

# 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

Switzerland (July '98)

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”*

# MIPEX



Message Based Industrial Property Information Exchange

*“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?

# 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?



# 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?

# MIPEX



## *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

# MIPEX



## *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.

# MIPEX



## *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*

# MIPEX



## *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**

# MIPEX



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**

	Customer	Office
Access to Office registry databases	* * * * *	* * * *
Electronic renewals	* * * *	* * * * *
Secure email between customers	* * * *	*
Electronic Filing	* *	* * * * *

# MIPEX



**Successful E-commerce means**

*Providing attractive services reliably and securely*

- MIPEX uses best commercial network security
  - today* - private network
  - 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

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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**

Networks - the next two years

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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?**

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

**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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# The MIPEX 2 Project

1999 - 2000



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

Denmark

Finland

Sweden

Holland

Switzerland

Germany

United Kingdom

OHIM - non-project

Computer Patent Annuities

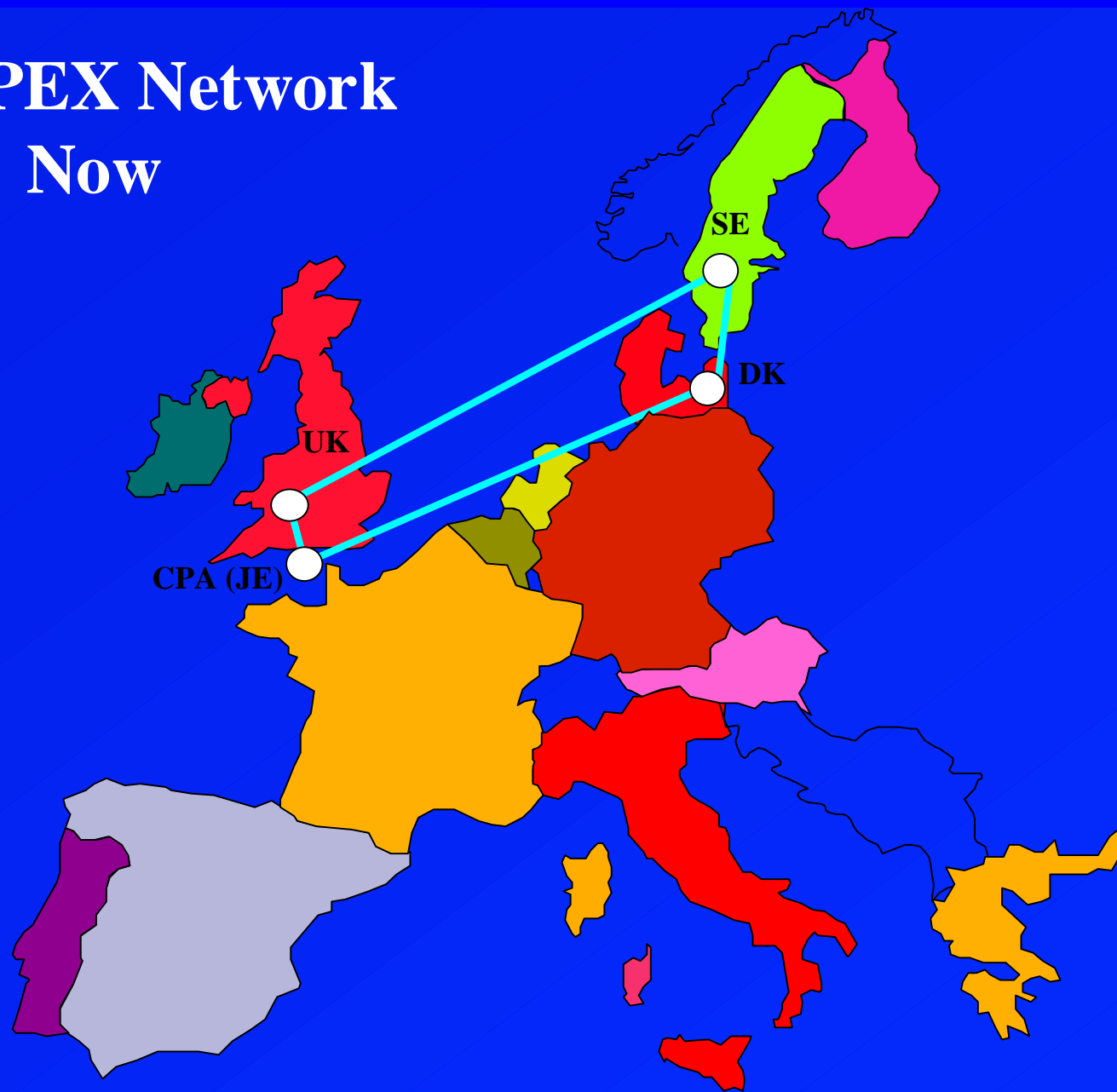
Baltimore Technologies

FICPI

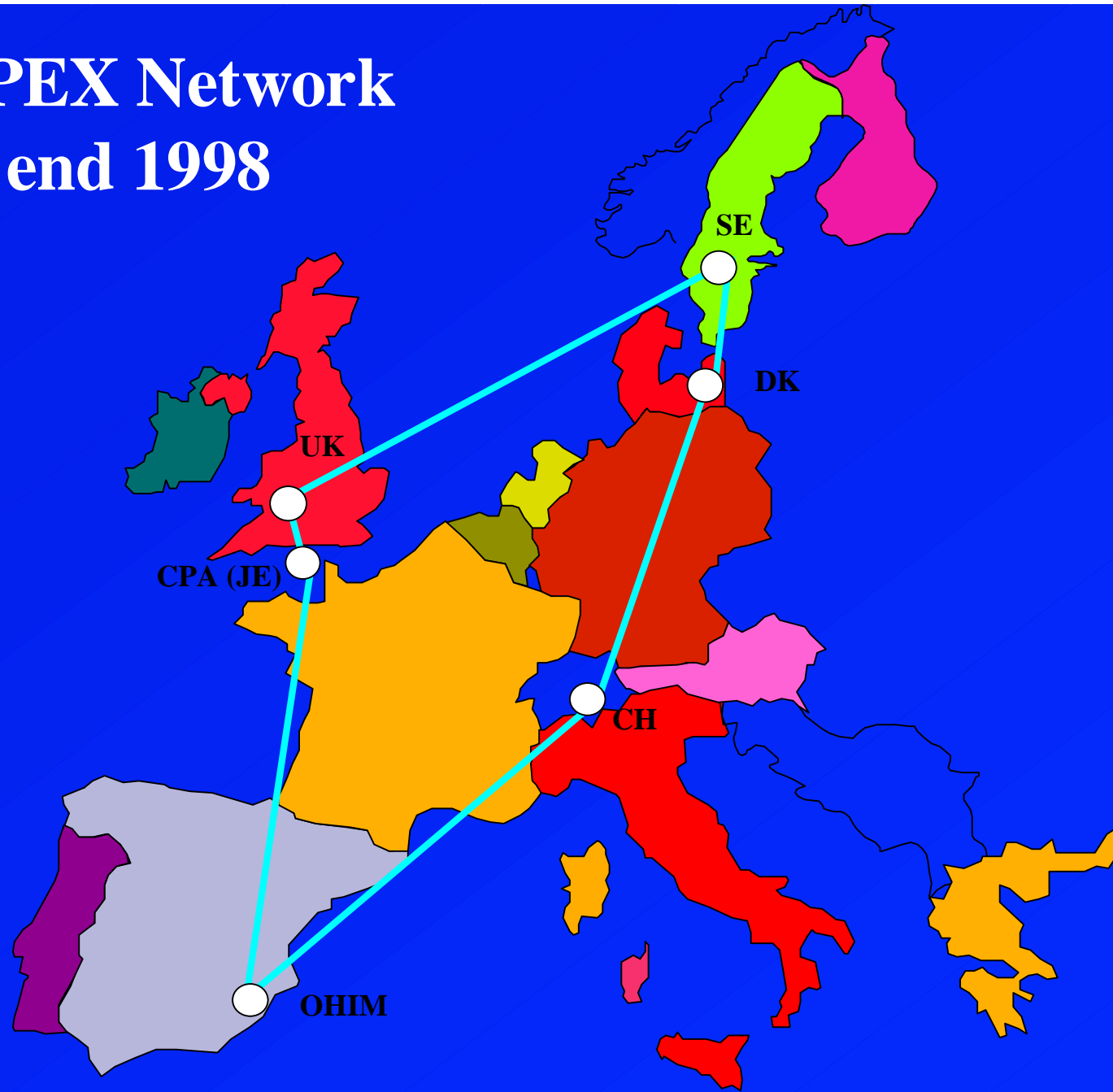
ECTA - under consideration

# The MIPEX Network

## Now



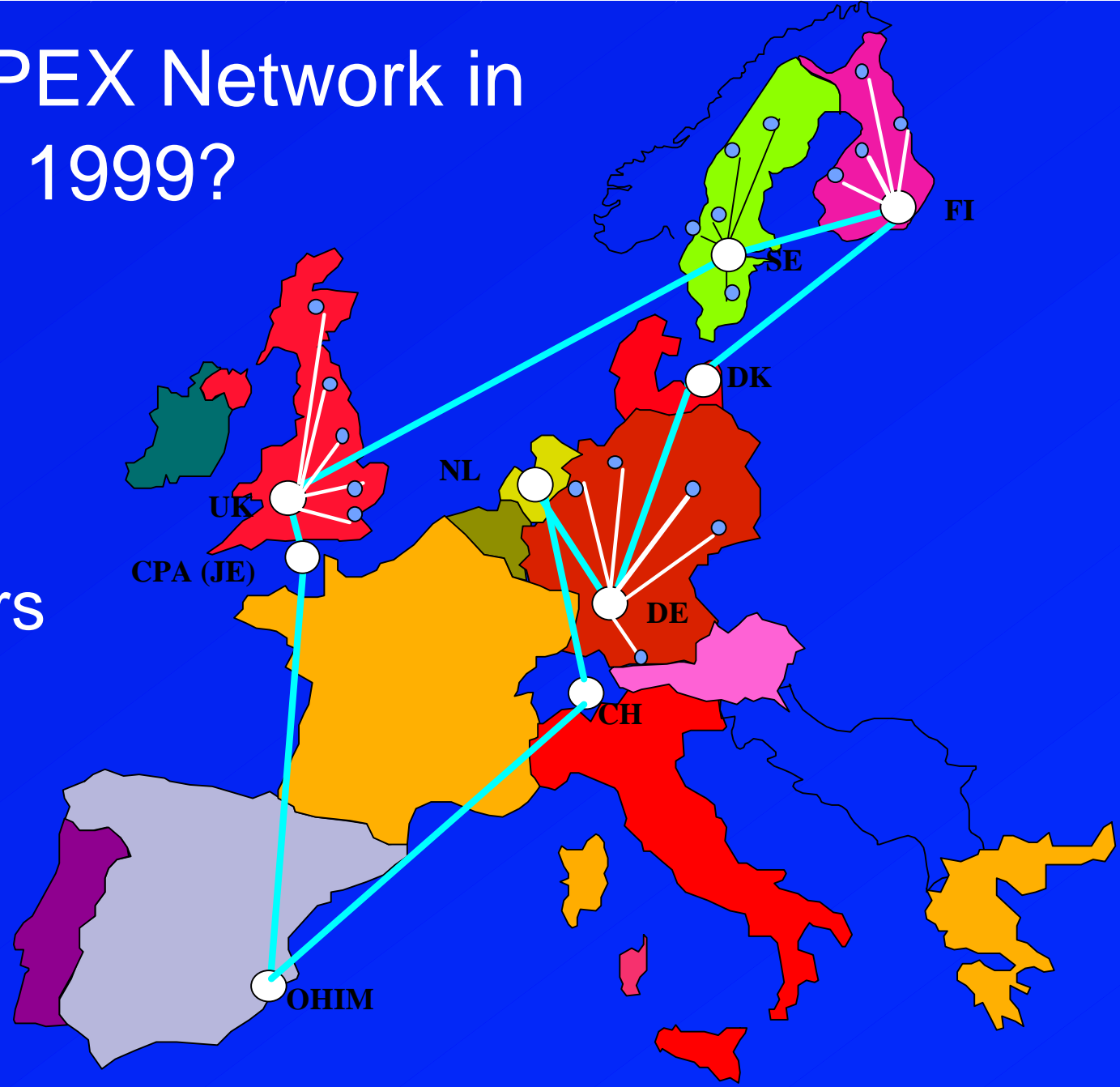
# The MIPEX Network at end 1998



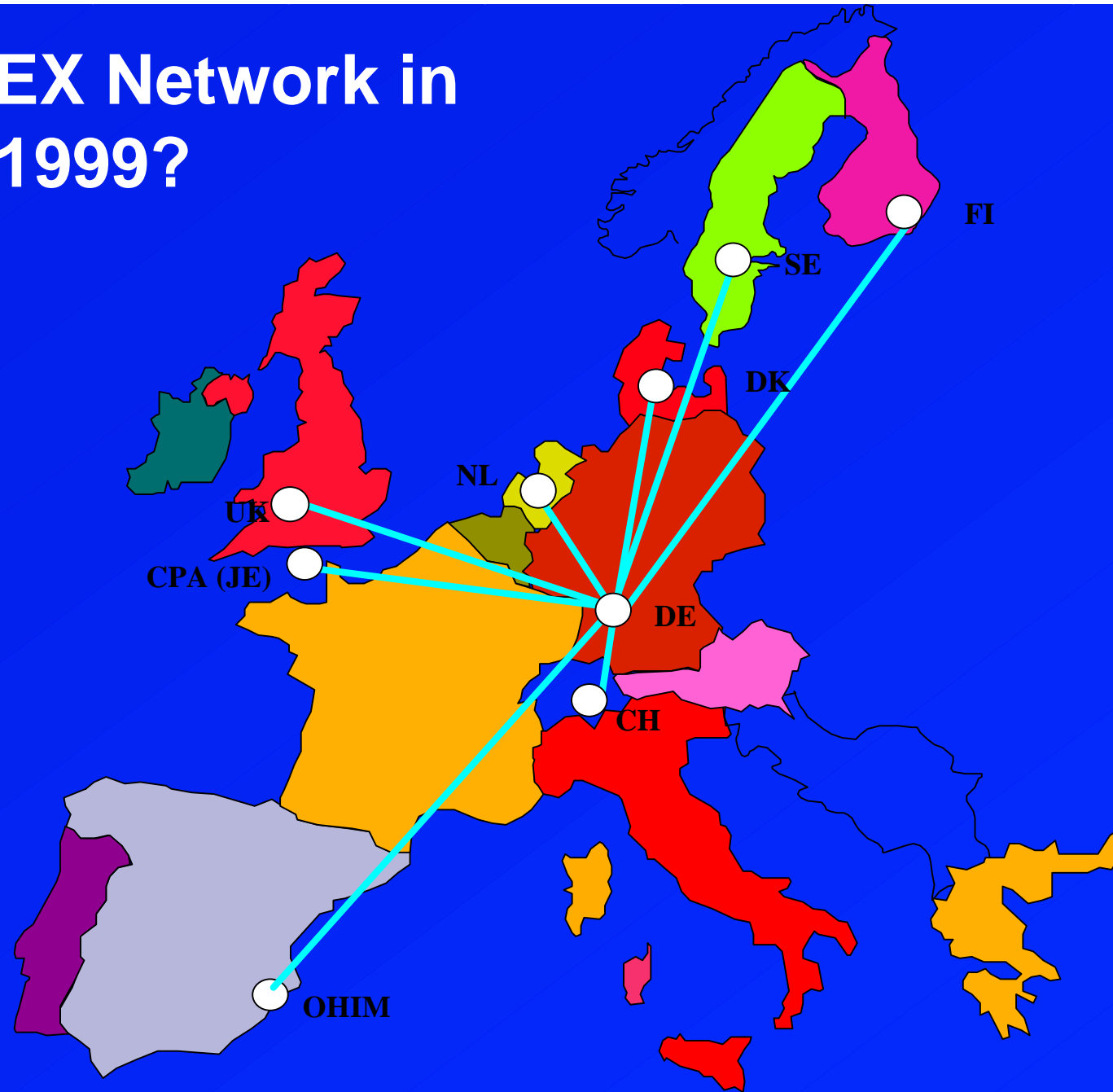



# The MIPEX Network in 1999?

Dial-up  
Access  
for Users



# The MIPEX Network in 1999?





*“Everything should be made as simple as possible, and no simpler”*

Albert Einstein