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4   20   26   ITU-T SG17 Q.8(Telebiometrics)

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.   X.physiol, X.tsm, X.tpp, X.tai

, ISO/IEC JTC1   (SC27, SC37)

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ITU-T SG17 Q.8   ISO/IEC JTC1 SC27   SC37

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ISO/IEC JTC1 SC37 BioAPI Interworking Protocol(BIP)

(Biometrics)   ISO/IEC JTC1 SC37

(Harmonized   Vocabulary)   (Technical
Interfaces),   (Data Interchange Format),   (Profiles for Applications),
        (Testing and Reporting),   (Cross-Jurisdictional and
Societal Aspects)   ,   ITU-T
SG17/Q.8   ,

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SC37   WG2   24708(N1485)   BioAPI
Interworking Protocol(BIP)   ,   BioAPI
                biometric service providers(BSPs)

(BIP   )   (syntax),   (semantics),
(encoding)   .   ,   BIP   ,   ,
        BioAPI   .
                    BIP-enabled framework   ,   BIP-enabled framework
            BIP   ,   ,   Generic
BIP entity   .   , BIP   Generic BIP entity   BIP endpoints
   BIP   .
        BIP   ,   ,   ,
                                                                                        ,
                                    DB
                        .   BIP
,   ,   .

Telebiometrics   BIP   ,   <
    1>   .

<center><   1> BIP</center>

		Conformance Level	
		Level 1(generic BIP entity)	Level 2(BIP-enabled framework)
Role Capability Class	Master-role-capable	Master-role-capable generic BIP entity	Master-role-capable BIP-enabled framework
	Slave-role-capable	Slave-role-capable generic BIP entity	Slave-role-capable BIP-enabled framework
	Dual-role-capable	Dual-role-capable generic BIP entity	Dual-role-capable BIP-enabled framework

                        BIP   ,   dual-role
master-role   slave-role   , BIP-enabled framework   BioAPI
     BioSPI   API   .   ,   master-role-capable BIP-enabled framework
BioAPI API   slave-role-capable BIP-enabled framework   BioSPI API
                                        . <   1>   BIP-enabled framework
BIP endpoint

                                    .   BioAPI   Telebiometric
                    .
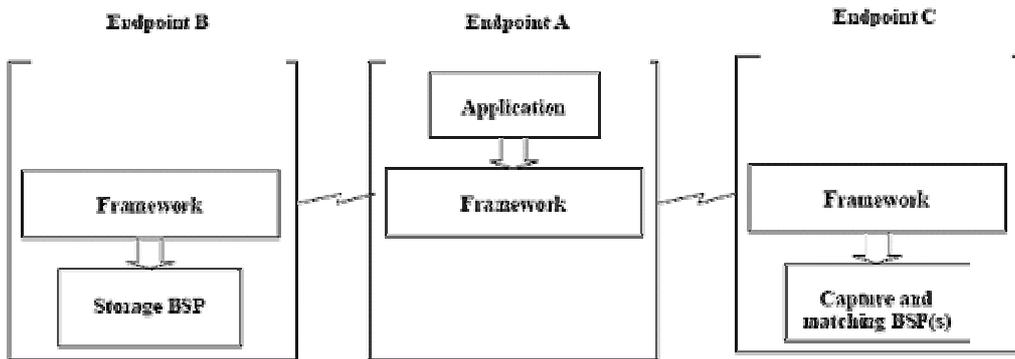
<center><   1> BIP-enabled framework BIP</center>

ITU-T SG17/Q.8 Telebiometrics System Mechanism(TSM)

ITU-T SG17/Q.8   X.tsm(: Mr. Isobe,   )
                        X.509 PKI   -   -TTP(Trusted Third Party)
                                                            ,

, Telebiometric System
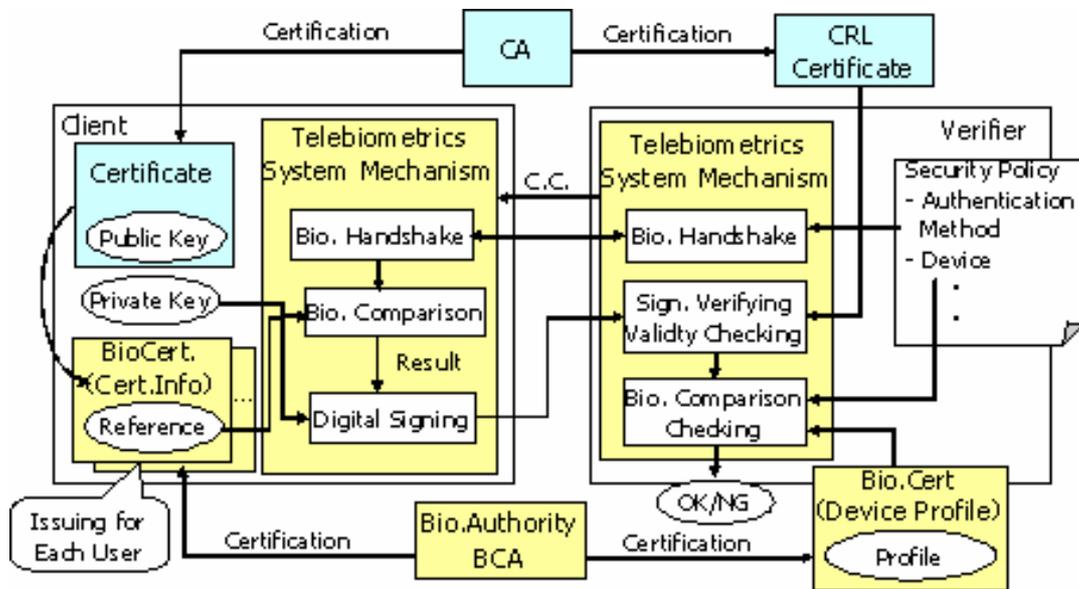
Handshaking   . <   2> X.tsm

, <   2>

-      - TTP   .

BIP   BioAPI   ,

(Biometric Service Proviser)

, TSM   TTP(Trusted Third Party)   PKI   Telebiometric

System   .   , TSM

SC37   .

<   2> Architecture Model for Telebiometric System Mechanism

Management Comparison	Client	Server	TTP
Client	Local	Download	Reference management on TTP for Client comparison
Server	Attached	Center	Reference management on TTP for Server comparison
TTP	Comparison Outsourcing by Client	Comparison Outsourcing by Server	Storage & comparison Outsourcing

<   2> TSM   Client-Server-TTP

, TSM

SC37 , BioAPI , CBEFF

. , ISO/IEC JTC1 SC37

ITU-T SG17/Q.8 . . . ITU-T SG17/Q.8

X.bip ,

9 X.bip

. , ISO/IEC JTC1 SC27 SC27N4834(Identification

Management) ISO/IEC 19792(Biometric Security Evaluation) Biometric

Verification Process Model ISO/IEC JTC1 SC27 SC37

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, ITU-T SG17/Q.8(Telebiometrics)

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SG17/Q.8 .

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