

FbF[®] bioClient 2.0



Client-side device management and messaging

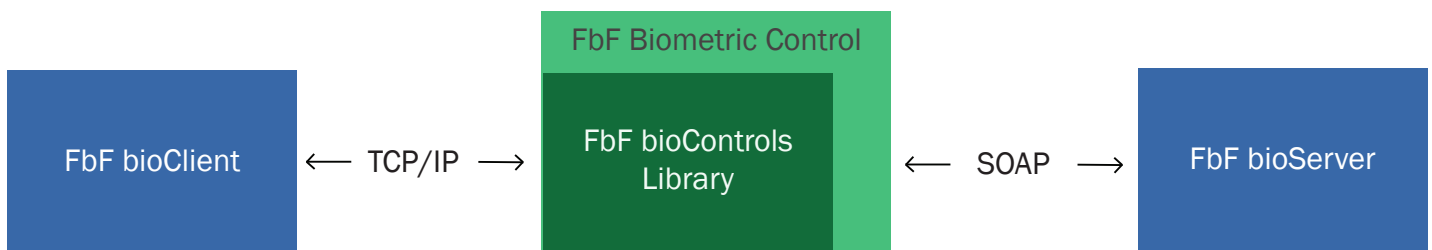
The FbF bioClient is a ready-to-deploy client side application that overcomes the challenges involved with the integration of a biometric application with a variety of biometric sensors and the demand for web-based, distributed applications by providing an abstraction layer between biometric hardware and the business logic present in web applications. This is accomplished through the use of a proprietary messaging architecture that is securely communicated through a standard TCP/IP connection. FbF bioClient is optimized to use the Microsoft Silverlight Technology as a rich, web-based user interface for biometric systems, although this communication channel can be accessed using a variety of development technologies.

One Size Fits All

The FbF bioClient provides a multi-biometric, multi-sensor, subscription-based interface that is common across all FbF solutions. In addition to providing raw biometric images in a number of image formats, the FbF bioClient also provides biometric templates using either proprietary Neurotechnology (VeriFinger, VeriLook, VeriEye, MegaMatcher) formats or standardized formats such as ISO and NIST. These templates are seamlessly passed to a FbF bioServer or other biometric identification system for processing.

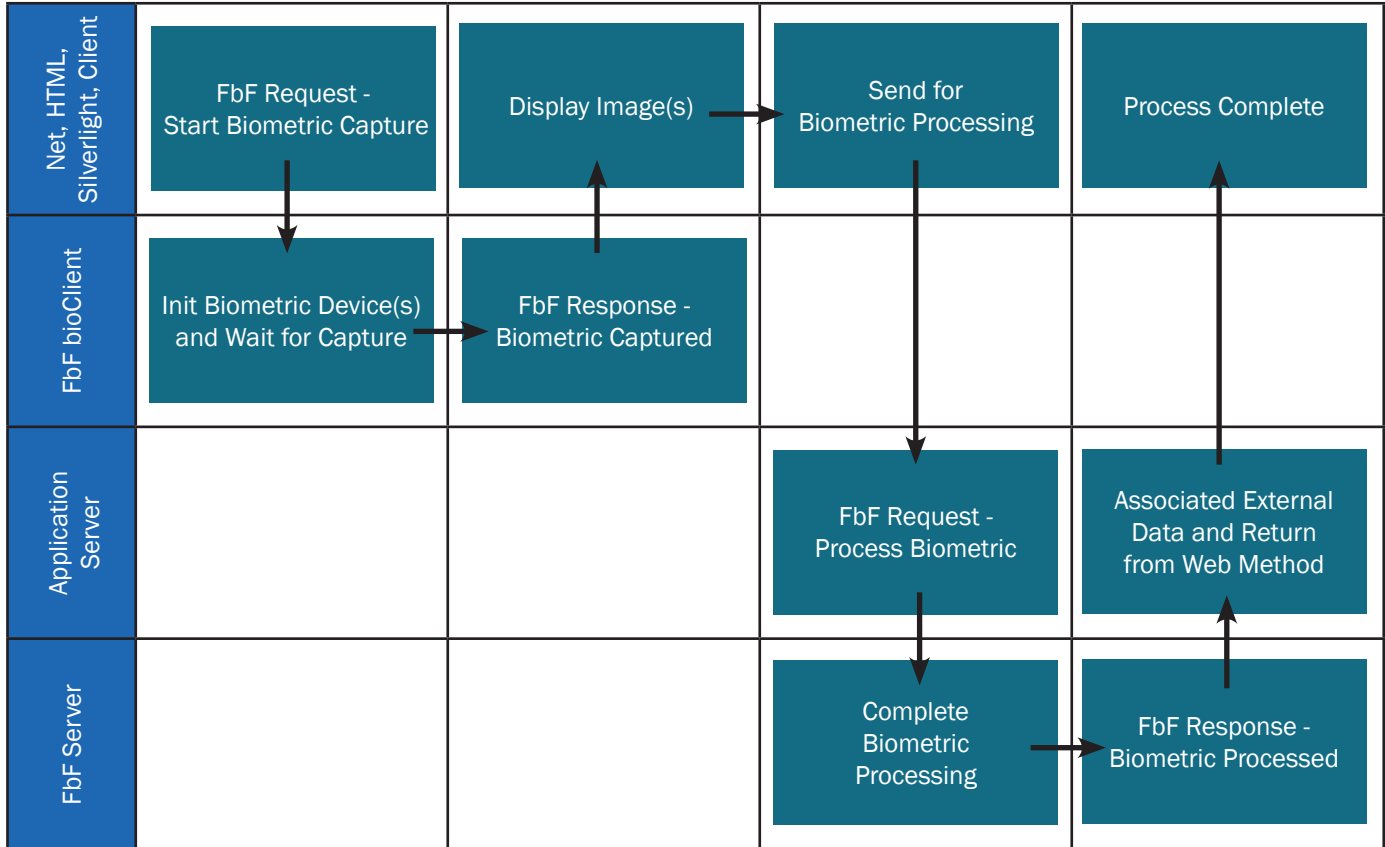
Key Features

- Runs in the background (Always-On Application)
- Automatic device detection
- ClickOnce deployment
- Allows for event driven biometrics
- Publish/Subscribe biometric model
- FbF messaging architecture
- Easiest way to integrate client side biometric components
- Eliminates messy hardware integrations



FbF Messaging Model

The key to the flexibility of the Fulcrum Biometric Framework is its sophisticated messaging model. This messaging model provides a highly optimized biometric abstraction layer that enables the FbF bioClient and FbF bioServer to seamlessly connect to thousands of unique system designs with a common application version across all installations. By logically separating the development of business application functionality from biometric processing, the FbF messaging model allows application designers and developers to focus on developing the core business logic, making it possible to deliver better applications more quickly than what is possible using traditional biometric SDKs.



Supported Biometric Devices

Crossmatch

- Digital Persona U.are.U 4500 series fingerprint sensors
- Eikon and EikonTouch series fingerprint sensors

Futronic

- FS80H, 88H, 89H, 82,HC 81H, 50, 51, 60, 64 fingerprint sensors

Lumidigm

- Mercury Desktop and Venus Series fingerprint sensors

Iris ID

- TD100, iCAM T10
- USB Webcam**
or any camera supporting Windows Directshow

Suprema

- RealScan G-10, RealScan-D, RealScan-P Live Scan devices

Integrated biometrics

- Curve, Columbo, Watson, Sherlock fingerprint sensors

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