



Infor Factory Track Biometrics Architecture Guide

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About this guide

This guide provides information for the architecture of the biometric system.

Contacting Infor

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Introduction

The biometric system comprises of a biometric device that is connected to the Factory Track Shared Client Terminal. The components installed on [FT Shared Client Terminal](#) for accessing the biometrics data are:

- Biometric device drivers and Device SDK along with the runtime files.
- Factory Track Interface Service (FT Interface Service).

The **FT Interface Service** supports two operational modes:

- Administrator mode for the enrollment process of the employee.
- Shop Floor mode for the matching process of the employee's biometric data.

The processes required to scan, save and match the employee data in the Shared Client Terminal are:

- Enrollment: The process to scan in the employee biometric data and store in a local database.
- Matching: The matching process that verifies the employee fingerprints with the employee biometric data.

Biometric System Architecture

The architecture of the biometric system comprises of these components:

- Shared Client Terminal: The PC/tablet used by the employees. Each terminal must have a separate biometric device.
- Device SDK: The device driver provided by the device vendor. This device is installed on the Shared Client Terminal. The device is used to match biometric information of the employee.
- FT Interface Service: This service is installed on the Shared Client Terminal and provides a configuration tool to configure the .NET program running on the terminal. The service requires a local SQL Server database to store employee biometric information, downloaded automatically from the Factory Track database.
- Automation License: The FT license module that enables external applications to communicate with the Factory Track IDOs.
- Biometric Data: The local SQL Server database in which employee biometric data is stored.
- Messaging Layer: The Factory Track messaging layer is developed to send messages to the FT user (administrator/supervisor).

