



Odin TeleSystems Inc.

*Open Telecom for
Open Minds*

Award winning OTX (Odin Telecom framework) software platform provides a flexible open software platform, which allows rapid software application development and deployment reducing the time to market.

OTX platform consists of interchangeable building blocks comprised of the hardware driver, software development kit, and application program interfaces. OTX-Plus adds support for 32-bit DMA burst which drastically increases data throughput performance.

OTX platform provides a convenient way to develop voice, call processing and DSP applications.

OTX platform is a scalable platform. OTX manages hardware resources allowing multiple applications and/or multiple processes and threads to use multiple adapter boards with minimum blocking.

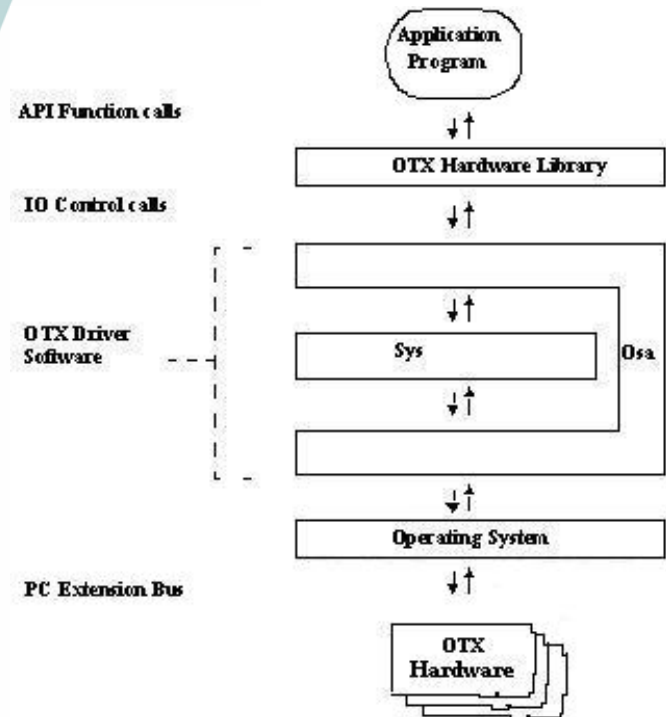
OTX platform uses system resources efficiently thereby lowering the CPU load and provides for higher channel densities.

The OTX platform allows direct access to all devices on the boards. The OTX platform allows the developer to configure and load each DSP with separate firmware modules to perform simultaneous multiple tasks. The OTX platform also allows customized DSP programs to be development through the OTX DSP software development kit.

Benefits of OTX:

- OTX supports multiple Operating System platforms, Windows98/Me/2000/NT/XP, Red Hat Linux 2.2.x and Linux 2.4.x. Allows developer to compile the same application for multiple platforms thus reducing development time.
- A single programming platform across the entire family of Odin's OTX hardware cards.
- Extensive documentation, demonstration programs with sample code reducing the developer's effort.

OTX-Platform



OTX Hardware Driver Interfaces

Feature Highlights

- H.100 (CT Bus) switching support
- Support for super-channels and sub-channels.
- Tone detection and generation.
- Support for ring tone, busy tone and FSK (Caller ID).
- BER Testing.
- File recording and playback.
- CAS signaling and Robbed Bit signaling.
- DSP SDK available for Texas Instruments C54x and C55x DSPs.
- Dynamic link libraries (DLL).
- HDLC generators and receivers.
- Silence detection.
- Audio Mixing.
- Trunk interface (onhook/offhook)
- ISDN Call Control (Provided as an add-on).
- Supports Windows98/2000/NT/Me/XP, Linux 2.2.x and Linux 2.4.x operating systems.
- C# and VB interface wrapper examples