

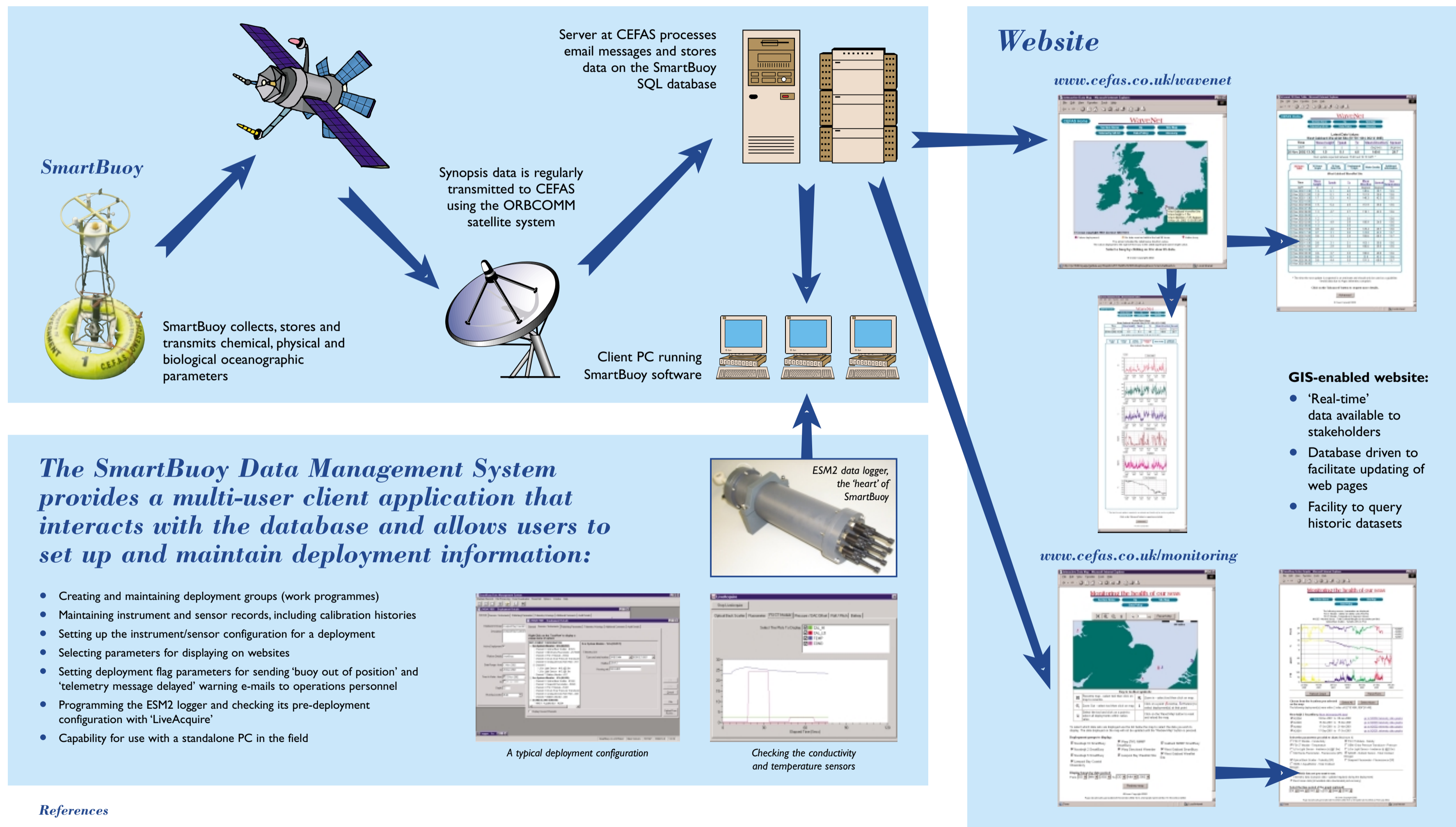
A GIS-ENABLED WEBSITE FOR PUBLISHING NEAR REAL-TIME DATA FROM AUTONOMOUS MARINE OBSERVING SYSTEMS

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The need for real-time data on the state of our oceans is growing. The delivery of operational oceanographic products and services (e.g. the testing and validation of ecosystem models) will rely, in part, on the timely availability of field data. In addition, public access to relevant and interesting data and information delivered via the web is regarded as an increasing priority for data gathered through publicly-funded science.

To meet these and other more specific needs, CEFAS has developed a GIS-enabled web-publishing capability (www.cefass.co.uk/monitoring) to display data returned in near real-time from the CEFAS Marine Monitoring Network of operational SmartBuoys. Data from new buoy locations are added as the data buoy network expands.

The web-publishing and database infrastructure developed at CEFAS has been designed with flexibility in mind, so as to rapidly meet other users' needs. A recent example is the display of time-critical data from the CEFAS wave-monitoring network, WaveNet (www.cefass.co.uk/wavenet). Additional posters provide the details of operational programmes in the North Sea (Rees *et al.*, 2002; Mills *et al.*, 2002) and also details of the SmartBuoy system (Pearce *et al.*, 2002).



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