



Global Trust Authority GTA

**DIGITAL IDENTITY FORUM
LONDON,
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MODELS

- | **Typically called :**
 - » Hierarchical
 - » Cross certified
 - » Four corner.
- | **But, more likely to be a combination of all the foregoing.**

COMMON FEATURES

- | **Trusted CA**
 - | **Common Liability Model**
 - | **Harmonised Protocols/Security.**
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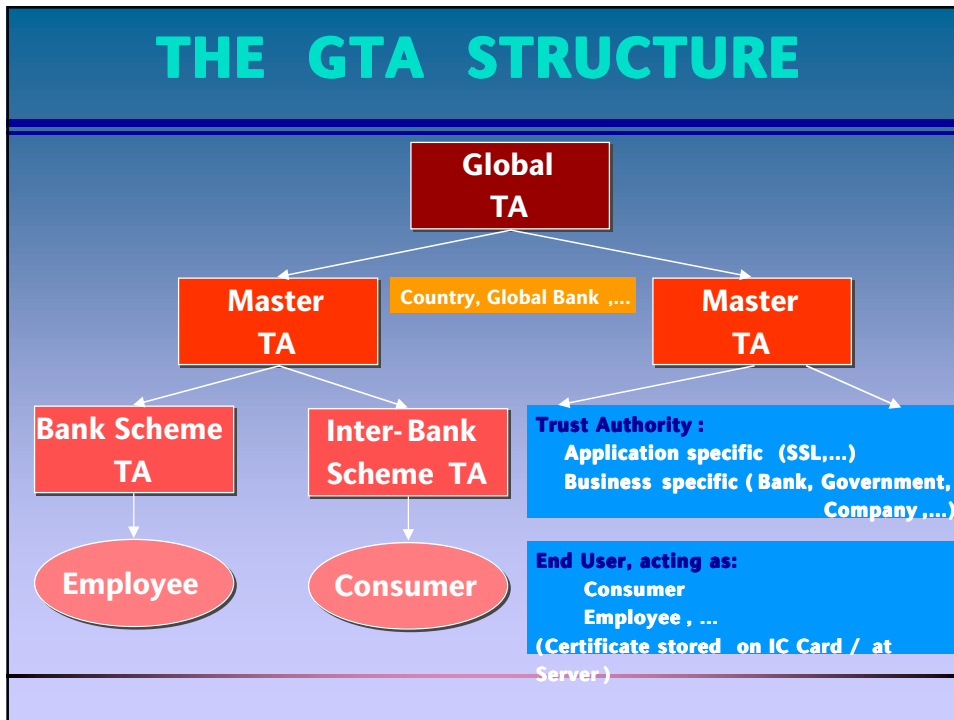
DIFFERENTIATING FEATURES

- | **Level of Security**
- | **Liability Acceptance**
- | **Equivalence to a written signature.**

CONSIDER ONE MODEL THAT EVOLVED FROM THE FOREGOING

- | **This model is:**
 - » Hierarchical
 - » Has the four corner characteristic
 - » Can be linked through cross certification
 - » Has common protocols/rules
 - » Will comply with the EU Directive.
-

THE GTA STRUCTURE



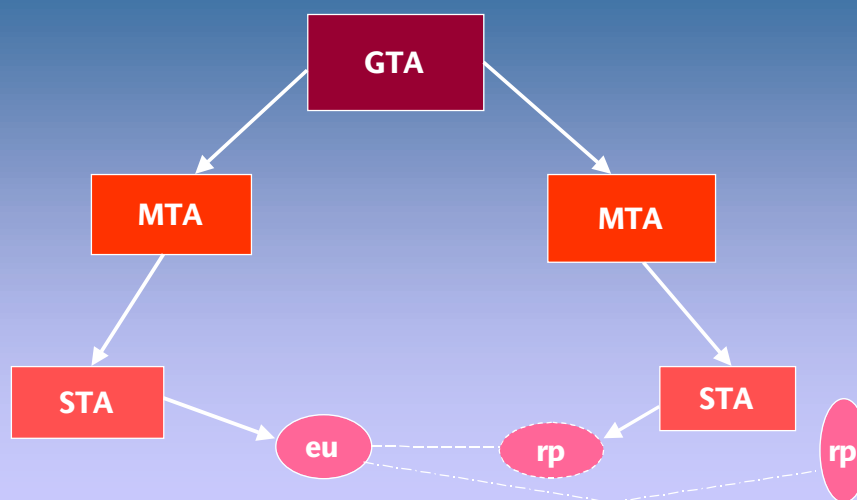
WHAT IS THE GTA?

- 4 It has a hierarchical structure (GTA/MTA/STA)
- 4 A minimum set of rules & regulations for MTA and STA interoperability
- 4 GTA is to certify MTA by providing an underwritten guarantee of the identity of an MTA holding a GTA certificate
- 4 GTA is to create and manage a global root key
- 4 To be independently audited on behalf of the members
- 4 GTA is a co-operative. Membership today based on regulated F.I., though it may be extended to other sectors
- 4 GTA is 'open': relying parties may not hold a GTA Certificate.

