MAPS

Madrid Agreement
and
Protocol System

MAPS

What is MAPS ?

• MAPS is the integration of various computer platforms, that has enabled the International Bureau of WIPO to automate the administration of the Madrid Agreement, the Madrid Protocol and the Common Regulations, whilst at the same time establishing an 'electronic' register of international trademarks

• MAPS establishes various computer databases for: the storage and management of facsimiles of requests for recordal in the international register, and of the images of the marks themselves (logos), as well as the management of the bibliographic data contained in those requests for recordal

• the integration of these databases enables the establishment of a 'paperless' examination environment

• MAPS includes appropriate mechanisms (the MECA system) for the electronic transmission of data between the International Bureau and national administrations

MAPS System Components

MAPS Administration

MINOS Active

MINOS Archive

MECA

MAPS Publication and Notification

MAPS

MAPS Administration

- oversees the automated international registration procedure

- integrates the bibliographic data, document images, logos and other data stored electronically in the various sub-systems.

- provides an English and French user interface

- enables the inscription of data in both English and French

- incorporates a 'work flow' software enabling a very flexible approach to document examination

- provides computer assisted classification and translation facilities

- developed internally by WIPO using ADABAS/Natural software on an IBM mainframe

MAPS

MINOS Active

- MINOS is an acronym for (<u>M</u>arks <u>IN</u>formation <u>O</u>ptically <u>S</u>tored)

- MINOS Active is a document image database on magnetic disk that presents facsimile images of documents requesting the recordal of inscriptions in the international register

- MINOS Active contains scanned facsimile images of all the documents that are currently being processed, together with scanned images of the logos associated with those documents

- the facsimile images remain in the Active environment until they have been inscribed, after which they are permanently archived in MINOS Archive under the control of MAPS Administration

- the system runs on a Novell Netware server and uses Kodak-Eastman's (formally Wang) 'Open Image' software

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MINOS Archive

- forms the permanent optical archive of documents that make up the international register

- contains the scanned images of all documents received by the International Registry of Marks

- MINOS Archive now includes some 6 million pages, representing some 370,000 international registrations

- the system utilizes UNIX technology and comprises two Juke-Boxes each managing some 50 or so optical disks

- MINOS Archive is accessible directly through MINOS Active

MAPS

MAPS Publication and Notification

- PC based desk top publishing environment

- SGML based data exchange (MECA)

- integrates the bibliographic data from MAPS Administration together with the logos from MINOS Active in order to produce (on a weekly basis) official notifications (on paper), as well as the registration and renewal certificates

- concatenates two consecutive weekly notifications to produce the WIPO Gazette of International Marks

- uses 'Omni-Mark' software for the SGML parser and 'Frame-Maker' for page formatting

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MECA (Madrid Electronic CommunicAtions)

- MECA is the mechanism through which the International Bureau is able to transmit and to receive data relating to the international registration of marks

- recipients of data in this format include MAPS Publication and Notification, national administrations, as well as various trademark information providers

- MECA is a data tagging technique based on SGML standards

- MECA seems to have become the 'de facto' standard for the electronic exchange of trademark information

MAPS
Facts and Figures

MAPS was developed from system specifications established in 1993

MAPS has identified more than 400,000 documents since it became operational in October 1995

Those 400,000 documents have passed through more than 3.7 million computer controlled processes

More than 360,000 dossiers have been 'opened' by MAPS so that register inscriptions could be inserted

More than 24,000 automatic letters of irregularity have been created, involving the printing of some 117,000 pages

The MAPS Administration component manages in excess of 800 automated function points

MAPS Status

MINOS Replacement

Work has commenced on the replacement of MINOS Active
and MINOS Archive within the 1998-99 biennium

The specification of the tender for the replacement
of MINOS Active and MINOS Archive has been
completed

The replacement of these systems by a single document
management facility is required since:

> MINOS Archive technology dates from 1991,
> using a version of a UNIX operating system that
> is no longer commercially supported

> WIPO is migrating to the Windows NT
> standard whilst MINOS Active is only
> Windows 3.11 compatible

MAPS Status

MECA

The following countries receive notifications by electronic electronic means;

> Great Britain
> Switzerland
> Benelux
> Norway
> Sweden

Switzerland will start transmitting data to the International Bureau in the Autumn of 1998

Private firms such as Compu-Mark and Bertelsmann access MECA data at our ISDN server

At a MECA Users meeting in December 1997, we made a commitment to also provide MECA data with fixed length tags to those clients whose computer environments do not support SGML transmissions (e.g. IBM AS400). MECA data has already been provided to Benelux in fixed length tag format. In recognizing the need for stability, it was also agreed that any future change to the structure of MECA would be announced with a lead time of at least 6 months. A second MECA Users meeting is scheduled for September 1998.

MAPS Status

Industrial Designs

The MAPS Administration system was extended in early 1998 to enable the processing of international deposits under the Hague Agreement. The first stage, enabling the capture of data relating to international deposits was made available on June 2, 1998, with the remainder of the system (renewals and modifications) to become operational in September 1998

A contract has been signed for the development of a system enabling the publication on CD-ROM of reproductions contained in international deposits, together with the associated bibliographic data, as well as the printing of registration certificates. Work on this project is in the advanced design stages with a prototype CD-ROM expected in September 1998

MAPS Status

ROMARIN

New versions of the ROMARIN product will be made available in the second half of 1998. The first revision (disk 6/1998) guarantees the operation of ROMARIN in Windows 95 and NT environments as well as guaranteeing its operation in a networked environment. The second revision (scheduled for the third trimester 1998) involves the introduction of of new data elements and search indexes

A prototype version of a system to publish ROMARIN Pending Data on the WWW has recently been developed. The production version of this tool is expected in September 1998, and it will form part of WIPO's IPDL facilities.

MAPS Status

Data Dissemination

Following decisions made by the Madrid Assembly in September 1997, we have taken steps to make available on our FTP server, all the raw data that are used in our notification and publication processes. These data will be available free of charge, to any person who wishes to retrieve them.

The data to be made available are the ROMARIN daily, pending, weekly, four weekly and subset files, the fortnightly gazette files, together with the associated image files of the logos.

These data will also be made available on our ISDN site for those clients who can benefit from ISDN access.

This data dissemination service is scheduled to commence on July 1, 1998