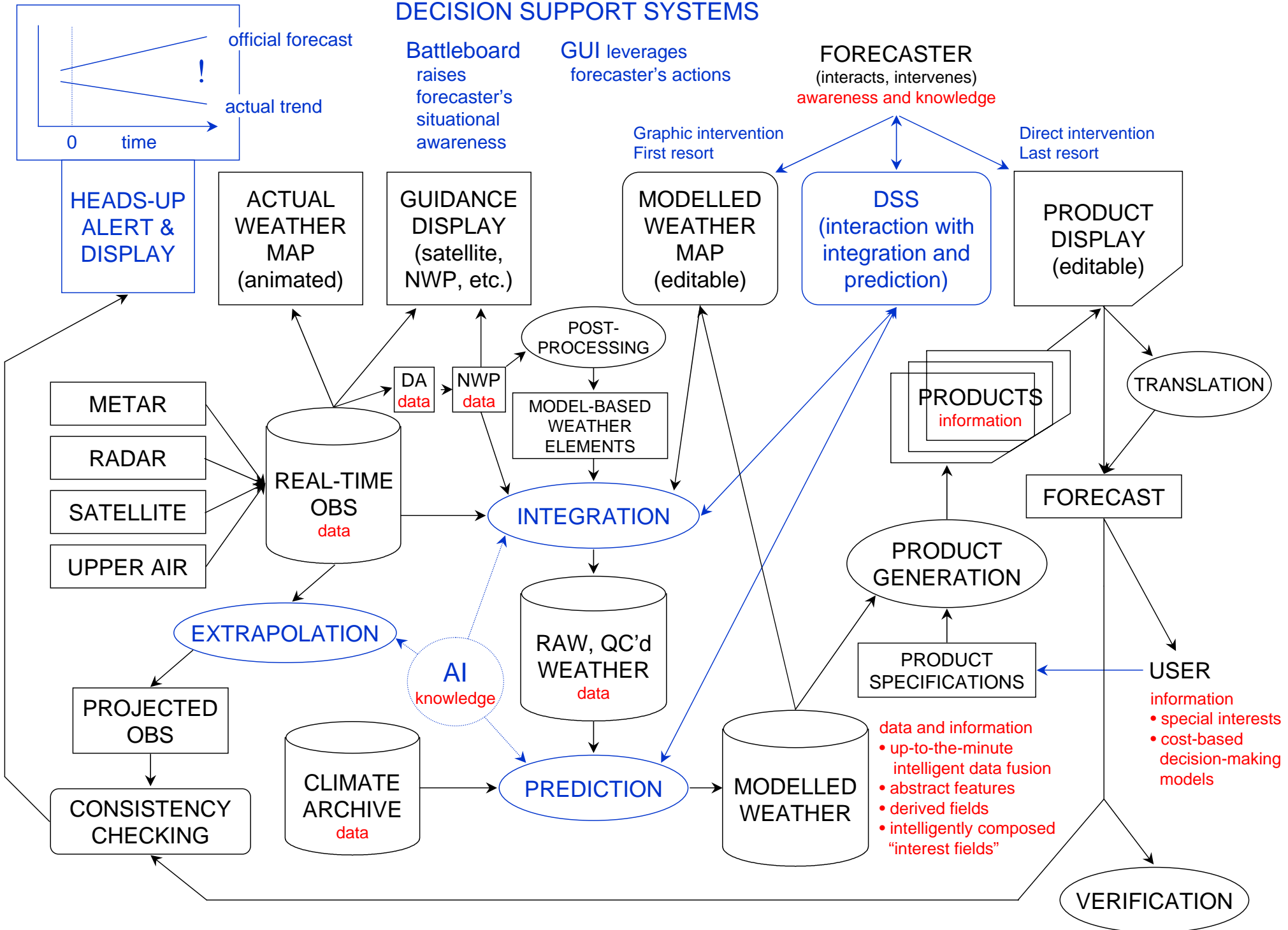


# DECISION SUPPORT SYSTEMS



# Decision Support Systems Design

**Generic:** no-name, conceptual design that could link and integrate the most useful elements of WIND, AVISA, MultiAlert, SCRIBE, FPA, URP, and so on in evolving WSP application, NinJo.

**Modular:** shows where distinct sub-tools / agents can be developed. Working in this way, individual developers could work on isolated sub-problems and anticipate how to plug their results into a larger shared system. As technology inevitably improves, improved modules can be easily installed and quickly implemented.

**User-centered:** forecast decision support systems from forecaster's point of view, designed to increase situational awareness.

**Hybrid:** combines complementary sources of knowledge, forecasters and AI, to increase the quality of input data and output information. Intelligent integration of data, information, and model output, and use of adaptive forecasting strategies are intrinsic in this design.