



# FRIS II

FingerTec Remote Identification System

Fingerprint Remote Identification Server or FRIS is a well designed server application intended for clients with large user capacity requirements and we are talking about more than what individual FingerTec terminals could contain. FRIS server is a giant-size online verification server designed to receive fingerprint templates from FingerTec terminals for verification. The limit of FRIS's user capacity is dependant upon the server's hard drive capacity. When using FRIS, FingerTec terminals become fingerprint capturing stations only to prompt users with result(s) of verification while the server acts as the fingerprint matching station.

All transaction logs from the FingerTec terminals are stored in an database server (MySQL or MSSQL) for software developers or system integrators to utilize the database server to work with their application development. By using FRIS, software developers can develop their application without using BioBridge SDK; instead they can gather all transaction logs from the database server, and use their software to process data be it for time attendance calculations reports, payroll, or HR evaluation. System integrators can upgrade the system without having to use the BioBridge SDK, as they can gather information from the database server for integration with their current solution. In the case where an online verification is not required, fingerprint templates can be stored in each terminal. FRIS server then becomes a main control station, which transfers users to all terminals and downloads transaction logs from all terminals. The same storing mechanism applies in FRIS where the transaction logs are stored in the database server for software developers or system integrators to utilize. Software developers or system integrators can run the FRIS server to control all FingerTec terminals without having to develop a new application using BioBridge SDK.

## FEATURES & BENEFITS

- **STAFF MANAGEMENT**  
Better staff management and monitoring system via networked servers
- **MONITORING OF UNIT BRANCHES**  
Headquarters management of unit branches through multi-linked servers
- **MANAGEMENT OF MULTI READERS**  
Management of unlimited numbers of FingerTec terminals through a server
- **DATA SHARING**  
Smoother and safer data sharing between different employee levels
- **DATA CENTRALIZATION**  
Data centralization becomes more efficient and effective
- **DATA SECURITY**  
Secure data storage via MySQL or MsSQL database
- **SOFTWARE INTEGRATION**  
Data stored in database server provides the accessibility for third-party software intergration.
- **CONNECTIONS**  
Connectivity is possible via WAN (Wide Area Network), LAN (Local Area Network)



## WEB LINK

### Product

- <http://info.fingertec.com/fris2-1>

### User Guide

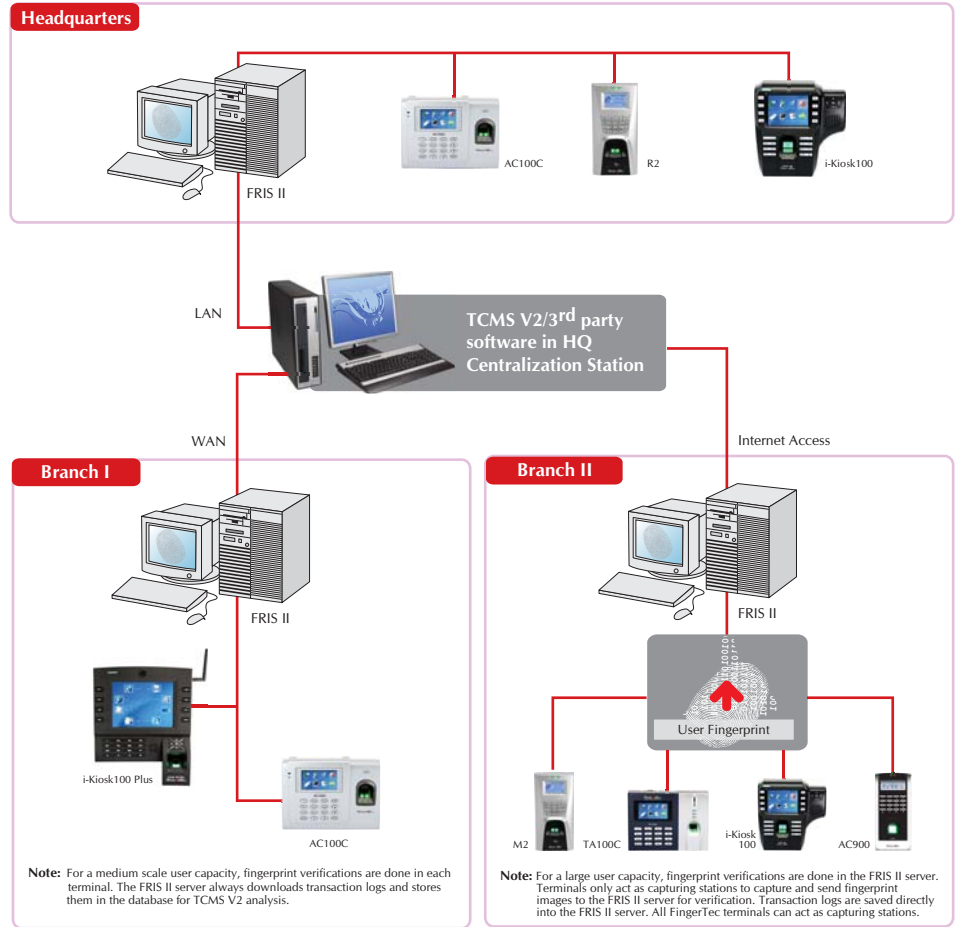
- <http://info.fingertec.com/fris2-2>

### Technical Tips

- <http://info.fingertec.com/fris2-3>

## SYSTEM DIAGRAM

NOTE: For illustration only



## MINIMUM REQUIREMENTS



FRIS II Module

- Pentium 4 3.0Ghz
- 1GB RAM
- 100MB for Server module installation
- Windows 2000 (Professional / Server), Windows XP (Professional), Windows 2003 Server, Windows Vista, Window 7 (32bits), Window 2008 server (32bits)

## SPECIFICATIONS

|                        |                                                                                                                                        |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| Database               | MySQL 4.2 or MsSQL 2005                                                                                                                |
| Supporting Model       | All FingerTec terminals                                                                                                                |
| Transactions Storage   | Unlimited, depends on database and hard drive storage                                                                                  |
| Communication Protocol | TCP/IP (port: 4368 & 4369) and UDP (port: 4371)                                                                                        |
| Ethernet Speed         | 100mbps                                                                                                                                |
| FRIS II Language       | English                                                                                                                                |
| TCMS Language          | English, Arabic, Malay, Indonesian, Chinese, Thai, Spanish, Portuguese, Vietnamese, French, Russian, Persian, German, Italian, Turkish |

\* The performance result is based on Pentium D 3.0GHz, 1GB RAM. The time excludes data transmission from FingerTec Terminal to FRIS server.



### Packaging

Dimension (mm): 150(L) x 50(W) x 270(H)  
Weight : 0.2kg

**FINGERTEC**  
www.fingertec.com

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