



Trilateral Network

**Standing Committee on
Information Technology
Geneva, June 22 to 26, 1998**



Trilateral Frame Relay Network

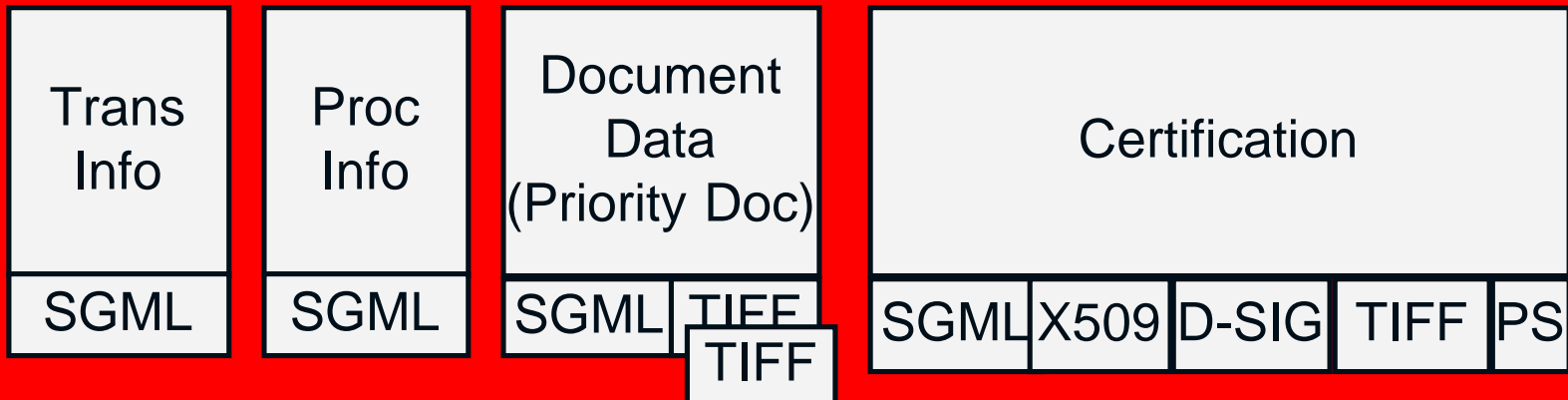
- **Trilateral Conference in Kyoto, Nov. 1997**
 - **agreed that on-line exchange was priority**
 - **for**
 - **new applications as priority documents**
 - **search record data**
 - **examination records**

Kyoto Trilateral Conference

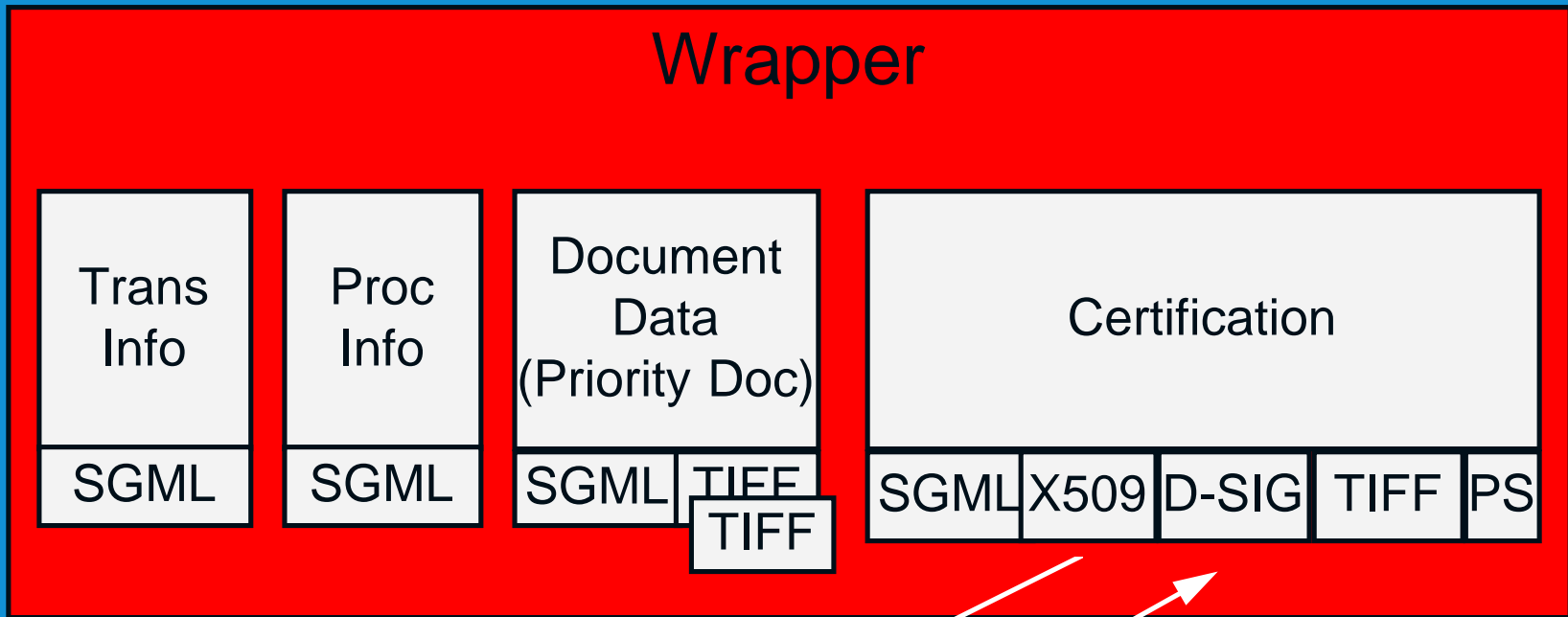
- **Set -up Infrastructure and Standards:**
- **SDIF (SGML Document Interchange Format)**
- **Frame Relay Network**
 - **Start small and increase capacity as required**
- **Security**
 - **Authenticity**
 - **Integrity**
 - **Secrecy**

