



SY-Server Software

A real-time, interactive solution for data transmission to and from terminals

Features

- Operates as a Service
- Functions as a clock server for Synel terminals via common communication types: TCP/IP, UDP, Serial and Modem
- Enables users to get immediate response from terminals
- Supports a wide range of terminals: SY-777, SY-715, SY-765 SY-785 and SY-795
- Allows users to write own DLL files to access any database
- Fingerprint template management - automatic request of a new template, upon request it transfers the plate to the terminal
- Built-in scheduler for routine operations
- Operation via telephone lines - the terminal initiates a call to the server, which operates on predefined actions
- Auto-switch between online and offline mode
- Multi-line zone support



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A fast communication application for interactive operation between terminals and a database. The SY-Server runs continuously, listening for requests and data from terminals. By running on TCP/IP, the server can easily be installed on a variety of networks.

How Does It Work?

1. Swiping a badge activates a query or data in the terminal; the query or data is sent to the server.
2. SY-Server acknowledges and identifies initiating terminal.
3. SY-Server calls upon specific DLL which collects and modifies information from a database.
4. DLL returns a response message to SY-Server.
5. SY-Server transfers the DLL message to the terminal in full or as a code. Terminal displays the message.



Simple and easy to use interface

Six different screens are allocated for operation:

Listening - for routine operations.

Set-up - for defining terminals and DLL settings and DLL paths.

Communications - to verify connections between SY-Server and terminals.

Log - displays past queries.

Messages - includes a list of different messages sent to the terminals in response to queries. Messages can be created by user.

Debugging DLL - to verify functionality; malfunctions are detected on three levels: connection, performance and disconnection.

Advantages

- Operates with Synel terminals SY-777, SY-715, SY-765, SY-785, and SY-795
- Terminal pushes data to server rather than server pulling data from terminal
- Multi-Socket: simultaneously handles a large number of terminals
- Ideal for the management of multiple schedules and personnel in locations such as airports and transportation offices
- Supports application or service mode
- Supports variety of DLL types
- Terminal's time update available in different time zones



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