



LIBRARY

SPECIAL ISSUE

January 1983

18

NEWSLETTER

from the Department for Scientific and Technical Communication

SPECIAL ISSUE ON TELEMATICS**ELECTRONIC DOCUMENT DELIVERY****1. A study of the relationship between user needs and technology options****THE STUDY OBJECTIVES WERE:**

To specify user needs and assess how closely the various technology options for electronic document delivery currently or soon to be available are likely to match those needs, including financial requirements.

To assess the ability and willingness of publishers to operate a document delivery service.

THE STUDY METHODOLOGY included:

postal questionnaires
personal interviews
a technology review and assessment
development of scenarios
costing of typical systems
literature searches

THE STUDY REPORT gives:

- an analysis of questionnaires completed by librarians, information officers, information scientists and users of library and information services
- transcripts of interviews with users and representatives of user organisations
- an analysis of questionnaires completed by publishers
- transcripts of interviews with publishers
- a review of developments in data capture (text and images), phototypesetting and composition, storage, media, systems, transmission and output devices
- scenarios based on Teletex, facsimile transmission, a hybrid of Teletex and facsimile transmission, satellite transmission, digital optical disc and magnetic tapes
- capital costs, running costs and user costs for typical systems

- a conceptual framework for a document delivery service
- bibliographies on factors relating to the market for a document delivery service and electronic mail

THE STUDY CONCLUDES that:

- there are a number of scenarios for an electronic document delivery service which represent a reasonable, though no complete, match with user's and publisher's requirements, if technical criteria alone are used
- an electronic document delivery service based on current technology could be offered at a price which would appear reasonable to potential users
- publishers in the scientific, technical, medical and professional fields are willing to set up and operate a document delivery service if this is economically viable.

WHO COMMISSIONED THE STUDY?

The study was commissioned jointly by the Publishers Association of the United Kingdom and DG XIII, the Directorate-General Information Market and Innovation, Commission of the European Communities.

The work was undertaken by Pira, the UK research association for the paper & board printing and packaging industries, and the report is published by IEPIC, the International Electronic Publishing Research Centre.

WHO SHOULD READ THE REPORT?

The study is essential reading for policy makers, those with responsibility for strategy and future profit generation in publishing, information managers and equipment suppliers to the information industry. The study provides unique information on:

- information user attitudes
- document delivery technology

- the role of communications technology
- cost comparisons
- systems conceptualisation.

An individual company wishing to undertake such research would require to invest a minimum of £ 50.000 in research resources. The study, complete with full documentation, is offered at a price equal to less than 1% of such costs. The report is in the following parts:

- Literature search
- User survey
- User interviews
- Publishers survey
- Technical mechanisms for document delivery
- The relationship between user needs and technology options for a document delivery service
- Economic feasibility
- Framework for a document delivery service and includes a Management Summary and an Appendix of Select Bibliographies.

It is presented in two volumes, in looseleaf A4 format:

volume 1, 350 pages; volume 2, 286 pages
Price £ 250 for the two-volume report.

The report can be obtained from:

The International Electronic Publishing Research Centre — IEPRC
Pira House
Randalls Road
Leatherhead
Surrey KT22 7RU
ENGLAND

2. Call for proposals for experiments on electronic document delivery and electronic publishing

The Commission would welcome proposals for experiments on EDD and electronic publishing.

Interested publishers, libraries, database producers, host computer operators, equipment manufacturers, communication service providers, user groups etc. are invited to request from:

Mr C. VERNIMB
Commission of the European Communities
DG XIII-B Office B4/022
Jean Monnet Building
Kirchberg
L - 2719 LUXEMBOURG

a formsheet for submitting proposals and information material.

Interest in proposing experiments should be declared not later than 21 January 83. The deadline for submitting the final proposals is 6 May 1983.

