		InitialResponseAcres	1	R	R	R	R
		InitialFireStrategy	1	2	R	R	R
x	x	**FirecodeRequested**	1	R	R	1	R
		FireCode	1	R	R	1	R
		FSJobCode	1	R	R	R	R
		FSOverrideCode	1	R	R	R	R
		IsComplex	1	1	R	1	R
		ComplexParentIrwinID	1	1	R	1	R
		IsFSAssisted	1	R	R	1	R
		IsMultiJurisdictional	1	R	R	1	R
		IsTrespass	1	R	R	1	R
		IsReimbursable	1	R	R	1	R
		IsSeverity	1	R	R	1	R

CAD Req	Req	IRWIN Data Element	CAD	ICS 209	WFDSS	FireCode	EGP
		DailyAcres	1	2	3	R	R
		CalculatedAcres	R	R	3	R	R
		TotalIncidentPersonnel	R	2	R	R	R
		FireMgmtComplexity	R	2	R	R	R
		IncidentCommanderName	1	2	R	R	R
		IncidentManagementOrganization	R	2	R	R	R
		Fatalities	R	2	R	R	R
		Injuries	R	2	R	R	R
		ResidencesDestroyed	R	2	R	R	R
		ResidencesThreatened	R	2	R	R	R
		OtherStructuresDestroyed	R	2	R	R	R
		OtherStructuresThreatened	R	2	R	R	R
		EstimatedCostToDate	R	2	R	R	R
		EstimatedContainmentDate	R	2	R	R	R
		PercentContained	R	2	R	R	R
		PercentPerimeterToBeContained	R	2	R	R	R
		ICS209ReportDateTime	R	2	R	R	R
		ICS209ReportStatus	R	2	R	R	R
		ContainmentDateTime	1	2	3	R	R
		ControlDateTime	1	2	3	R	R
		FireOutDateTime	1	R	3	R	R
		FinalAcres	1	2	R	R	R
		InConflict	1	R	R	R	R
		ConflictParentIrwinID	1	R	R	R	R
		FireResourceAgency	R	1	R	R	R
		FireResourceProvider	R	1	R	R	R
		FireResourceKind	R	1	R	R	R
		FireResourceCategory	R	1	R	R	R
		FireResourceType	R	1	R	R	R
		FireResourcePersonnelQuantity - Daily	R	1	R	R	R
		FireResourceQuantity - Daily	R	1	R	R	R
		FireResourceQuantityCurrentAsOf	R	1	R	R	R
		FireResourceStatus	R	1	R	R	R
		CreatedBySystem	R	R	R	R	R
		CreatedOnDateTime	R	R	R	R	R
		MofifiedBySystem	R	R	R	R	R
		ModifiedOnDateTime	R	R	R	R	R