

**INNOVATION, IT ISSUES AND INDIGESTION:
BUILDING A NEW ELECTRONIC PRODUCT FOR TODAY'S LIBRARIES**

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ABSTRACT: Elsevier Science has been working with the library community to develop products and services that fulfill the needs for delivery of information to the desktop. The Marine Science community will be particularly well served by provision of these services through Gateways such as Oceanline.

Finding out about the requirements for such a service was the easy part. Groups such as IAMSLIC were forthcoming about their concerns and willing to share experiences and grievances. The Scientific community have participated in focus groups and research, and helped us to refine our product concepts.

Putting theory into practice is where the real challenge starts. We have developed tools and processes which are undergoing constant revision. We have fought with copyright and authentication issues. Staff have had to be retrained and roscoelite and whole new departments have been formed. We are not over the hill yet, but despite headaches, heartache and heartburn, we are now ready to face the new millennium with the new face of publishing.

In this presentation, the various issues are dealt with, and a brief overview of IT systems is given. Lastly, a prototype of our new service "Oceanline" is presented.

