

Telos 2101 / TWOx12 / Nx12 SDK

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The Telos 2101 / TWOx12 / Nx12 Software Development Kit can be used to develop call screening or control applications for Telos telephony products. The SDK includes documentation, C++ source code and TLSAPX, a COM/ActiveX control that can be included with your application. The sections below describe three different choices in building your application.

Use TLSAPX

If your application will run on Windows then this choice is one of the simplest. The TLSAPX control takes care of most of the details for you: it manages the TCP/IP socket communications, encodes and decodes message packets and notifies the application when messages are received. The control can be used from a variety of programming languages from C++ to Visual Basic, C# and other .NET languages. To get started with TLSAPX, please read the "TLSAPX25-User Guide.pdf" document found in the TLSAPX directory.

Use the C++ API

This choice is a bit more complex than using TLSAPX. It is appropriate if you are building an application for an OS other than Windows or are just not able (or willing) to use the TLSAPX control. We include a set of C++ classes that handle the message creation and parsing. Your application needs to implement the TCP/IP socket communication and respond to events received from the API. The source code can be found in the "C++ API\Source" directory. You should start by reading the "Low-Level API.pdf" document (found in the "C++ API" folder) then have a look at the source code.

Do It All From Scratch

Some would say that this is the only way to do it. It is also (arguably) the slowest approach. The "Low-Level Control Protocol.pdf" document, found in the "Protocol Description" folder, describes the packet format used to encode messages exchanged between the application and the Telos device. Using this information you can build your application on any platform, using the development language of your choice (Erlang anyone?).

Feedback

Please address any questions or comments to Ioan Rus by email at ioan@telos-systems.com.