3. Other recent publications

ELECTRONIC DOCUMENT DELIVERY — I The ARTEMIS concept for document digitalisation and teletransmission

This report prepared by Arthur D. LITTLE, describes a document delivery service, code name ARTEMIS, which prints out on reader's terminals the pages of scientific and technical documents requested from computer data bases. Source documents are 'digitalised', that is, converted to computer readable form, either as text or as facsimile. The former can be printed on a teleprinter, but does not preserve all the format of the original; the latter can be delivered to a facsimile receiver. The digitalised documents are stored in data bases attached to host computers. From these, they can be retrieved in response to a user's request and sent overnight via Euronet or another telecommunications network, to the user's unattended terminal or to his computer for later printing.

Over half of the report is devoted to a detailed and eminently readable description of the technology including a listing of equipment on the market. The technologies affecting electronic document capture and storage, printing terminals and copiers as well as the telecommunications options available are examined and analysed for the non-expert.

EUR 7170 EN
pp.: xi + 233
Price: £ 29,—

ISBN 0-904933-29-6

ELECTRONIC DOCUMENT DELIVERY — II Proceedings of a workshop and exhibition organised by the CEC, Directorate-General Information Market and Innovation.

As a second step in the Commission's study of electronic document delivery, an exhibition and workshop was held 18/19 December 1980 in Luxembourg at which relevant systems and services were demonstrated. An impressive group of experts was invited from all aspects of the information and communications industries to deliver presentations or to take part in the discussions which followed. The result is a vivid report of expert views indicating current involvements in projects and some authoritative crystal-ball gazing. The full names and addresses of some 100 participants are given in there.

EUR 7606 EN
pp.: xvi + 214
Price: £ 29,—

ISBN 0-904933-32-6

ELECTRONIC DOCUMENT DELIVERY — III Electronic Publishing Trends in the United States and Europe

In this report prepared by Information Management Associates an assessment is made of the current status of the publishing industry in Europe and the USA, with special reference to the

Falls Sie nähere Informationen über die Tätigkeit der Kommission auf wissenschaftlichem und technischem Gebiet sowie die neuesten auf diesen Gebieten erschienenen Berichte, Artikel, Konferenzberichte, Handbücher, Adressbücher, Atlanten, Glossare usw. wünschen, lesen Sie bitte:

- Euroabstracts Sektion I (betr. Tätigkeiten, die unter die EWG- und EURATOM-Verträge fallen),
- Euroabstracts Sektion II (betr. Tätigkeiten im Bereich des EGKS-Vertrages).

Ein Freixemplar kann bei folgender Anschrift schriftlich bestellt werden: KEG - GD XIII/A2, Jean Monnet-Gebäude B4/84, Postfach 1907, Luxemburg.

Bibliografische Informationen aus Euroabstracts sind auch on-line über Euronet-Diane in der EABS-Datenbasis erhältlich. Nähere Auskünfte können schriftlich bei Ms A. ILJON, Postfach 1907, Luxemburg, und telefonisch unter Nr. 4301-2923 Luxemburg erfragt werden.

Über die neuesten Entwicklungen auf diesen Gebieten halten Sie die Videotext-Anzeigen der Kommission auf dem laufenden:

- im Vereinigten Königreich (Prestel * 24845 #)
- in den Niederlanden (Viditel * 5213 #)
- in der BR Deutschland (Bildschirmtext * 24845 #)
- in Frankreich (Télétext: PL * CEE - envoi)
- in Dänemark (Teledata * 42018 #)

Hier finden Sie auch die neuesten Informationen über

- die letzten Entscheidungen des Ministerrats auf dem Gebiet der Forschung;
- die letzten Submissionen für Vertragsforschung;
- geplante Konferenzen, Symposia, usw.
- die neuesten Veröffentlichungen
- einen besonderen Artikel „Die Erfindung des Monats“ usw.

If you require detailed information about the Commission's activities in the scientific and technical field and in particular about recently published reports, articles, conference proceedings, manuals, directories, atlases, glossaries, etc. associated with them, consult:

Euroabstracts Section I (activities covered by EEC and Euratom Treaties) and/or
Euroabstracts Section II (coal and steel)

For a free copy write to CEC - DG XIII/A2, JMO B4/084, BP 1907 Luxembourg. Bibliographic information from Euroabstracts is also available on-line via Euronet-Diane in the EABS data base. Write to ECHO service, Ms A. ILJON, BP 1907, Luxembourg, for details or call Luxembourg 4301 2923.

