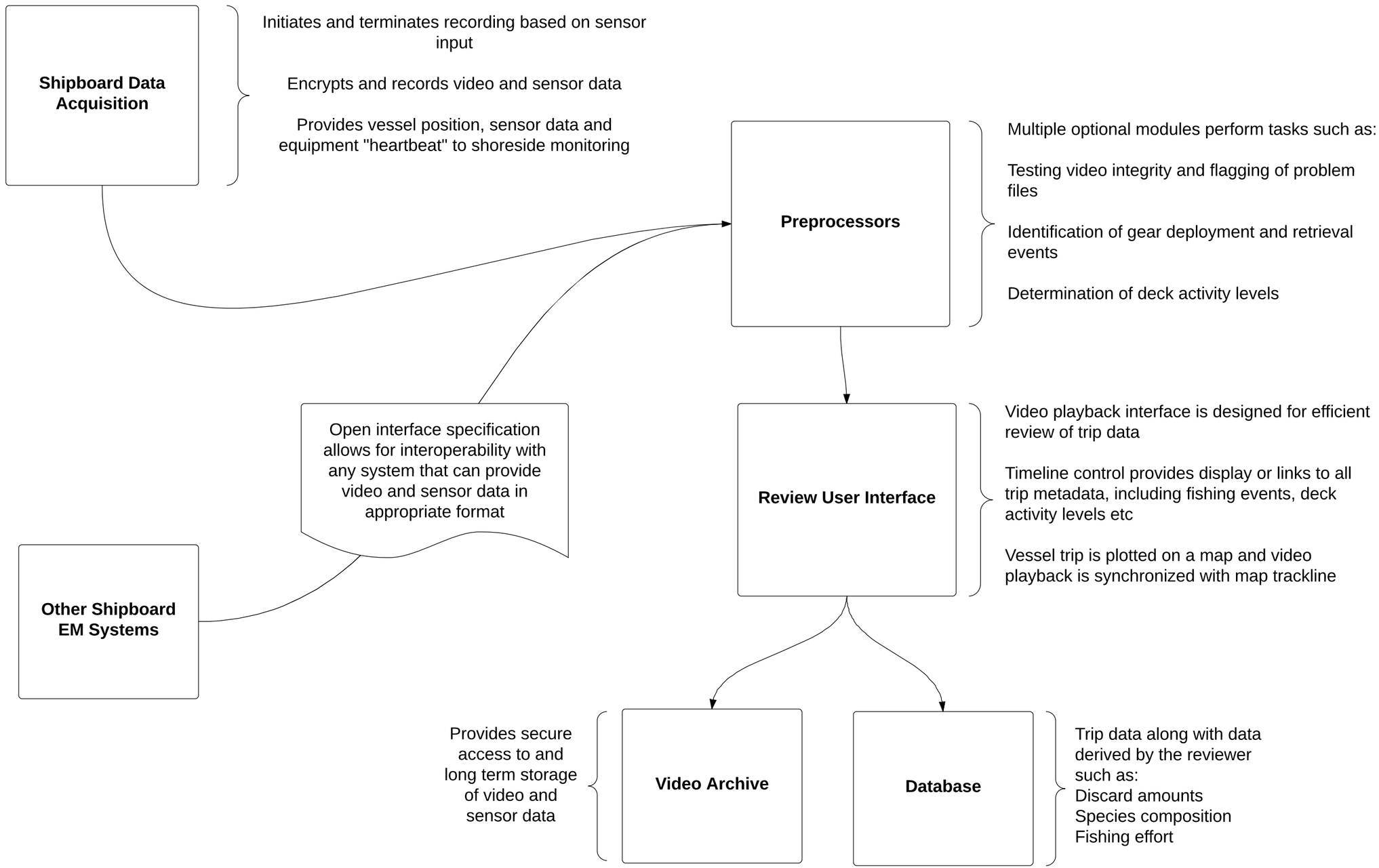
Shipboard Data Acquisition
Initiates and terminates recording based on sensor input
Encrypts and records video and sensor data
Provides vessel position, sensor data and equipment "heartbeat" to shoreside monitoring
Preprocessors
Multiple optional modules perform tasks such as:
Testing video integrity and flagging of problem files
Identification of gear deployment and retrieval events
Determination of deck activity levels
Open interface specification allows for interoperability with any system that can provide video and sensor data in appropriate format
Other Shipboard EM Systems
Review User Interface
Video playback interface is designed for efficient review of trip data
Timeline control provides display or links to all trip metadata, including fishing events, deck activity levels etc
Vessel trip is plotted on a map and video playback is synchronized with map trackline
Provides secure access to and long term storage of video and sensor data
Video Archive
Database
Trip data along with data derived by the reviewer such as:
Discard amounts
Species composition
Fishing effort