FEATURES OF THE GTA

- “Open” membership.
- “Open” model.
- “Open” applications.
- Not for profit.
- Promoting the EU Directive as a minimum requirement.

THE OPEN LIABILITY MODEL



GTA'S TARGET MARKETS

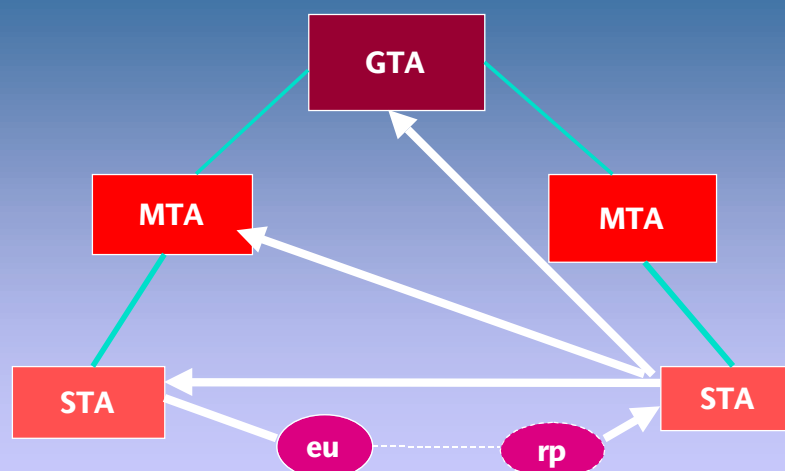
4 GTA DOES NOT DEFINE APPLICATIONS

4 MEMBERS WILL MEET REQUIREMENTS OF CUSTOMERS;

GTA PRIMARILY AIMED AT THE MARKET:

- In the European arena, initially.
- Not in competition with Identrus.
- A2A, B2A, C2A, B2C, B2B for SMEs, Interoperability between national CAs..
- To provide integrity for other sector markets (eg Stock Exchanges, Notaries, Medical, etc).

BUSINESS MODEL



EUROPE

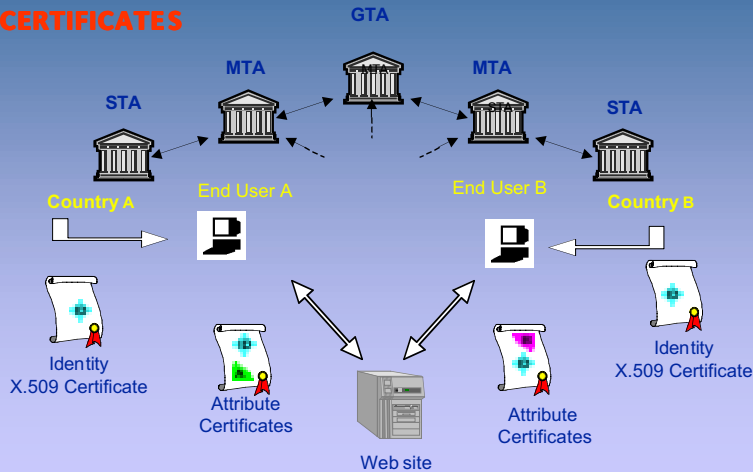
- 4 To comply with and promote the EU Directive on Electronic Signatures**
- 4 Receiving funding from the EU ISIS project.**
- 4 To participate actively in the work of the EESSI.**
 - » Qualified certificate/signature
 - » Secure signature creation/verification device
 - » Baseline certification policy.

... and BEYOND

GTA will embrace Electronic Signature Directives from other regions so long as they are, at least, equivalent to that issued in Europe.

EXAMPLE APPLICATION

ATTRIBUTES THAT DEMONSTRATE THE USE OF QUALIFIED CERTIFICATES



WHO ARE THE MEMBERS?

- **Belgium:** Isabel
- **France:**
 - Cartes Bancaires
 - Société Générale
 - BNP Paribas
 - Crédit Agricole
- **Italy:**
 - Società Interbancaria per L'Automazione (SIA)
 - Associazione Bancaria Italiana (ABI)
- **Portugal:**
 - SIBS (Sociedade Interbancária de Serviços)
- **Spain:**
 - Consorcio Iberion
 - Sermepa
 - La Caixa
 - BBVA
 - BSCH
 - Banesto
- **Switzerland:** Swisskey
- **The Netherlands:** Interpay

CURRENT STATUS

- **GTA registered on 21 August 2000.**
- **GTA Office opened in Brussels on 18 September 2000.**
- **GTA root key will become operative at Interpay before end-October 2000.**
- **Test bed Q4 2000.**
- **Applications scheduled by Q1 2001.**
- **Three very active working groups:**
 - Market Affairs
 - Legal
 - Technology/Pilot

CONCLUSION

**THE GTA WILL PROVIDE
A SECURE INFRASTRUCTURE
FOR CROSS BORDER
E-COMMERCE TRANSACTIONS
IN COMPLIANCE WITH, AT LEAST,
THE EU DIRECTIVE
ON ELECTRONIC SIGNATURES.**

**THE GTA WILL BE "OPEN" AS AN ORGANISATION
AND FOR END USERS OUTSIDE THE GTA AND WILL
GO "LIVE" IN 2001.**

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