# Cruise Data Flow Diagram Documentation

### Resources:

* Diagram image export: [Centralized Cruise DFD export.png](Centralized%20Cruise%20DFD%20export.png)
* Diagram XML (exported from draw.io): [Centralized Cruise DFD.xml](Centralized%20Cruise%20DFD.xml)

### Process:

* Data is managed by authorized users via the Cruise Web Application which manipulates data directly in the Cruise DB
* Sensitive cruise data can be retrieved directly from the Cruise DB by connecting with an authorized user's personal DB account
* Non-sensitive cruise data can be retrieved directly from the Cruise DB by connecting with their personal DB account
* Non-sensitive cruise data can be retrieved by any user connected to the PIFSC network via the Cruise Web Application
* The Cruise DB retrieves and references database objects containing non-confidential personnel information from the PEEPS DB
* Various external databases retrieve and reference database objects in the Cruise DB containing non-confidential cruise and personnel information including the CTD and MOUSS DBs