

HITACHI BioHUB FOR MULTI-MODAL BIOMETRICS

BioHUB is a component of the Finger Vein Server suite. A middle layer module, it provides a single interface to central systems and is used by retail banks to simplify the integration, management and support when multiple types of biometric authentication systems are used.



BioHUB SPEEDS UP IMPLEMENTATION TIMES,
PROVIDES FOR SMOOTH DEPLOYMENT AND
ALLOWS INDEPENDENT TESTING OF EACH SYSTEM
VIA A SINGLE AND STANDARDISED INTERFACE TO
THE BANK'S SYSTEMS.

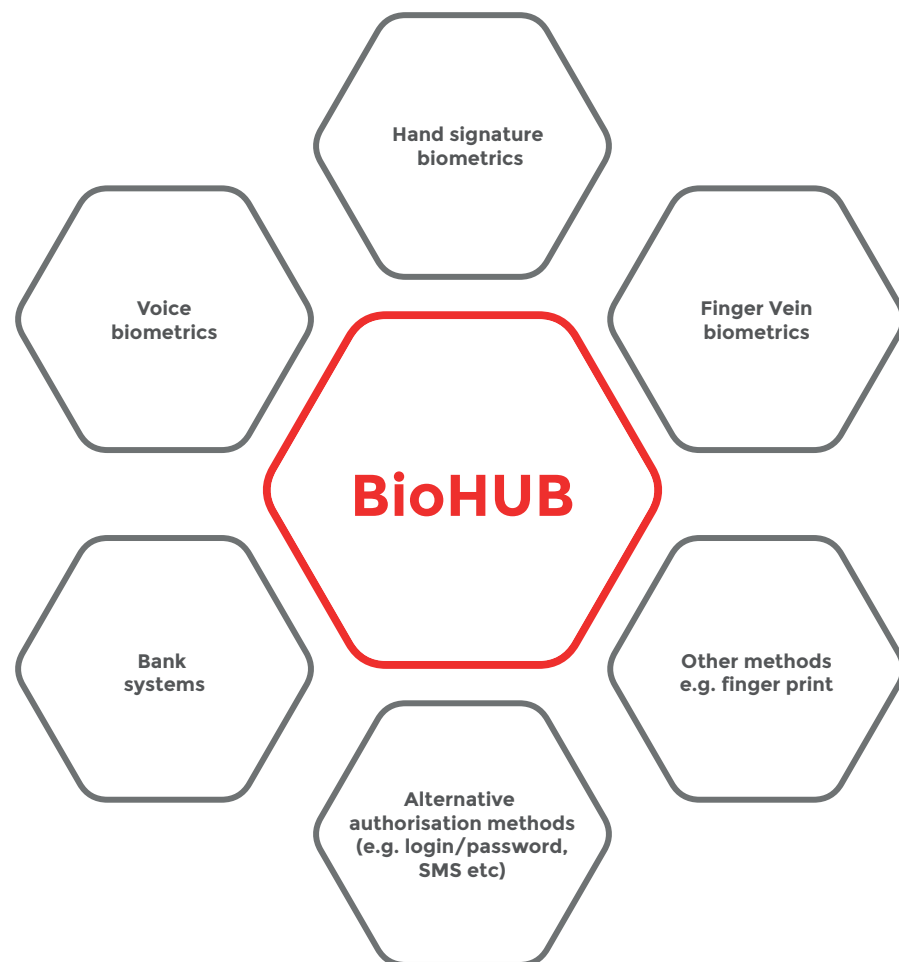
IT ACTS AS A CENTRAL REPOSITORY FOR BIOMETRIC
TEMPLATES AND CAN REDUCE COSTS AND EFFORT
FOR POST IMPLEMENTATION SUPPORT.



EXTEND BIOMETRIC AUTHENTICATION OPTIONS AND DECREASE THE TIME TO MARKET

A flexible and scalable Java™ based platform allowing automatic centralised management and decision making regarding which biometric tool should be used to authorise each transaction type according to the channel.

Designed to decrease time to market via the use of a standard set of web services application program interfaces (APIs) to interface with banking systems. Vendor specific APIs are used to connect each type of biometric system to reduce complexity and effort for integration and testing.



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FEATURES



Logging of incoming requests.



Logging of authentication results.



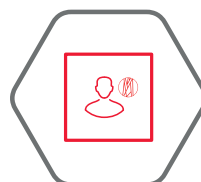
Transaction reporting.



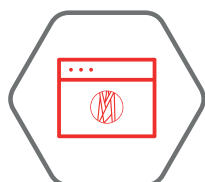
Log review functions.



Diagnostics – monitoring of other biometric systems.



Optional local storage of biometric templates for each modality.



Dedicated Web GUI for admin users.



Hard-lock option for failed authorisation attempts for specific users.



Can be integrated with AD1/SSO2 solutions for authentication of employees.



White List defines access rights for both services and client systems that can use BioHUB.

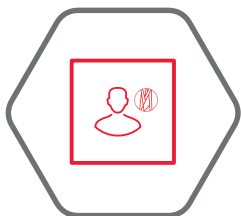


Soft-lock option (time based) in event of failed authorisation attempts (for customers/ employees).



Allows for definition of authorisation options at customer level by transaction type and source.

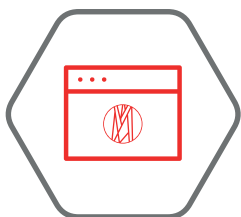
FLEXIBILITY AND SINGLE POINT OF BIOMETRIC DATA MANAGEMENT



A single data repository and management platform for handling all aspects of biometric authentication for internal users and customers including processing and storage of customer's consent for the use of each type of biometric solution.



A flexible tool that allows for the pro-active management of the business rules for different types of transactions across multiple channels allowing the bank to define business rules at granular or general level including: which methods for which channel for each type of user (staff or customer).



The Web GUI provides full auditing and reporting for all user based activities relating to biometric data including registrations, updates, deletions, authorisations, document signing requests.

FURTHER INFORMATION

Please contact Hitachi Europe Limited for further information about Hitachi's finger vein technology, applications and devices.

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