SDIF Wrapper

Wrapper

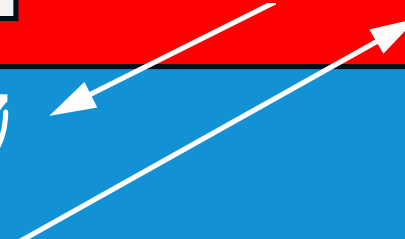


SDIF Wrapper



PKCS#7

D-SIG

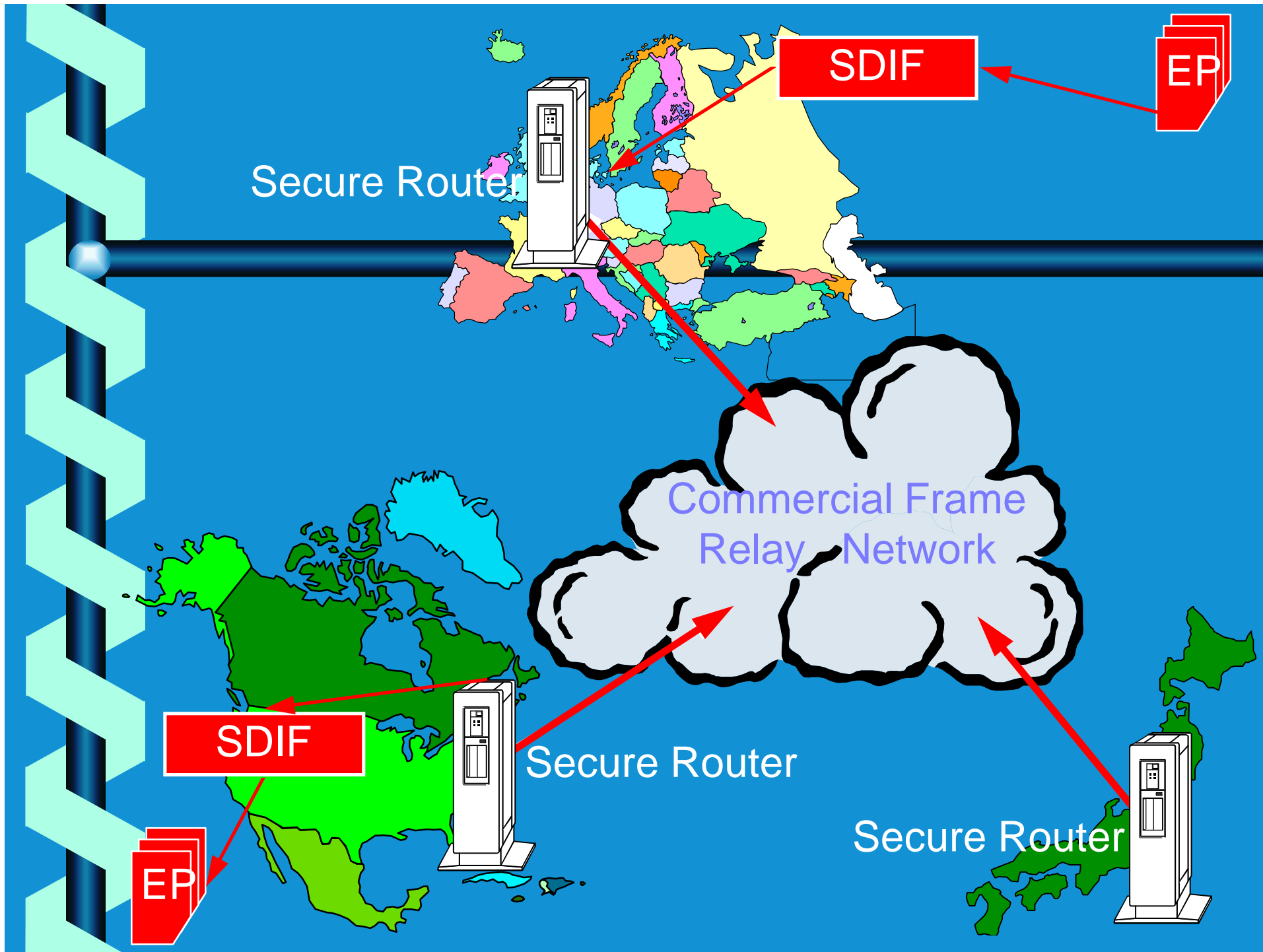


Frame Relay Network

- **Supports data exchange and access to systems using either Push or Pull on basis of clear definition of data requirements**
- **Push Technology**
 - **for systematic data exchange**
- **Pull Technology**
 - **for selective ad-hoc access to data**

