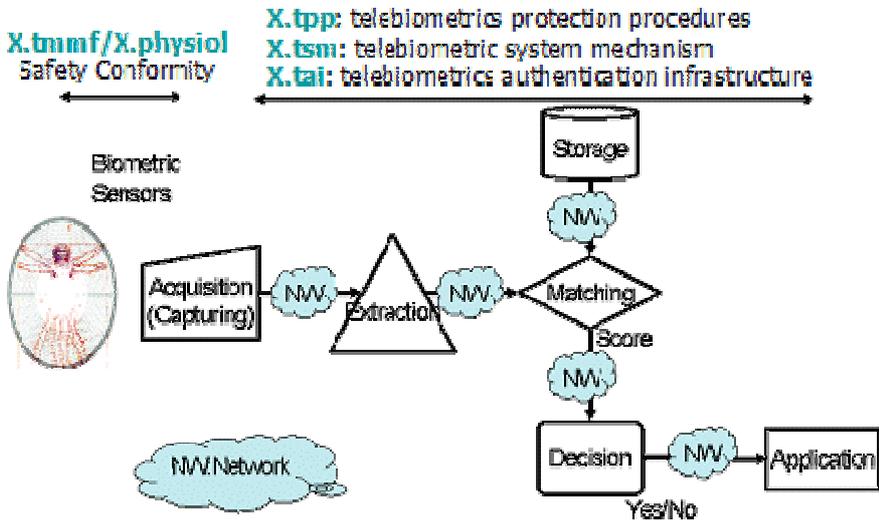


[ ] 가 Telebiometrics

ITU-T SG17/WP2 Q.8 , , , , < 1>  
 Telebiometrics TMMF(Telebiometrics Multi-Modal Model Frameworks),  
 TSM(Telebiometrics System Mechanism), TPP(Telebiometrics Protection Procedures),  
 TAI(Telebiometric Authentication Infrastructure)  
 4 가 . TMMF (AULM社)가 2004 4  
 , TSM (Hitachi社) 2004 , TPP (KISA) 2005 3 ,  
 TAI (Huawei社) 2005 10 .

❖ Series X: Data Networks and Open System Communications



< 1> ITU-T SG17 Q.8(Telebiometrics)

2006 9 11 15 ITU-T SG17 Q.8 Interlim  
 TPP( , ), TAI( , Shuling), TSM( , Isobe), 4  
 ISO/IEC JTC1 SC37 ITU-T SG17  
 BIP(BioAPI Interworking Protocol, ) 가  
 , 가 JTC1 SC37 BIP ITU-T SG17 TSM  
 ( /KISA) ( )  
 / ) XPP TSM

X.tpp-1( : /KISA)

, Replay Attack

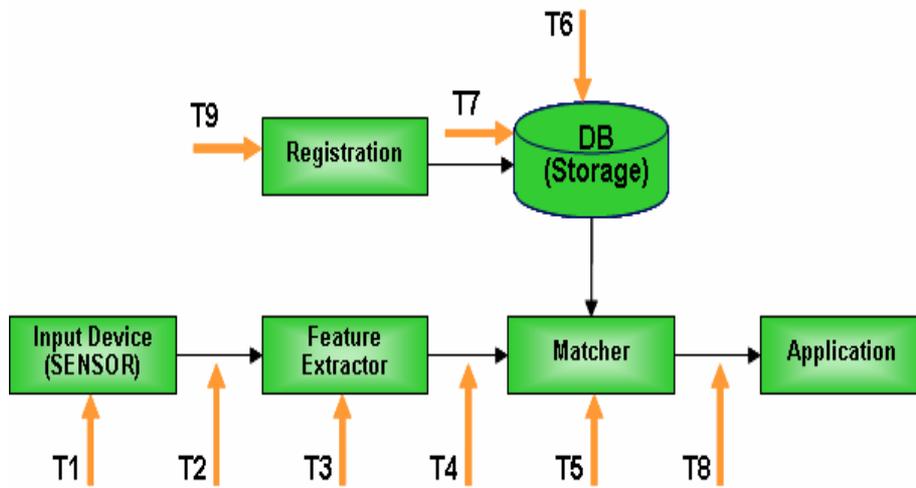
가

ISO/IEC JTC1 SC27

Telebiometric (Signal Processing), (Storage), (Data Capture), (Comparison), (Decision) 5

< 2> Telebiometric 가 , <

3> 5 Telebiometric 9



< 2> Telebiometrics

	Input Device (SENSOR)	Feature Extractor	Matcher	Transmission	Storage
T1	✓				
T2	✓	✓			
T3		✓		✓	
T4		✓	✓		
T5			✓		
T6			✓		✓
T7			✓	✓	✓
T8			✓	✓	
T9					✓

< 3> Telebiometrics

Replay Attack ,

, < 4>



< 5> BIP TSM

9 ITU-T SG17 Q.8 4 2  
Protection Model , 가  
Biometric Template-  
12 (Shuling/Hauwei 社)  
12 ( )  
Telebiometrics  
ITU-T SG17 Q.8  
( K-NBTC , jskim@kisa.or.kr)