

Need for Conformance Testing

The success of many biometric applications is particularly dependent on the interoperability of biometric systems. A number of biometric national and international standards in support of these applications have been developed and published.

The existence of these base standards alone (e.g., biometric data interchange formats, biometric technical interfaces) is not enough to demonstrate that products meet the technical requirements specified in the standards.

Conformance testing captures the technical description of a standard and measures whether an implementation faithfully implements the standard. Standards-based conformance test tools help both developers and users by validating conformance claims, leading to greatly increased levels of confidence in products. Conformance testing can also help ensure interoperability between standards-based products and systems.