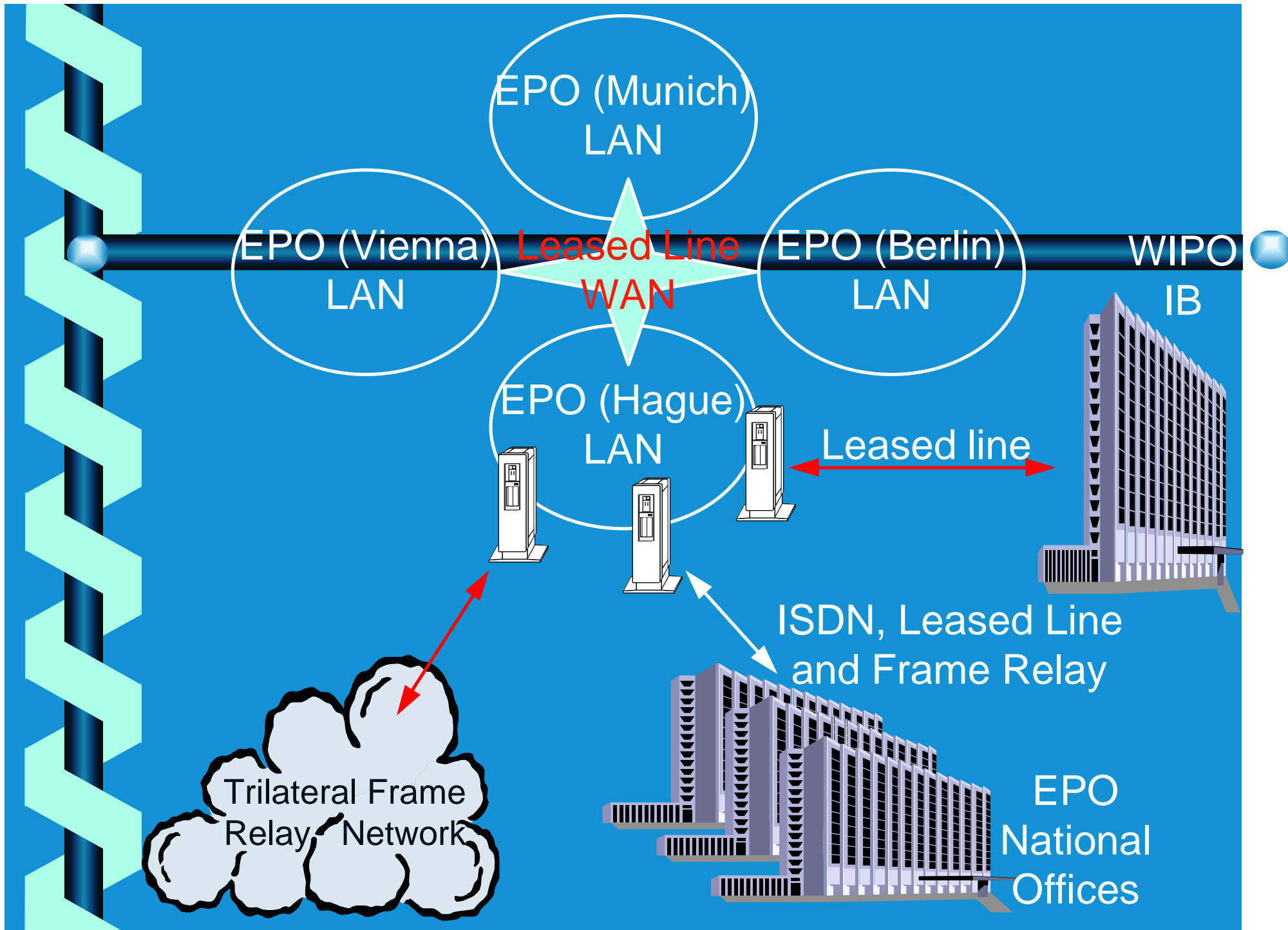
Security on Network

- **Borderguard encrypting router**
 - handles pipe security (128 bit IDEA)
- **X509 certificate ? digital signature in SDIF**
 - handles authenticity/integrity of data
- **MQ Series for Push technology**
 - handles transmission integrity
- **SSL & X509 certificate for Pull technology**
 - authenticity/integrity of session



Schedule

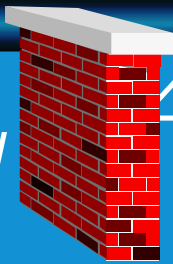
- **First discussions on SDIF standard - Jun'97**
