



## PIDM 2.5 - Data Management System

**A better way to integrate and effectively manage your digital information to unlock its full value**

PIDM 2.5 provides an Oracle-based, industry standard data model for managing and accessing the industry's most comprehensive commercial U.S. data along with your proprietary data. PIDM is the IHS extension to the PPDM public model. More than just a model, PIDM is also a set of processes which enable the efficient management of over 4 million well histories and 2.5 million production entities, while maintaining complete referential integrity. Together, these are features that are not easily matched by any other data model offering.

PIDM is a time-tested, highly optimized model that serves as the IHS internal core repository for U.S. Well and Production information. PIDM 2.5 can be a vital link in an enterprise's information management strategy.

### **Benefits:**

- Optimized transactional processes built into PIDM to support large volumes of E&P data.
- Full SQL access to IHS comprehensive data along with your proprietary or third-party vendor data in a single repository.
- Reference codes/tables fully populated with IHS complete reference codes data.
- Promotes the standardization of data management and data flow throughout your organization.
- Improves proprietary data quality through access to the full complement of IHS data quality checks and audits.



### PIDM Database Features

- PIDM 2.5: an Oracle relational model based on PPDM 3.4 that stores IHS U.S. Well and Production data and supporting standard reference codes data.
- PIRs DataLoader: data loading application that supports the loading of the PIRs transactional updates for Well, Production and Reference Codes data.
- Preferred Node Builder: process that updates the WELL\_NODE table with the preferred latitude/longitude coordinates based on the preferred source and map base (location\_qualifier) combination.

### PIDM Data Management Features

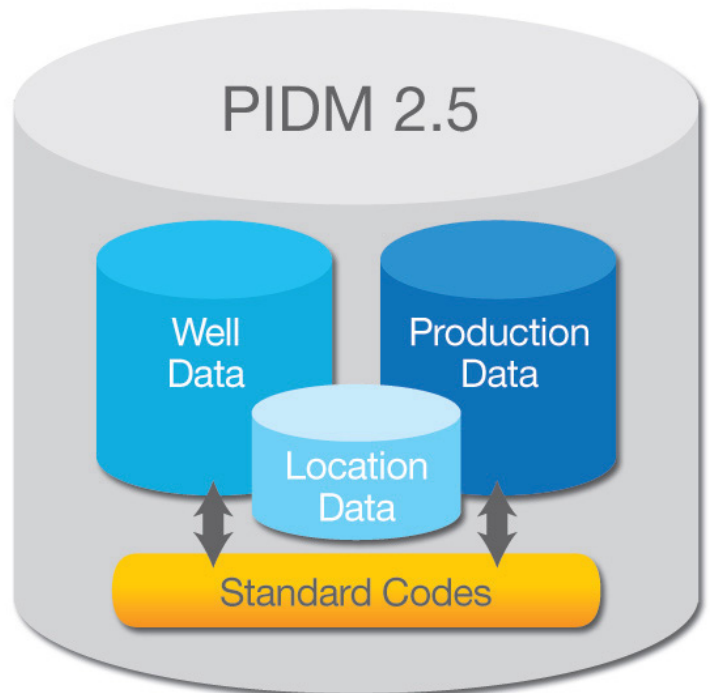
An optional component of PIDM 2.5 is the ability to manage proprietary data in the model along with IHS data. In addition to the standard features of PIDM, this component also provides:

- Composite Well Builder: utility that creates a best-of-breed header record by compositing data from multiple well records based on user-defined source preference list for each data element within the WELL table.
- Enhanced PIRs DataLoader: data loading application that ensures proprietary data linked to IHS data is preserved and maintained during the loading and updating of IHS data.

### Remote Date Management

Included with each PIDM subscription is a service that frees up your resources so they don't have to focus on loading and maintaining IHS data. Included in the services are:

- Data Loading: load U.S. Well, Activity and Reference Codes data daily, and Production data as it is released.
- Data Auditing: validate the database after each update to ensure there are no loading issues and the data is in sync with our corporate data store.
- Database Monitoring: continuous monitoring of the database for availability; disk space usage; and verification of the consistency of tables, indexes and primary and foreign keys.
- Reporting: daily and monthly reports on data loading activities, space used and fragmentation.
- Product Support: coordinate and install all upgrades to the data model and associated applications/processes.



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