

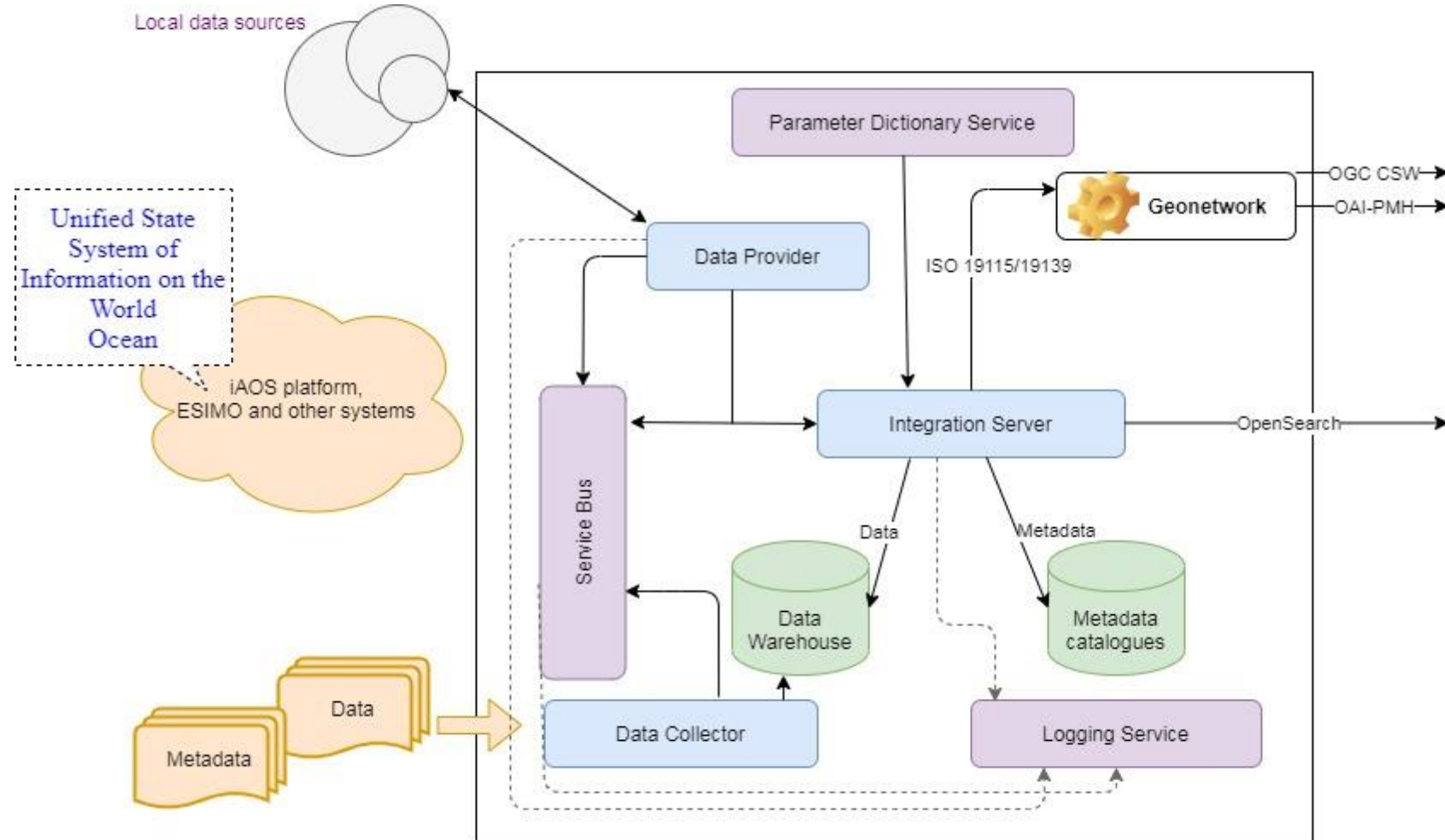
Data integration of the Russian segment of the integrated Arctic observing system (iAOS)

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Data integration of the Russian segment of iAOS:

* Consolidation. Extract-Transform-Load (ETL) technology

* Data distribution. Enterprise application integration (EAI) technology



Structure of the data integration subsystem of the RUSSIAN node of iAOS

- **Data Collector** performs access to data and metadata of the iSNA platform and ESIMO;
- **Data Provider** performs access to data sources;
- **Integration Server** maintains a registry of data providers and data sources;
- **Data Warehouse** is cache system of data files and metadata files;
- **Service Bus** implements uniform, flexible and documented communication between all components.