ARATEK

TrustLink™ Platform

TrustLink™ is an ideal biometric identity authentication platform for software developers.

TrustLink™ is a high-performance biometric authentication platform that supports large-scale facial and fingerprint recognition.
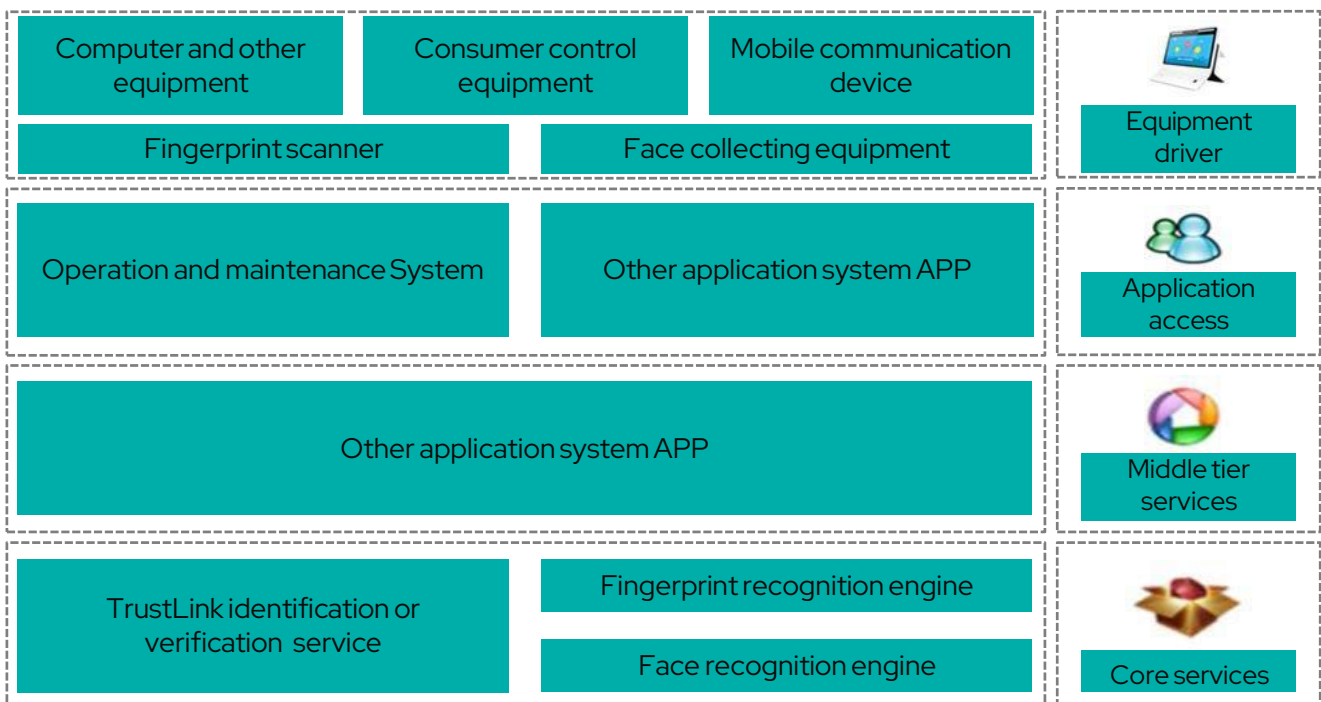
Features

- **Powerful Algorithm**
  Aratek Bione® Dynamic Optimization Algorithm
  TrustFace face recognition algorithm

- **Compliant with Industry Standards**
  ISO19794-2, ISO19794-4, ISO19794-5, ANSI 378, ANSI 381

- **Support Multiple Databases**
  Oracle11g, MySQL 5.7, SQL Server 2005/2008

- **OS Support**
  Win7, Win10, Windows Server 2008/2012, Linux (CentOS 7)

Applications

- **Government**
- **Education**
- **Financial**
- **Hotel**

- **Information Security**
- **Healthcare**
- **Community**

System Configuration

Computer and other equipment	Consumer control equipment	Mobile communication device	Equipment driver
Fingerprint scanner	Face collecting equipment		

Operation and maintenance System	Other application system APP	Application access

Other application system APP	Middle tier services

TrustLink identification or verification service	Fingerprint recognition engine	Core services
	Face recognition engine	

TrustLink™ Platform

Fingerprint Recognition

Maximum number of templates that can be supported	10 million
Feature template size	≤2k
Image resolution requirement	500DPI (within 2% error)
1 to 1 concurrent performance	300tps
Recognition speed	≤0.728s

Face Recognition

Maximum number of templates that can be supported	10 million
Feature template size	≤4kb
Image resolution requirement	>102*126
1 to 1 concurrent performance	300tps
Recognition speed	≤1s

Server Recommended Configuration

CPU	Eight cores and above
Memory	16GB and above
Hard disk	250GB and above

Recommended Browser Version

IE11

Customization

C++, C#, PHP, Java, Delphi