



Odin TeleSystems Inc.

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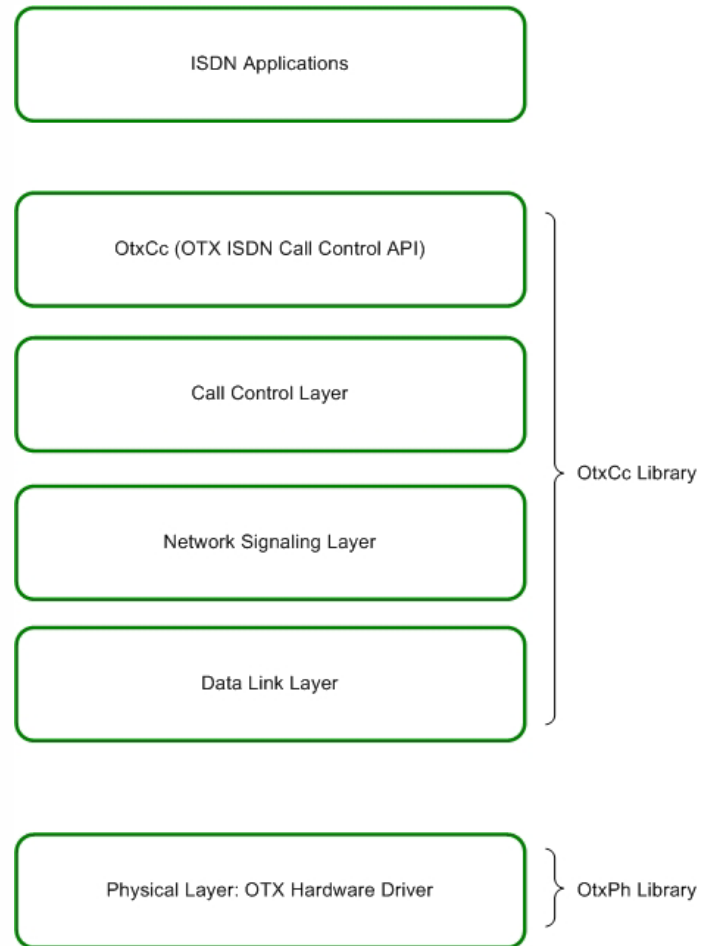
The OTX ISDN call control API provides a rapid and easy way to develop ISDN applications targeted for Odin TeleSystems' powerful OTX hardware. It allows developers to develop innovative applications which include voice messaging systems, automatic call distribution systems, telephony switching, signaling engines, call simulators, etc.

The OTX ISDN call control API is designed using the well-known ISDN stack provided by Netbricks (formerly Omnitel).

The API uses standard OTX methods for event notification. Simple API functions are provided to place and answer calls.

OTX-ISDN is supported on multiple popular operating systems and uses the same API across the entire span of Odin's OTX Thor family of ISDN PRI network cards. These two features combined, provide an easy migration path from one network interface card to another, and application platform independence.

OTX-ISDN



OTX-ISDN Architecture

Feature Highlights

- OTX-ISDN facilitates easy application development and hence reduces time to market.
- C/C++ language support
- Integrated with Odin's award winning telecom OTX software platform.
- Demonstration programs with source code.
- Support for multiple operating systems.
- Compliance with most North American ISDN PRI (23B+D) standards.

Technical Specifications

Standards	<p>OTX ISDN is in conformance with the following ISDN variants:</p> <ul style="list-style-type: none"> • AT&T 4ESS (PRI only) AT&T TR41459, August 1995 • AT&T 5ESS5 Custom AT&T 801-802-100, June 1998 • AT&T 5ESS9 Custom AT&T 235-900-341 Feb 94 and 235-900-342 Dec94 • Bellcore National 1 sr-nwt-001953 issue 1, June 91 • Bellcore National 2 SR-3887 and SR-3888 Nov96 • Northern Telecom DMS 100 NIS S208-6 (BCS 34) issue 1.1 1992 and NIS A211-1 v6 (BCS 36) Mar 1994
OTX-ISDN Call Control Functions	<ul style="list-style-type: none"> • OtxCcInit() : Function call to initialize OTX hardware • OtxCcConnect(), OtxCcOpenService(), OtxCcInitService() are function calls to open and initialize ISDN call control service. • OtxCcPlaceCall() : Function to place a call with calling number and called number. • OtxCcDisconnectCall() : Function to release call. • OtxCcAnswerCall() : Function call used to answer a call when an incoming call is detected.
TDM Highway Support	<p>The CT bus API in the OTX platform allows developers to easily interconnect multiple boards over the H.100 computer telephony bus. TDM switching on Odin hardware is provided by Lucent's Ambassador integrated circuit. The API's provided by the OTX platform gives complete control over the TDM integrated circuit.</p> <p>OTX ISDN supports H.100 Computer Telephony bus. H.100 bus is backward compatible with SC bus and MVIP.</p>
Operating Systems Supported	<ul style="list-style-type: none"> • Windows 2000 • Windows NT • Windows 98 • Red Hat Linux 2.2.x • Red Hat Linux 2.4.x
Hardware Supported	<p>Sleipnir-1-PCI/HAA-1051-x-1.0 Thor-2-PCI-Plus/HAA-1048-1-1.0 Thor-8-PCI-Plus/HAA-1094-1-1.0 Thor-2-PCMCIA-EX/HAA-1058-1-1.0 Thor-2-PCMCIA-PRO/HAA-1060-1-1.0</p>
Software Package Supplied	<ul style="list-style-type: none"> • OTX ISDN Call Control API Library • OTX software development platform
Other Features	<p>Support for tone detection/generation and various voice functions.</p>
Documents providing additional information	<ul style="list-style-type: none"> • OTX ISDN Programmers Guide (Doc No. 1412-1-SCA-1003-1) • OTX Programmers Guide (Doc No. 1412-1-SAA-1006-1) • OTX-Platform Product Brief (Doc No. 2020-1-SCA-1001-1)

Ordering Information

Product Name/Product Category	OTX-ISDN Call Control
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Contact Information

For more information on the OTX-ISDN product, please contact:	<p>Odin TeleSystems Inc. 800 E. Campbell Road, Suite 334 Richardson, TX 75081-1873 USA</p> <p>Tel: +1-972-664-0100 Tel: 1-888-ODINTSM Fax: +1-972-664-0855 Email: info@odinTS.com Web: www.odinTS.com</p>
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