If you wish to keep up to date with the highlights of these activities, consult the Commission's Videotext journals:

- in the UK (Prestel * 24845 #)
- in the Netherlands (Viditel * 5213 #)
- in the Federal Republic of Germany (Bildschirmtext * 24845 #)
- in France (Télétext: PL * CEE - envoi)
- in Denmark (Teledata * 42018 #)

Where you will find news items on:

- latest Council of Ministers decisions on research,
- latest calls for tenders for research under contract,
- forthcoming conferences, symposia, etc.
- recent publications,
- a special feature: „The invention of the month“, etc.

Si vous désirez obtenir des informations détaillées au sujet des activités de la Commission dans les domaines scientifique et technique, en particulier en ce qui concerne les rapports, articles, actes de conférences, manuels, annuaires, atlas, glossaires, etc. qui s'y rapportent, veuillez consulter:

- EUROABSTRACTS, Section I (activités relevant des Traités CEE et EURATOM);
- EUROABSTRACTS, Section II (charbon et acier).

En vue de recevoir un spécimen d'EUROABSTRACTS à titre gratuit, veuillez vous adresser à: C.C.E. DG XIII/A2, JMO B4/084, B.P. 1907, Luxembourg.

Des renseignements bibliographiques contenus dans EUROABSTRACTS peuvent être également obtenus en ligne via EURONET-DIANE dans la base de données EABS. Pour toute information complémentaire, veuillez vous adresser à: Mme A. ILJON Service ECHO, B.P. 1907, Luxembourg, ou téléphoner au N° 4301-2923, Luxembourg.

Si vous voulez avoir des renseignements à jour sur les derniers développements dans ces domaines, les journaux VIDEOTEX suivants de la Commission peuvent être consultés:

- au Royaume-Uni (Prestel * 24845 #)
- aux Pays-Bas (Viditel * 5213 #)
- en République fédérale d'Allemagne (Bildschirmtext ** 24845 #)
- en France (Télétext: PL * CEE - envoi)
- au Danemark (Teledata * 42018 #)

Ces journaux vous renseigneront également sur:

- les dernières décisions du Conseil des Ministres dans le domaine de la recherche;
- les derniers appels d'offres pour des contrats de recherche;
- les conférences, symposia, etc. envisagés;
- les publications les plus récentes;
- un volet spécial consacré à l'innovation;
- etc.

Chi fosse interessato ad ottenere informazioni dettagliate sulle attività della Commissione nel campo scientifico e tecnico ed i relativi rapporti, articoli, atti di conferenze, manuali, annuari, atlanti, glossari, ecc., è pregato di consultare:

- Euroabstracts (Sezione I): attività previste nel quadro dei trattati CEE ed Euratom
e/o
- Euroabstracts (Sezione II): carbone e acciaio.

Per ottenere una copia gratuita delle due precedenti pubblicazioni scrivere a CCE - DG XIII/A2, Casella postale 1907, Lussemburgo.

Le informazioni contenute negli Euroabstracts sono altresì accessibili in linea via Euronet-Diane nella base di dati EABS. Scrivere al Servizio ECHO, Signora A. ILJON, Casella postale 1907, Lussemburgo o telefonare al 4301 2923 in Lussemburgo.

Per tenersi al corrente degli ultimi sviluppi su queste attività, è possibile consultare i giornali Videotex della Commissione:

- in Gran Bretagna (Prestel * 24845 #)
- nei Paesi Bassi (Viditel * 5213 #)
- nella Repubblica federale di Germania (Bildschirmtext * 24845 #)
- in Francia (Télétext: PL * CEE - envoi)
- in Danimarca (Teledata * 42018 #)

Le notizie ivi contenute riguardano:

- le più recenti decisioni del Consiglio dei Ministri riguardanti la ricerca,
- le più recenti gare di appalto per ricerche su contratto,
- l'annuncio di conferenze,
- la recensione di pubblicazioni contenenti risultati della ricerca comunitaria,
- informazioni su brevetti ed invenzioni,
- altre notizie varie sulle Comunità Europee.