



Cross Program Data Exchanges

Facility Identification (FACID) 3.0

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April 2x, 2011



FACID 3.0 Overview

- Supports existing (FACID 2.3) Facility Identification Network web service capabilities
- Adds new Network web services for publishing applications
- Being used for Facility Data ArcGIS Tool exchange to and from FRS to data stewards
- Updated schema
 - Better use of shared components
 - More modular approach
 - Support for complex geometries (polygons and lines in addition to points) in the Exchange Network recommended geospatial format (GeoRSS GML)

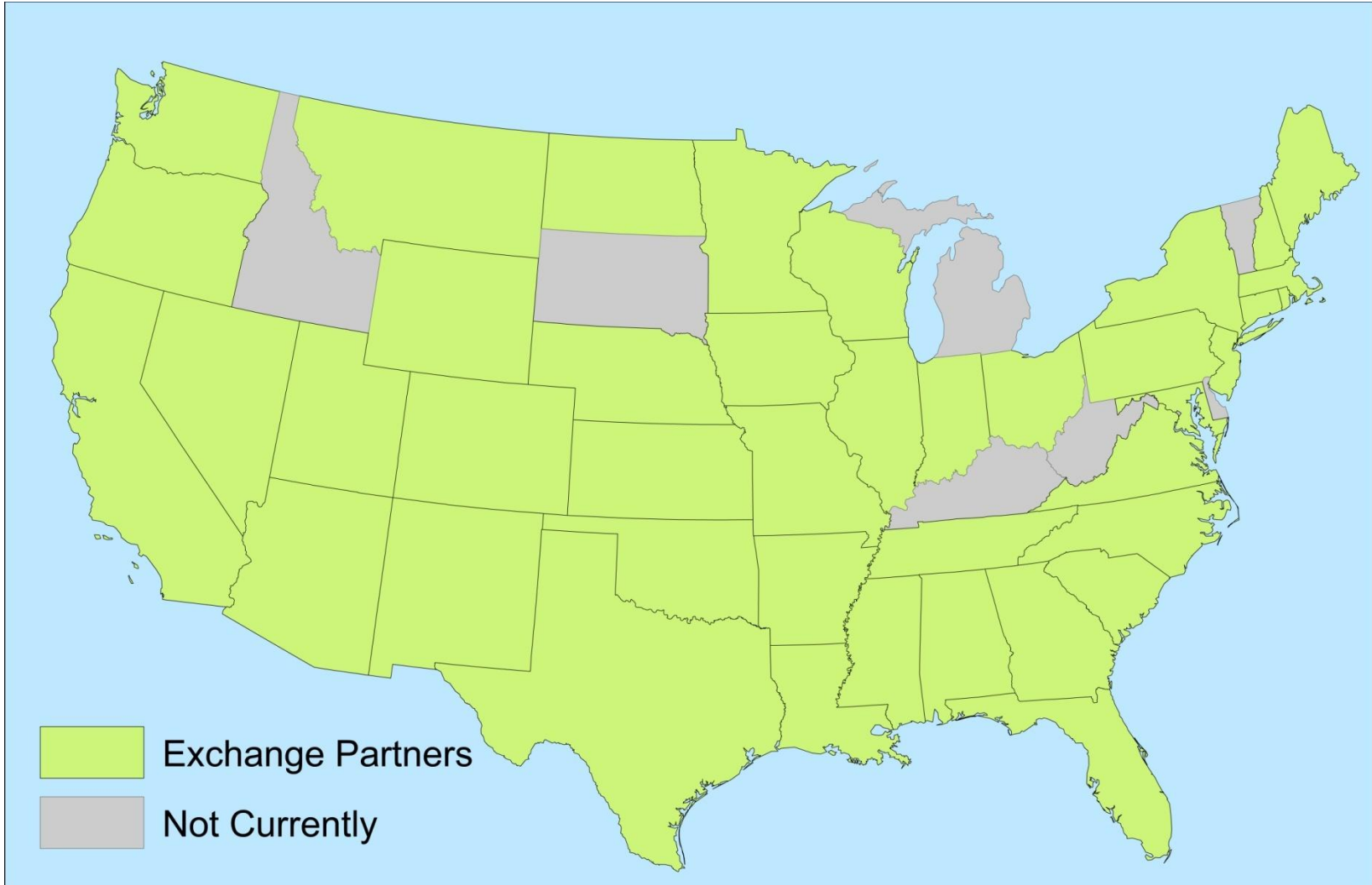


Facility Data Submission to FRS

- Both the FACID 2.3 and the FACID 3.0 schemas will be supported for the immediate future, with a planned phase out of FACID 2.3 after partners have converted
- Complex geometries can be submitted via GeoRSS GML standard
- Enhanced submission feedback for FACID 3.0 submissions
- 42 states and 3 tribes currently exchange data with FRS via the Exchange Network



States Exchanging Data with FRS





Exchange Network Facility Query

- New web service requests to facilitate real time query and mapping through the Exchange Network
- “Lite” schema for improved performance
 - Get Facility Count
 - Returns just the number of facilities
 - Get Facility List
 - Returns only name, address, location, and URL link to a report with detailed information
- Full support for “heavy” schema also for full data exchange of all data elements

FACID 3.0 Query Web Services

Service Name or Description	Query
GetFacilityCount	Query
GetFacilityList	Query or Solicit
GetFacility	Solicit
GetFacilityInterestByID	Query
GetFacilityByID	Query
GetFacilityByChangeDate	Solicit with Submit
GetDeletedFacilityByChangeDate	Solicit with Submit



Why Move to 3.0?

- Publish-oriented
- Real-time query and mapping with lightweight payloads
- Ability to support regional query and mapping applications directly from state facility databases
- Support for complex geometry
- Supports multiple alternative names and multiple geometries for each facility or interest
- Improved feedback for data submissions
- 2.3 will be phased out eventually



What's Next?

- Assistance to convert from FACID 2.3 to FACID 3.0
- FACID 3.1
 - Adding optional additional components to support:
 - Facility DUNS number
 - Parent company information
 - Geospatial data for sub-facility elements (i.e., particular stacks or pipes or other environmental interests)
 - Will not have any impact on plug-ins for FACID 3.0; all elements will be optional and additive meaning any 3.0 compliant document will also be 3.1 compliant