- **Adoption of Plan in Trilateral - Nov'97**
- **Tender launched - May'98**
- **SDIF standard approved - Oct'98**
- **Priority Document DTD approved - Oct'98**
- **Implementation and testing - 4Q98**
- **Start of on-line exchange - 1Q99**



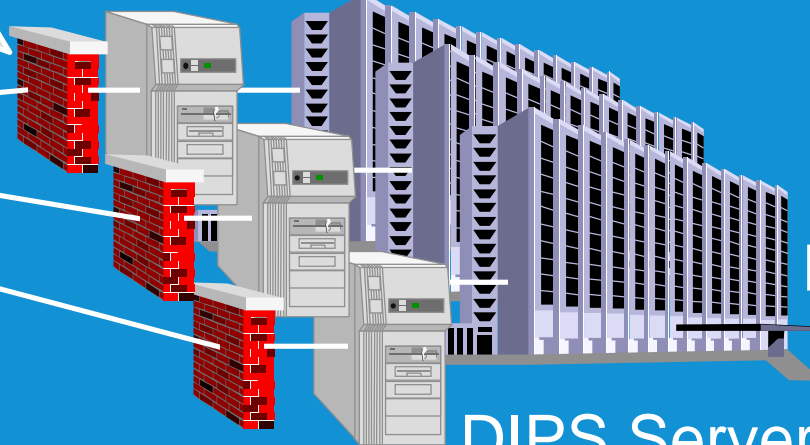
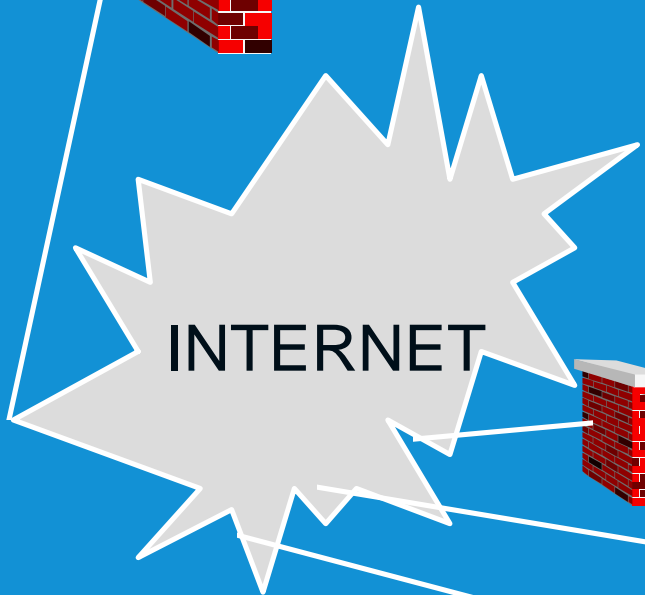
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INTERNET



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The End