The MIPEX Project

Present and Future

Jim Bell, Project Manager

WIPO  24 June 1998
The MIPEX Project

1996 - 1998

A European Commission Project

Partners:

Denmark

Sweden

United Kingdom

Computer Patent Annuities

FICPI
The MIPEX Project

1996 - 1998

An objective of the Project is

“to make available to all interested parties the practical experience of electronic commerce in Intellectual Property gained by the Project Partners”
“Patent Offices and their customers learning together how to apply Electronic Commerce to their everyday business”
MIPEX
Message Based Intellectual Property Information Exchange

“An evaluation platform for technical solutions”
MIPEX

Message Based Intellectual Property Information Exchange

Electronic Commerce

using

Internet Technology
MIPEX

The challenge of e-commerce in Intellectual Property

1. Do our customers want to use electronic commerce?
The challenge of e-commerce in Intellectual Property

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2. Is there a business advantage for Offices?
MIPEX

The challenge of e-commerce in Intellectual Property

1. Do our customers want to use electronic commerce?
2. Is there a business advantage for Offices?
3. Will the system be cost-effective, reliable and secure?
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The challenge of e-commerce in Intellectual Property

1. Do our customers want to use electronic commerce?

*No* - Postal services are regarded as reliable and secure.

*Yes* - The profession needs information about Intellectual Property

*Yes* - The profession is highly IT literate

*Yes* - The profession is willing to take systems which have a high value-content
The challenge of e-commerce in Intellectual Property

2. Is there a business advantage for Offices?

*No* - Low usage and parallel running with paper imposes extra cost

*Yes* - High usage and little paper allow major increases in efficiency and real savings

*Yes* - **Offices realise that in the 21st century their customers will increasingly wish to work electronically.**
The challenge of e-commerce in Intellectual Property

3. Will the system be cost-effective, reliable and secure?

... Using the Internet for business?

Cost-effective? Yes - Internet is not expensive

Reliable? No - Internet has no guaranteed reliability

Secure? No - Customers have no confidence that Internet is secure

No - In 1998 we cannot rely on Internet for Office business
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The challenge of e-commerce in Intellectual Property

MIPEX in 1997 & 1998 required

1. Internet Technology - but not the Internet
2. Customers dial directly in to their Office
3. A private wide area network links Offices/Service Providers
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Successful e-commerce means

Providing attractive services reliably and securely
MIPEX

Successful E-commerce means

Providing **attractive services reliably and securely**

A package of transactions

<table>
<thead>
<tr>
<th></th>
<th>Customer</th>
<th>Office</th>
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<tr>
<td>Access to Office registry databases</td>
<td>★★★★★</td>
<td>★★★★</td>
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<tr>
<td>Electronic renewals</td>
<td>★★★★</td>
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<td>Secure email between customers</td>
<td>★★★★</td>
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<td>Electronic Filing</td>
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MIPEX

Successful E-commerce means

Providing attractive services reliably and securely

- MIPEX uses best commercial network security
  
  \textit{today} - private network

  \textit{tomorrow} - secure commercial services ?

- MIPEX offers high data security via
  
  a managed public key infrastructure
MIPEX

Successful E-commerce means

Encouraging high take-up of electronic filing

- MIPEX offers its own range of electronic filing options
- MIPEX supports and offers a network transport for other means of electronic filing

“Electronic filing is about data, not software”
The three key areas

**Networks - the next two years**

How will wide area commercial networks develop to offer high bandwidth and low cost?

When, and by what means, will we be able to migrate services from private to commercial or public services?

How can a secure integration of Private Network and Internet be achieved?
Networks - the next two years
How will wide area commercial networks develop to offer high bandwidth and low cost?
When, and by what means, will we be able to migrate services from private to commercial or public services?
How can a secure integration of Private Network and Public Internet be achieved?

Security - the next two years
The Public Key Infrastructure - managing the use of cryptography
International certification and cryptographic standards
Implementing Certification Authorities for Offices and customers
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E-filing - the next two years
MIPEX filings use WIPO standards ST32 and ‘MECA’ as a baseline
Electronic filing will result in the use of WIPO data standards within various software applications
What will be the effect of XML and other technical developments?
How will standards be agreed, ratified and policed?

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The MIPEX 2 Project

1999 - 2000

The following Partners have submitted to the Commission an application for a further Project

- Denmark
- Sweden
- Switzerland
- United Kingdom
- Computer Patent Annuities
- FICPI
- Finland
- Holland
- Germany
- OHIM - non-project
- Baltimore Technologies
- ECTA - under consideration
The MIPEX Network
Now

UK
SE
DK
CPA (JE)
The MIPEX Network
at end 1998
The MIPEX Network in 1999?

Dial-up Access for Users
The MIPEX Network in 1999?
“Everything should be made as simple as possible, and no simpler”

Albert Einstein