



Internet Component Suite (ICS) for FMX and VCL v9.4 (15 Feb 2025) for Delphi 7-12 Athens Full Source

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is a powerful set of free internet components designed for developers in Delphi and C++Builder. It provides all the necessary tools to build internet-based applications, covering many communication protocols such as TCP, UDP, HTTP, FTP, and SMTP. ICS components are written in Object Pascal, supporting both Delphi and C++Builder platforms, and include complete source code for maximum customization. The fully event-driven suite simplifies handling multiple tasks simultaneously, such as client requests, data processing, and network communications.

ICS includes ready-made sample applications for each component, allowing developers to understand how to integrate them quickly and effectively. These applications demonstrate various internet functions, from building chat clients and web servers to creating email and FTP applications. Each sample is designed to be straightforward, giving developers a jumpstart on projects by showcasing real-world use cases. Moreover, ICS components are multi-thread safe, crucial for applications that handle high traffic or multiple connections, like servers or real-time messaging systems.

Beyond individual applications, **Internet Component Suite (ICS) for FMX and VCL** offers specialized tools that are easy to incorporate into a project, with features like SSL support for secure communications, DNS lookups, and terminal emulation for TELNET. Its comprehensive suite allows developers to easily add essential internet functionalities into applications, whether building a secure email client, a responsive chat system, or a multi-user server. With its wide protocol support and ease of use, **Internet Component Suite (ICS) for FMX and VCL** enables new and experienced developers to build reliable, feature-rich network applications.

Key Features of Internet Component Suite (ICS) for FMX and VCL :

- TWSocket:** Core winsock component that handles TCP, UDP, and SOCKS5 protocols with SSL support, useful for creating client and server applications.
- TWSocketServer:** A server component based on TWSocket, capable of handling multiple users and secure connections.
- TSmtpCli:** SMTP client for sending emails and attachments to mail servers.
- TPop3Cli:** POP3 client for retrieving emails from mail servers.
- TDnsQuery:** Handles DNS queries to obtain IP addresses, hostnames, and email-related records.
- TFtpCli/TFtpSrv:** FTP client and server components for file transfers and directory management on FTP servers.
- THttpCli/THttpSrv:** HTTP client/server components, allowing access to web servers for data retrieval or web hosting, with optional HTTPS support.
- TtnCnx and TtnEmulVT:** TELNET client and ANSI terminal emulation, useful for remote server management and terminal applications.
- TPing:** ICMP ping support allows applications to verify connectivity with hosts.
- Sample Applications:** This section includes full examples for various uses, such as chat applications, FTP clients, web servers, DNS lookup, and multi-threaded servers. It provides a foundation for various internet-enabled projects.



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